
ASSETS USED IN OPERATIONS

4. Assets Used in Operations

Total Assets

Total assets of The SCG as at 31 December 2024 were 861,502 million baht of which 23% of them are current assets, comprising of inventories, trade and other current receivables, cash and cash equivalents and investment in short-term debt instrument. The rest (77%) are property, plant and equipment and investments.

Most assets shown in the financial statements of the Company and its subsidiaries were belonged to the Company and its subsidiaries.

Total assets can be classified according to main business units as follows:

	<u>2024</u>	<u>2023</u>	
SCG Cement and Green Solutions	105,388	109,204	million baht
SCG Smart Living and			
SCG Distribution and Retail	109,488	119,092	million baht
SCG Decor (SCGD)	39,823	41,651	million baht
SCG Chemicals (SCGC)	382,698	389,603	million baht
SCGP	188,580	198,561	million baht
Others	409,205	387,098	million baht

From the consolidated financial statements as at 31 December 2024, SCG's property, plant and equipment have carrying values of 422,613 million baht, which are 49% of total assets.

Property, Plant and Equipment - Net

(in Million baht)

Business Unit	Land		Building		Machinery and others		Total	
	31 Dec 24	31 Dec 23	31 Dec 24	31 Dec 23	31 Dec 24	31 Dec 23	31 Dec 24	31 Dec 23
SCG Cement and Green Solutions	10,268	10,392	13,400	13,926	39,322	39,684	62,990	64,002
SCG Smart Living and								
SCG Distribution and Retail	3,065	3,147	4,169	4,409	7,527	8,017	14,761	15,573
SCG Decor (SCGD)	2,914	2,963	2,821	2,894	6,412	5,764	12,147	11,621
SCG Chemicals (SCGC)	12,475	12,334	30,415	25,505	196,393	199,940	239,283	237,779
SCGP	9,753	9,934	15,164	15,362	66,097	68,983	91,014	94,279
Others	335	299	1,458	1,421	2,412	1,683	4,205	3,403
Consolidated SCG	38,239	37,923	66,644	62,844	317,730	323,577	422,613	424,344

Remark: Figures in financial statements are classified according to business unit before intersegment elimination.

Intangible Assets

- Patent

At the end of 2024, SCG has 858 valid patents comprising 485 invention patents, 160 petty patents and 213 design patents. The number of patents owned by the Siam Cement PLC., SCG Chemicals (SCGC) Business, SCGP Business, SCG Cement and Green Solutions Business, SCG Smart Living Business, SCG Decor Business, SCG Chemicals (SCGC) Business together with SCG Cement and Green Solutions Business, SCGP Business together with SCG Cement and Green Solutions Business, and SCGP Business together with SCG Chemicals (SCGC) Business are 10 patents, 437 patents, 109 patents, 54 patents, 173 patents, 59 patents, 11 patents, 3 patents and 2 patents consecutively. List of valid patents owned by companies and subsidiaries are listed below:

No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
<u>The Siam Cement PLC.</u>								
1	71209	Aug 22, 2019	The Siam Cement PLC.	1502000122	Jan 14, 2015	-	Design on packaging box	Jan 13, 2025
2	Petty Patent 19572	Apr 8, 2022	The Siam Cement PLC.	2103001801	Jun 25, 2021	Universal box and process thereof	-	Jun 24, 2031
3	ES2690073 (Spain)	Jul 25, 2018	The Siam Cement PLC.	15001396.9	Apr 8, 2015	Catalyst for 1,3-Butadiene Production from Ethanol	-	Apr 7, 2035
4	DE602015013 848.1 (Germany)	Jul 25, 2018	The Siam Cement PLC.	15001396.9	Apr 8, 2015	Catalyst for 1,3-Butadiene Production from Ethanol	-	Apr 7, 2035
5	3090801 (Great Britain)	Jul 25, 2018	The Siam Cement PLC.	15001396.9	Apr 8, 2015	Catalyst for 1,3-Butadiene Production from Ethanol	-	Apr 7, 2035
6	3090801 (Italy)	Jul 25, 2018	The Siam Cement PLC.	15001396.9	Apr 8, 2015	Catalyst for 1,3-Butadiene Production from Ethanol	-	Apr 7, 2035



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7	3090801 (France)	Jul 25, 2018	The Siam Cement PLC.	15001396.9	Apr 8, 2015	Catalyst for 1,3-Butadiene Production from Ethanol	-	Apr 7, 2035
8	6793719 (Japan)	Nov 12, 2020	The Siam Cement PLC.	2018-510693	May 4, 2016	Catalyst for 1,3-Butadiene Production from Ethanol	-	May 3, 2036
9	93102	Apr 20, 2023	The Siam Cement PLC. and Mahidol University	1401001430	Mar 18, 2014	Antimicrobial dental gypsum composition and casting piece thereof	-	Mar 17, 2034
10	93101	Apr 20, 2023	The Siam Cement PLC. and Mahidol University	1401001431	Mar 18, 2014	Antimicrobial zeolite dental gypsum composition and casting piece thereof	-	Mar 17, 2034
SCG Chemicals (SCGC) Business								
11	85563	Dec 1, 2021	SCG Chemicals PLC.	1902003834	Sep 23, 2019	-	Medication Cart	Sep 22, 2029
12	89202	Aug 5, 2022	SCG Chemicals PLC.	2002000711	Feb 21, 2020	-	Floating Connection Unit	Feb 20, 2030
13	89201	Aug 5, 2022	SCG Chemicals PLC.	2002000710	Feb 21, 2020	-	Floating Solar Panel Stand	Feb 20, 2030
14	91156	Jan 25, 2023	SCG Chemicals PLC.	2002000712	Feb 21, 2020	-	Nut	Feb 20, 2030
15	91157	Jan 25, 2023	SCG Chemicals PLC.	2002000713	Feb 21, 2020	-	Bolt	Feb 20, 2030
16	Petty Patent 20049	Aug 11, 2022	SCG Chemicals PLC.	2103001515	Jun 1, 2021	A Floating System Assembly	-	May 31, 2031



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
17	Petty Patent 20050	Aug 11, 2022	SCG Chemicals PLC.	2103001516	Jun 1, 2021	A Floating System Assembly	-	May 31, 2031
18	Petty Patent 20051	Aug 11, 2022	SCG Chemicals PLC.	2103001517	Jun 1, 2021	A Floating System Assembly	-	May 31, 2031
19	Petty Patent IDS000007890	Apr 19, 2024	SCG Chemicals PLC.	IDS00202205998	May 31, 2022	A Floating System Assembly	-	May 31, 2032
20	92475 (Thailand)	Mar 23, 2023	SCG Chemicals PLC.	0701006626	Dec 21, 2007	Method For Preparing A Catalyst Component For Ethylene Polymerization And Copolymerization	-	Dec 20, 2027
21	86321 (Thailand)	Jan 14, 2022	SCG Chemicals PLC.	1401002353	Apr 30, 2014	Polymer composition and cable spacer comprising the polymer composition	-	Apr 29, 2034
22	18697 (Vietnam)	Mar 5, 2018	SCG Chemicals PLC.	1-2008-03080	Dec 18, 2008	Method For Preparing A Catalyst Component For Ethylene Polymerization And Copolymerization	-	Dec 18, 2028
23	60106 (Iran)	Jul 22, 2009	SCG Chemicals PLC.	387091337	Dec 20, 2008	Method for preparing a catalyst component for ethylene	-	Dec 20, 2028
24	272518 (India)	Apr 5, 2016	SCG Chemicals PLC.	2658/MUM/2008	Dec 22, 2008	Method for preparing a catalyst component for ethylene	-	Dec 22, 2028
25	6034399 (Japan)	Nov 4, 2016	SCG Chemicals PLC.	2014-548249	Jun 20, 2014	Modification of layered double hydroxides	-	Dec 17, 2032



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
26	1670258 (Taiwan)	Sep 1, 2019	SCG Chemicals PLC.	104127863	Aug 26, 2015	Process for the separation of ethylbenzene	-	Aug 25, 2035
27	10131548 (United States)	Nov 20, 2018	SCG Chemicals PLC.	15/168,783	Jun 28, 2016	Modification of layered double hydroxides	-	Dec 18, 2032
28	US10,479,743 (United States)	Nov 19, 2019	SCG Chemicals PLC.	15/506,363	Feb 24, 2017	Process for the separation of ethylbenzene	-	Sep 4, 2035
29	313835 (India)	Jun 7, 2019	SCG Chemicals PLC.	201717006708	Feb 25, 2017	Process for the separation of ethylbenzene	-	Sep 4, 2035
30	ZL 2015800465373.4 (China)	Jun 9, 2020	SCG Chemicals PLC.	201580046537.4	Feb 28, 2017	Process for the separation of ethylbenzene	-	Sep 3, 2035
31	7493 (Saudi Arabia)	Jan 24, 2021	SCG Chemicals PLC.	517381027	Mar 2, 2017	Process for the separation of ethylbenzene	-	Sep 3, 2035
32	10-2556041 (Korea)	Jul 11, 2023	SCG Chemicals PLC.	2017-7008915	Mar 31, 2017	Process For The Separation Of Ethylbenzene	-	Sep 4, 2035
33	6739435 (Japan)	Jul 27, 2020	SCG Chemicals PLC.	2017-535733	Jul 4, 2017	SiO ₂ -Layered double hydroxide microspheres and methods of making them	-	Jan 6, 2036
34	10,773,246 (United States)	Sep 15, 2020	SCG Chemicals PLC.	15/541,655	Jul 5, 2017	SiO ₂ -Layered double hydroxide microspheres and methods of making them	-	Jan 6, 2036



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
35	2016800304841 (China)	May 19, 2020	SCG Chemicals PLC.	2016800304841	Nov 24, 2017	Plasticizer composition	-	Jun 28, 2036
36	DE602014021085.6 (Germany)	Feb 21, 2018	SCG Chemicals PLC.	14003073.5	Feb 21, 2018	Process for the separation of ethylbenzene	-	Sep 5, 2034
37	EP2993163 (France)	Feb 21, 2018	SCG Chemicals PLC.	14003073.5	Feb 21, 2018	Process for the separation of ethylbenzene	-	Sep 5, 2034
38	EP2993163 (Netherlands)	Feb 21, 2018	SCG Chemicals PLC.	14003073.5	Feb 21, 2018	Process for the separation of ethylbenzene	-	Sep 5, 2034
39	502018000014208 (Italy)	Feb 21, 2018	SCG Chemicals PLC.	14003073.5	Feb 21, 2018	Process for the separation of ethylbenzene	-	Sep 5, 2034
40	US11,111,154 (United States)	Sep 7, 2021	SCG Chemicals PLC.	16/054,324	Aug 3, 2018	Modification of layered double hydroxides	-	Sep 27, 2033
41	389313 (India)	Feb 15, 2022	SCG Chemicals PLC.	201817040641	Oct 29, 2018	Unsymmetrical Metallocene Catalysts and Uses Thereof	-	Oct 29, 2038
42	ZL 2017800274751 (China)	Aug 10, 2021	SCG Chemicals PLC.	201780027475.1	Nov 2, 2018	Unsymmetrical metallocene catalysts and uses thereof	-	May 9, 2037
43	11201809887W (Singapore)	Apr 15, 2020	SCG Chemicals PLC.	11201809887W	Nov 7, 2018	Unsymmetrical Metallocene Catalysts And Uses Thereof	-	May 10, 2037
44	11,053,269 (United States)	Jul 6, 2021	SCG Chemicals PLC.	16/099,855	Nov 8, 2018	Unsymmetrical metallocene catalysts and uses thereof	-	Nov 8, 2038



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
45	JP7090033 (Japan)	Jun 15, 2022	SCG Chemicals PLC.	2018-559373	Nov 9, 2018	Unsymmetrical Metallocene Catalysts and Uses Thereof	-	May 10, 2037
46	KR10-2412551 (Republic of Korea)	Jun 20, 2022	SCG Chemicals PLC.	2018-7034332	Nov 27, 2018	Unsymmetrical Metallocene Catalysts and Uses Thereof	-	May 10, 2037
47	IDP000076673 (Indonesia)	May 4, 2021	SCG Chemicals PLC.	PID201809951	Dec 4, 2018	Unsymmetrical metallocene catalysts and uses thereof	-	May 10, 2037
48	36345 (Vietnam)	Jun 9, 2023	SCG Chemicals PLC.	1-2018-05626	Dec 12, 2018	Unsymmetrical Metallocene Catalysts And Uses Thereof	-	May 10, 2037
49	419665 (India)	Jan 30, 2023	SCG Chemicals PLC.	201917016261	Apr 24, 2019	Polymer composition	-	Oct 19, 2037
50	US11485806B2 (United States)	Nov 1, 2022	SCG Chemicals PLC.	16/347,690	Jun 5, 2019	Process for the preparation of polymerized polyethylene wax	-	Nov 6, 2037
51	10-2379503 (Republic of Korea)	Mar 23, 2022	SCG Chemicals PLC.	2019-7016568	Jun 10, 2019	Polymer Composition	-	Oct 19, 2037
52	11193013 (United States)	Dec 7, 2021	SCG Chemicals PLC.	16/468,329	Jun 11, 2019	Polymer composition	-	Oct 19, 2037



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
53	7046947 (Japan)	Mar 25, 2022	SCG Chemicals PLC.	2019-531326	Jun 11, 2019	Polymer Composition	-	Oct 19, 2037
54	10201907786P (Singapore)	Feb 5, 2021	SCG Chemicals PLC.	10201907786P	Aug 22, 2019	Connection assembly	-	Aug 22, 2039
55	DE602012063968.7 (Germany)	Sep 11, 2019	SCG Chemicals PLC.	12837660.5	Sep 11, 2019	Modification of layered double hydroxides	-	Dec18, 2032
56	EP2794486 (Great Britain)	Sep 11, 2019	SCG Chemicals PLC.	12837660.5	Sep 11, 2019	Modification of layered double hydroxides	-	Dec18, 2032
57	EP2794486 (Netherlands)	Sep 11, 2019	SCG Chemicals PLC.	12837660.5	Sep 11, 2019	Modification of layered double hydroxides	-	Dec18, 2032
58	60 2016 031 913.6 (Germany)	Mar 18, 2020	SCG Chemicals PLC.	16197563.6	Mar 18, 2020	Process for the preparation of polymerized polyethylene wax	-	Nov 7, 2036
59	500289519 (Netherlands)	Mar 18, 2020	SCG Chemicals PLC.	16197563.6	Mar 18, 2020	Process for the preparation of polymerized polyethylene wax	-	Nov 7, 2036
60	10-2609534 (Korea)	Nov 29, 2023	SCG Chemicals PLC.	2020-7011649	Apr 22, 2020	Magnesium compound, method for producing the same and use thereof	-	Oct 29, 2038
61	7407109 (Japan)	Dec 20, 2023	SCG Chemicals PLC.	2020-528228	May 22, 2020	Magnesium compound, method for producing the same and use thereof	-	Oct 29, 2038



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62	11,434,251 (United States)	Sep 6, 2022	SCG Chemicals PLC.	16/767,318	May 27, 2020	Magnesium compound, method for producing the same and use thereof	-	Oct 29, 2038
63	11/643,331 (United States)	May 9, 2023	SCG Chemicals PLC.	16/925,596	Jul 10, 2020	SiO ₂ -Layered double hydroxide microspheres and methods of making them	-	Jan 6, 2036
64	DE602017024580.1 (Germany)	Sep 30, 2020	SCG Chemicals PLC.	17724406.8	Sep 30, 2020	Unsymmetrical Metallocene Catalysts And Uses Thereof	-	May 10, 2037
65	EP3455231B1 (Sweden)	Sep 30, 2020	SCG Chemicals PLC.	17724406.8	Sep 30, 2020	Unsymmetrical Metallocene Catalysts And Uses Thereof	-	May 10, 2037
66	7502733 (Japan)	Jun 11, 2024	SCG Chemicals PLC.	2021-528435	May 20, 2021	Borylimides with neutral polydentate ligands	-	Nov 19, 2039
67	BR 11 2021 015931 2 (Brazil)	Dec 10, 2024	SCG Chemicals PLC.	112021015931 2	Aug 12, 2021	Method and catalyst for the production of 1,3-butadiene from ethanol	-	Feb 10, 2040
68	7518085 (Japan)	Jul 17, 2024	SCG Chemicals PLC.	2021-547202	Aug 12, 2021	Method and catalyst for the production of 1,3-butadiene from ethanol	-	Feb 10, 2040
69	202080019580.2 (China)	Oct 1, 2024	SCG Chemicals PLC.	202080019580.2	Sep 8, 2021	Method and catalyst for the production of 1,3-butadiene from ethanol	-	Feb 9, 2040



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
70	11,969,714 (United States)	Apr 30, 2024	SCG Chemicals PLC.	17/430,889	Sep 9, 2021	Method and catalyst for the production of 1,3-butadiene from ethanol	-	Feb 10, 2040
71	3656779 (Netherlands)	Oct 27, 2021	SCG Chemicals PLC.	18207325.4	Oct 27, 2021	Borylimides with neutral polydentate ligands	-	Nov 20, 2038
72	3656779 (Germany)	Oct 27, 2021	SCG Chemicals PLC.	18207325.4	Oct 27, 2021	Borylimides with neutral polydentate ligands	-	Nov 20, 2038
73	3656779 (Austria)	Oct 27, 2021	SCG Chemicals PLC.	18207325.4	Oct 27, 2021	Borylimides with neutral polydentate ligands	-	Nov 20, 2038
74	7274622 (Japan)	May 8, 2023	SCG Chemicals PLC.	2022-012294	Jan 28, 2022	Unsymmetrical Metallocene Catalysts And Uses Thereof	-	May 10, 2037
75	602016076018.5 (Germany)	Nov 2, 2022	SCG Chemicals PLC.	16203416.9	Nov 2, 2022	Polymer Composition	-	Dec 12, 2036
76	EP3333217 B1 (France)	Nov 2, 2022	SCG Chemicals PLC.	16203416.9	Nov 2, 2022	Polymer Composition	-	Dec 12, 2036
77	EP3333217 B1 (Netherlands)	Nov 2, 2022	SCG Chemicals PLC.	16203416.9	Nov 2, 2022	Polymer Composition	-	Dec 12, 2036
78	10202260186X (Singapore)	Jul 1, 2024	SCG Chemicals PLC.	10202260186X	Nov 25, 2022	Composition	-	Nov 25, 2042



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
79	74485	Jan 29, 2020	SCG Chemicals PLC. and Khon Kaen University and Chiang Mai University and Prince of Songkla University	1702003849	Sep 26, 2017	-	Locking Cover for Invasive Surgery Camera	Sep 25, 2027
80	Petty Patent 14173	Jul 18, 2018	SCG Chemicals PLC. and Khon Kaen University and Chiang Mai University and Prince of Songkla University	1703001899	Sep 26, 2017	Camera Drape	-	Sep 25, 2027
81	Petty Patent 16533	Jul 24, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1903001470	Jun 5, 2019	Trash traps	-	Jun 4, 2029
82	1-2017/000235 (Philippines)	Jan 3, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2017-000235	Aug 16, 2017	Polymer composition for container closures	-	Aug 16, 2037



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83	734802 (New Zealand)	Sep 3, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	734802	Aug 21, 2017	Bimodal Polyethylene Composition And Pipe Comprising The Same	-	Aug 21, 2037
84	2017218977 (Australia)	Jun 17, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017218977	Aug 22, 2017	Polymer composition for container closures	-	Aug 22, 2037
85	7181681 (Japan)	Nov 22, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017-163039	Aug 28, 2017	Polymer composition for container closures	-	Aug 28, 2037
86	370651 (India)	Jun 29, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201714030519	Aug 29, 2017	Bimodal polyethylene composition and pipe comprising the same	-	Aug 29, 2037
87	37972 (Vietnam)	Nov 20, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2017-03504	Sep 1, 2017	Polymer composition for container closures	-	Sep 11, 2037
88	2017/05981 (South Africa)	Sep 26, 2018	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017/05981	Sep 4, 2017	Polymer composition for container closures	-	Sep 1, 2037



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89	BR10 2017 019073-0 (Brazil)	Mar 7, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	102017019073-0	Sep 6, 2017	Polymer composition for container closures	-	Sep 6, 2037
90	MY-189784-A (Malaysia)	Mar 7, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	PI2017703280	Sep 7, 2017	Polymer composition for container closures	-	Sep 7, 2037
91	MY-191855-A (Malaysia)	Jul 18, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	PI2017703286	Sep 7, 2017	Bimodal polyethylene composition and pipe comprising the same	-	Sep 7, 2037
92	32811 (Vietnam)	Jun 29, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2017-03503	Sep 11, 2017	Bimodal polyethylene composition and pipe comprising the same	-	Sep 11, 2037
93	ID P000076332 (Indonesia)	Apr 20, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	P00201706111	Sep 12, 2017	Bimodal polyethylene composition and pipe comprising the same	-	Sep 12, 2037
94	ID P000080145 (Indonesia)	Dec 7, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	P00201706110	Sep 12, 2017	Polymer composition for container closures	-	Sep 12, 2037



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95	2635449 (Republic of Korea)	Feb 5, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	10-2017-0116076	Sep 12, 2017	Polymer composition for container closures	-	Sep 11, 2037
96	RU2757915C2 (Russia)	Oct 22, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	RU2017131591	Oct 11, 2017	Polymer composition for container capping means	-	Sep 11, 2037
97	ZL2017800037065 (China)	Apr 9, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201780003706.5	Apr 24, 2018	Reactor System For Multimodal Polyethylene Polymerization	-	Sep 6, 2037
98	ZL2017800037489 (China)	Sep 21, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201780003748.9	Apr 25, 2018	Multimodal polyethylene screw cap	-	Sep 7, 2037
99	108473602 (China)	Jul 12, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201780004889.2	Jun 19, 2018	Multimodal Polyethylene Container	-	Sep 10, 2037
100	MY-191138-A (Malaysia)	May 31, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	PI2018703189	Jul 7, 2018	Multimodal polyethylene composition and a film comprising the same	-	Sep 8, 2037



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
101	2018/13628 (Turkey)	Aug 29, 2018	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16180302.8	Aug 29, 2018	Emulsion and use thereof for coating a textile	-	Jul 20, 2036
102	EP3272821B1 (Great Britain)	Aug 29, 2018	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16180302.8	Aug 29, 2018	Emulsion and use thereof for coating a textile	-	Jul 20, 2036
103	602016005119.2 (Germany)	Aug 29, 2018	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16180302.8	Aug 29, 2018	Emulsion and use thereof for coating a textile	-	Jul 20, 2036
104	MY-190473-A (Malaysia)	Apr 22, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	PI2018703184	Sep 7, 2018	Multimodal polyethylene film	-	Sep 8, 2037
105	ID P000076902 (Indonesia)	May 15, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	P-00201807103	Sep 13, 2018	Multimodal polyethylene film	-	Sep 13, 2038
106	7122972 (Japan)	Aug 12, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2018-550503	Sep 26, 2018	Multimodal polyethylene film	-	Sep 26, 2038



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
107	402180 (India)	Jul 27, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201917000449	Jan 4, 2019	Emulsion And Use Thereof For Coating A Textile	-	Jul 6, 2037
108	CN109563373 B (China)	May 3, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201780042820.9	Jan 9, 2019	Emulsion and use thereof for coating a textile	-	Jul 5, 2037
109	IDP000077551 (Indonesia)	Jun 21, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	P00201900444	Jan 18, 2019	Emulsion and Use Thereof for Coating A Textile	-	Jul 6, 2037
110	1-0041096-000 (Vietnam)	Aug 9, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-00336	Jan 21, 2019	Emulsion And Use Thereof For Coating A Textile	-	Jul 6, 2037
111	BR11 2019 002493-0 (Brazil)	Nov 22, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	112019002493-0	Feb 7, 2019	Multimodal Polyethylene Pipe	-	Sep 7, 2037
112	1-2019-500278 B1 (Philippine)	Aug 4, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-500278	Feb 8, 2019	Multimodal Polyethylene Film	-	Sep 8, 2037



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
113	BR 112019002767-0 (Brazil)	Sep 13, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	112019002767-0	Feb 11, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
114	426315 (India)	Mar 22, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201917005493	Feb 12, 2019	Reactor System For Multimodal Polyethylene Polymerization	-	Sep 7, 2037
115	BR11 2019 002899-4 (Brazil)	Apr 11, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	112019002899-4	Feb 12, 2019	Multimodal Polyethylene Film	-	Sep 8, 2037
116	112019002965-6 (Brazil)	Dec 20, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	112019002965-6	Feb 13, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2037
117	BR11 2019002966.4 (Brazil)	Jul 25, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	112019002966-4	Feb 13, 2019	Reactor System For Multimodal Polyethylene Polymerization	-	Sep 7, 2037
118	400997 (India)	Jul 7, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201917005879	Feb 14, 2019	Multimodal polyethylene container	-	Sep 11, 2037



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
119	2017324412 (Australia)	Jun 9, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017324412	Feb 15, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
120	2017322271 (Australia)	May 26, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017322271	Feb 15, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2037
121	2017322257 (Australia)	Mar 3, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017322257	Feb 15, 2019	Multimodal Polyethylene Film	-	Sep 8, 2037
122	AU2017322249B2 (Australia)	Jun 23, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017322249	Feb 15, 2019	Multimodal polyethylene composition and a film comprising the same	-	Sep 8, 2037
123	2017322167 (Australia)	Jun 2, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017322167	Feb 15, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
124	35905 (Vietnam)	Apr 27, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-00799	Feb 19, 2019	Multimodal Polyethylene Composition And A Film Comprising The Same	-	Sep 8, 2037



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125	35865 (Vietnam)	Apr 25, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-00825	Feb 20, 2019	Reactor System For Multimodal Polyethylene Polymerization	-	Sep 7, 2037
126	BR11 2019 004330-6 B1 (Brazil)	Jun 13, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	112019004330-6	Mar 1, 2019	Multimodal Polyethylene Screw Cap	-	Sep 8, 2037
127	2017322269 (Australia)	Sep 29, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017322269	Mar 4, 2019	Multimodal polyethylene container	-	Sep 11, 2037
128	2017324903 (Australia)	May 15, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017324903	Mar 4, 2019	Bimodal polyethylene composition and pipe comprising the same	-	Sep 8, 2037
129	415400 (Mexico)	Jul 29, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	MX/a/2019/002574	Mar 5, 2019	Reactor System For Multimodal Polyethylene Polymerization	-	Sep 7, 2037
130	381159 (India)	Nov 10, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201917008686	Mar 6, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2037



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131	386392 (India)	Nov 11, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201917008702	Mar 6, 2019	Multimodal Polyethylene Film	-	Sep 8, 2037
132	398253 (India)	May 31, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201917008700	Mar 6, 2019	Multimodal polyethylene thin film	-	Sep 8, 2037
133	35850 (Vietnam)	Apr 24, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-01125	Mar 6, 2019	Multimodal Polyethylene Screw Cap	-	Sep 8, 2037
134	MY-190182-A (Malaysia)	Mar 31, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	PI2019001218	Mar 8, 2019	Reactor system for multimodal polyethylene polymerization	-	Sep 7, 2037
135	MY-191197-A (Malaysia)	Jun 7, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	PI2019001217	Mar 8, 2019	Multimodal polyethylene container	-	Sep 11, 2037
136	10865296 (United States)	Dec 15, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16/332,093	Mar 11, 2019	Bimodal polyethylene composition and pipe comprising the same	-	Sep 8, 2037



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137	11,001,649 (United States)	May 11, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16/332,013	Mar 11, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
138	10,919,991 (United States)	Feb 16, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16/332,029	Mar 11, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2037
139	10,913,041 (United States)	Feb 9, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16/332,066	Mar 11, 2019	Multimodal polyethylene screw cap	-	Sep 8, 2037
140	ZL201780055633.4 (China)	Aug 6, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2017800556334	Mar 11, 2019	Bimodal polyethylene composition and pipe comprising the same	-	Sep 7, 2037
141	ID P000078773 (Indonesia)	Aug 27, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	P-00201902061	Mar 11, 2019	Bimodal polyethylene composition and pipe comprising the same	-	Sep 8, 2037
142	RU2759904C2 (Russia)	Nov 18, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019110775	Mar 11, 2019	Bimodal polyethylene composition and pipe containing it	-	Sep 8, 2037



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143	10,941,223 (United States)	Mar 9, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16/332,015	Mar 11, 2019	Multimodal polyethylene composition and a film comprising the same	-	Sep 8, 2037
144	ID P000079584 (Indonesia)	Oct 22, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	P-00201902069	Mar 11, 2019	Multimodal Polyethylene Screw Cap	-	Sep 8, 2037
145	7092749 (Japan)	Jun 20, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-513836	Mar 11, 2019	Reactor system for multimodal polyethylene polymerization	-	Sep 7, 2037
146	SA 9828 (Saudi Arabia)	Apr 21, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	519401271	Mar 11, 2019	Multimodal polyethylene pipe	-	Sep 6, 2037
147	7181183 (Japan)	Nov 21, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-513802	Mar 11, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
148	7071966 (Japan)	May 11, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-513850	Mar 11, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2037



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149	11,312,792 (United States)	Apr 26, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16/332,065	Mar 11, 2019	Multimodal polyethylene container	-	Sep 11, 2037
150	7066682 (Japan)	May 2, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-513743	Mar 11, 2019	Bimodal polyethylene composition and pipe comprising the same	-	Sep 8, 2037
151	11,286,378 (United States)	Sep 29, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16/332,020	Mar 11, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
152	7181858 (Japan)	Nov 22, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-513750	Mar 11, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
153	10277 (Saudi Arabia)	Jun 24, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	519401275	Mar 11, 2019	Multimodal Polyethylene Film	-	Sep 7, 2037
154	11,674,022 (United States)	Jun 13, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16/332,046	Mar 11, 2019	Multimodal Polyethylene Film	-	Sep 8, 2037



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155	12094 (Saudi Arabia)	Jan 22, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	519401270	Mar 11, 2019	Reactor System For Multimodal Polyethylene Polymerization	-	Sep 6, 2037
156	11866521 (United States)	Jan 9, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16/332,006	Mar 11, 2019	Reactor System For Multimodal Polyethylene Polymerization	-	Sep 7, 2037
157	38446 (Vietnam)	Dec 19, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-01250	Mar 12, 2019	Bimodal polyethylene composition and pipe comprising the same	-	Sep 8, 2037
158	2019/01599 (South Africa)	Jun 30, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019/01599	Mar 14, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
159	2019/01598 (South Africa)	Jul 28, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019/01598	Mar 14, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2037
160	ZA2019/01602 (South Africa)	Jun 30, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019/01602	Mar 14, 2019	Multimodal polyethylene container	-	Sep 11, 2037



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161	2019/01604 (South Africa)	Jun 30, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019/01604	Mar 14, 2019	Multimodal polyethylene film	-	Sep 8, 2037
162	2019/01601 (South Africa)	Jun 30, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019/01601	Mar 14, 2019	Multimodal polyethylene composition and a film comprising the same	-	Sep 8, 2037
163	2019/01600 (South Africa)	Jun 30, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019/01600	Mar 14, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
164	35907 (Vietnam)	Apr 28, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-01525	Mar 27, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2037
165	38633 (Vietnam)	Jan 5, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-01526	Mar 27, 2019	Multimodal Polyethylene Film	-	Sep 8, 2037
166	KR10-2380683 (Republic of Korea)	Mar 25, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-7008989	Mar 28, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2037



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167	10-2381420 (Republic of Korea)	Mar 28, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-7009720	Apr 4, 2019	Multimodal Polyethylene Film	-	Sep 8, 2037
168	10-2384280 (Republic of Korea)	Apr 4, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-7009749	Apr 4, 2019	Multimodal Polyethylene Screw Cap	-	Sep 8, 2037
169	10-2228720 (Republic of Korea)	Mar 11, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-7010004	Apr 8, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
170	2448105 (Republic of Korea)	Sep 22, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-7010041	Apr 8, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
171	2449245 (Republic of Korea)	Sep 26, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-7010059	Apr 8, 2019	Multimodal polyethylene container	-	Sep 11, 2037
172	IDP000076705 (Indonesia)	May 7, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	P-00201903013	Apr 10, 2019	Multimodal Polyethylene Pipe	-	Sep 7, 2037



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173	ID P000076708 (Indonesia)	May 7, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	P-00201903018	Apr 10, 2019	Multimodal Polyethylene Pipe	-	Sep 7, 2037
174	ID P000076707 (Indonesia)	May 7, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	P-00201903015	Apr 10, 2019	Reactor System For Multimodal Polyethylene Polymerization	-	Sep 7, 2037
175	2722148 (Russia)	May 27, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019110830	Apr 11, 2019	Multimodal polyethylene pipe	-	Sep 7, 2037
176	RU2740662C2 (Russia)	Jan 19, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019110831	Apr 11, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2037
177	RU2759667C2 (Russia)	Nov 16, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019110829	Apr 11, 2019	Multimodal polyethylene container	-	Sep 11, 2037
178	RU2761951C2 (Russia)	Dec 14, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019110832	Apr 11, 2019	Pipe Of Multimodal Polyethylene	-	Sep 7, 2037



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179	RU2757917C2 (Russia)	Oct 22, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019110777	Apr 11, 2019	Reactor System for Polymerization Of Polymodal Polyethylene	-	Sep 7, 2037
180	RU2757914C2 (Russia)	Oct 22, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019110778	Apr 11, 2019	Multimodal polyethylene film	-	Sep 8, 2037
181	RU2758691C2 (Russia)	Nov 1, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019110827	Apr 11, 2019	Screw on cap made of multimodal polyethylene	-	Sep 8, 2037
182	RU2759997C2 (Russia)	Nov 22, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019110776	Apr 11, 2019	Multimodal polyethylene composition and film including it	-	Sep 8, 2037
183	38636 (Vietnam)	Jan 8, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-01838	Apr 12, 2019	Multimodal Polyethylene Pipe	-	Sep 7, 2037
184	38638 (Vietnam)	Jan 8, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-01839	Apr 12, 2019	Multimodal Polyethylene Pipe	-	Sep 7, 2037



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185	ID P000076706 (Indonesia)	May 7, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	P-00201903014	Apr 24, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2037
186	CN 108350200 B (China)	Mar 15, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	201780003747.4	Apr 25, 2019	High performances multimodal ultra high molecular weight polyethylene	-	Sep 10, 2037
187	ES2752741 (Spain)	Aug 7, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188322.8	Aug 7, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
188	EP3293207 (Turkey)	Aug 7, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188322.8	Aug 7, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
189	EP3293207 (Hungary)	Aug 7, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188322.8	Aug 7, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
190	EP3293207 (Portugal)	Aug 7, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188322.8	Aug 7, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036



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191	EP3293207 (Germany)	Aug 7, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188322.8	Aug 7, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
192	EP3293207 (France)	Aug 7, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188322.8	Aug 7, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
193	EP3293207 (Italy)	Aug 7, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188322.8	Aug 7, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
194	EP3293207 (Great Britain)	Aug 7, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188322.8	Aug 7, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
195	7092718 (Japan)	Jun 20, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-147671	Aug 9, 2019	Reactor system for multimodal polyethylene polymerization	-	Sep 7, 2037
196	DE602016018482.6 (Germany)	Aug 14, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188343.4	Aug 14, 2019	Multimodal polyethylene container	-	Sep 12, 2036



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197	ES2755384 (Spain)	Aug 14, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188343.4	Aug 14, 2019	Multimodal polyethylene container	-	Sep 12, 2036
198	EP3293213 (Turkey)	Aug 14, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188343.4	Aug 14, 2019	Multimodal polyethylene container	-	Sep 12, 2036
199	EP3293213 (Hungary)	Aug 14, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188343.4	Aug 14, 2019	Multimodal polyethylene container	-	Sep 12, 2036
200	EP3293213 (Portugal)	Aug 14, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188343.4	Aug 14, 2019	Multimodal polyethylene container	-	Sep 12, 2036
201	EP3293213 (France)	Aug 14, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188343.4	Aug 14, 2019	Multimodal polyethylene container	-	Sep 12, 2036
202	EP3293213 (Italy)	Aug 14, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188343.4	Aug 14, 2019	Multimodal polyethylene container	-	Sep 12, 2036



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203	EP3293213 (Great Britain)	Aug 14, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188343.4	Aug 14, 2019	Multimodal polyethylene container	-	Sep 12, 2036
204	38146 (Vietnam)	Dec 1, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	1-2019-04466	Aug 14, 2019	Reactor System For Multimodal Polyethylene Polymerization	-	Feb 20, 2039
205	ES2758793 (Spain)	Aug 28, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188318.6	Aug 28, 2019	Reactor system for multimodal polyethylene polymerization	-	Sep 12, 2036
206	EP3293205B1 (Turkey)	Aug 28, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188318.6	Aug 28, 2019	Reactor system for multimodal polyethylene polymerization	-	Sep 12, 2036
207	EP3293205B1 (Portugal)	Aug 28, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188318.6	Aug 28, 2019	Reactor system for multimodal polyethylene polymerization	-	Sep 12, 2036
208	EP3293205B1 (Austria)	Aug 28, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188318.6	Aug 28, 2019	Reactor system for multimodal polyethylene polymerization	-	Sep 12, 2036



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209	HUE047204T2 (Hungary)	Apr 28, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	E16188318A	Aug 28, 2019	Reactor System for Multimodal Polyethylene Polymerization	-	Sep 12, 2036
210	2449244 (Republic of Korea)	Sep 26, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-7008991	Oct 2, 2019	Reactor system for multimodal polyethylene polymerization	-	Sep 7, 2037
211	2447528 (Republic of Korea)	Sep 21, 2022	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019-7029083	Oct 2, 2019	Reactor system for multimodal polyethylene polymerization	-	Mar 28, 2039
212	DE602016022823.8 (Germany)	Oct 23, 2019	SCG Chemicals Co., Ltd. and Thai Polyethylene Co., Ltd.	16188319.4	Oct 23, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
213	ES2767704 (Spain)	Oct 23, 2019	SCG Chemicals Co., Ltd. and Thai Polyethylene Co., Ltd.	16188319.4	Oct 23, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
214	3293206 (Turkey)	Oct 23, 2019	SCG Chemicals Co., Ltd. and Thai Polyethylene Co., Ltd.	16188319.4	Oct 23, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036



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215	EP3293206 (Hungary)	Oct 23, 2019	SCG Chemicals Co., Ltd. and Thai Polyethylene Co., Ltd.	16188319.4	Oct 23, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
216	EP3293206 (Portugal)	Oct 23, 2019	SCG Chemicals Co., Ltd. and Thai Polyethylene Co., Ltd.	16188319.4	Oct 23, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
217	EP3293206 (France)	Oct 23, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188319.4	Oct 23, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
218	502019000107475 (Italy)	Oct 23, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188319.4	Oct 23, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
219	EP3293206 (Great Britain)	Oct 23, 2019	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188319.4	Oct 23, 2019	Multimodal polyethylene pipe	-	Sep 12, 2036
220	2 794 125 (Russia)	Apr 11, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2019143390	Dec 24, 2019	Multimodal Polyethylene Pipe	-	Sep 7, 2037



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221	3510053 (Germany)	Jul 29, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	17767780.4	Jul 29, 2020	Multimodal Polyethylene Composition And A Film Comprising The Same	-	Sep 8, 2037
222	3510053 (France)	Jul 29, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	17767780.4	Jul 29, 2020	Multimodal Polyethylene Composition And A Film Comprising The Same	-	Sep 8, 2037
223	602017022903.2 (Germany)	Jul 29, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	17762143.0	Jul 29, 2020	Multimodal polyethylene film	-	Sep 8, 2037
224	EP3510085B1 (France)	Jul 29, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	17762143.0	Jul 29, 2020	Multimodal polyethylene film	-	Sep 8, 2037
225	3510086 (Netherlands)	Aug 19, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	17764410.1	Aug 19, 2020	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2038
226	DE602017022042.6 (Germany)	Aug 19, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	17764410.1	Aug 19, 2020	High performances multimodal ultra high molecular weight polyethylene	-	Sep 11, 2038



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227	3510054 (Germany)	Nov 4, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	17768063.4	Nov 4, 2020	Multimodal Polyethylene Screw Cap	-	Sep 8, 2037
228	3510054 (Austria)	Nov 4, 2020	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	17768063.4	Nov 4, 2020	Multimodal Polyethylene Screw Cap	-	Sep 8, 2037
229	FI/EP3293208 T3 (Finland)	Jun 16, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188324.4	Jun 16, 2021	Bimodal polyethylene composition and pipe comprising the same	-	Sep 12, 2036
230	EP3293208B1 (Great Britain)	Jun 16, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188324.4	Jun 16, 2021	Bimodal polyethylene composition and pipe comprising the same	-	Sep 12, 2036
231	EP3293208B1 (Norway)	Jun 16, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188324.4	Jun 16, 2021	Bimodal polyethylene composition and pipe comprising the same	-	Sep 12, 2036
232	EP3293208B1 (Poland)	Jun 16, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188324.4	Jun 16, 2021	Bimodal polyethylene composition and pipe comprising the same	-	Sep 12, 2036



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233	EP3293208B1 (Germany)	Jun 16, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188324.4	Jun 16, 2021	Bimodal polyethylene composition and pipe comprising the same	-	Sep 12, 2036
234	EP3293208B1 (France)	Jun 16, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188324.4	Jun 16, 2021	Bimodal polyethylene composition and pipe comprising the same	-	Sep 12, 2036
235	EP3293208B1 (Austria)	Jun 16, 2021	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188324.4	Jun 16, 2021	Bimodal polyethylene composition and pipe comprising the same	-	Sep 12, 2036
236	2022200608 (Australia)	Apr 26, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2022200608	Jan 31, 2022	Multimodal Polyethylene Pipe	-	Sep 7, 2037
237	2022202062 (Australia)	May 9, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2022202062	Mar 25, 2022	Bimodal Polyethylene Composition And Pipe Comprising The Same	-	Aug 21, 2037
238	ZL202210508537.3 (China)	Jul 26, 2024	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	202210508537.3	May 11, 2022	Reactor System For Multimodal Polyethylene Polymerization	-	Sep 6, 2037



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239	7394932 (Japan)	Nov 30, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	2022-121457	Jul 29, 2022	Multimodal polyethylene composition and a film comprising the same	-	Sep 26, 2038
240	3293212 (Spain)	Feb 22, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188339.2	Feb 22, 2023	Polymer composition for container closures	-	Sep 12, 2036
241	3293212 (Turkey)	Feb 22, 2023	SCG Chemicals PLC. and Thai Polyethylene Co., Ltd.	16188339.2	Feb 22, 2023	Polymer composition for container closures	-	Sep 12, 2036
242	1670259 (Taiwan)	Sep 1, 2019	SCG Chemicals PLC. and GTC Technology US, LLC	104127868	Aug 26, 2015	Separation process for C8 aromatics mixture	-	Aug 25, 2035
243	1675825 (Taiwan)	Nov 1, 2019	SCG Chemicals PLC. and GTC Technology US, LLC	104127865	Aug 26, 2015	Process for the enhanced separation of ethylbenzene	-	Aug 25, 2035
244	102116 (Argentina)	Apr 30, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	20150102843	Sep 4, 2015	Separation process for c8 aromatics mixture	-	Sep 4, 2035



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245	UA10,427,994B2 (United States)	Oct 1, 2019	SCG Chemicals PLC. and GTC Technology US, LLC	15/505,593	Feb 21, 2017	Separation process for C8 aromatics mixture	-	Sep 5, 2034
246	US10,435,340 B2 (United States)	Oct 8, 2019	SCG Chemicals PLC. and GTC Technology US, LLC	15/505,590	Feb 21, 2017	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034
247	ZL2014800816111 (China)	Jul 31, 2020	SCG Chemicals PLC. and GTC Technology US, LLC	201480081611.1	Feb 28, 2017	Process for the enhanced separation of ethylbenzene	-	Sep 4, 2034
248	ZL201480081617.9 (China)	Dec 1, 2020	SCG Chemicals PLC. and GTC Technology US, LLC	201480081617.9	Feb 28, 2017	Separation process for C8 aromatics mixture	-	Sep 4, 2034
249	MY-180936-A (Malaysia)	Dec 13, 2020	SCG Chemicals PLC. and GTC Technology US, LLC	PI2017700726	Mar 1, 2017	Separation process for C8 aromatics mixture	-	Sep 5, 2034
250	MY-174810-A (Malaysia)	May 15, 2020	SCG Chemicals PLC. and GTC Technology US, LLC	PI2017700722	Mar 1, 2017	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034



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251	7221 (Saudi Arabia)	Oct 29, 2020	SCG Chemicals PLC. and GTC Technology US, LLC	517381020	Mar 2, 2017	Separation process for C8 aromatics mixture	-	Sep 4, 2034
252	7553 (Saudi Arabia)	Feb 7, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	517381022	Mar 2, 2017	Process for The Enhanced Separation Of Ethylbenzene	-	Sep 4, 2034
253	323494 (India)	Oct 23, 2019	SCG Chemicals PLC. and GTC Technology US, LLC	201717007569	Mar 3, 2017	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034
254	329995 (India)	Jan 22, 2020	SCG Chemicals PLC. and GTC Technology US, LLC	201717007563	Mar 3, 2017	Separation process for c8 aromatics mixture	-	Sep 5, 2034
255	6735752 (Japan)	Jul 16, 2020	SCG Chemicals PLC. and GTC Technology US, LLC	2017-533157A	Mar 3, 2017	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034
256	6824325 (Japan)	Jan 14, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	2019-082785	Mar 3, 2017	Separation method for C8 aromatics mixture	-	Sep 5, 2034



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257	102275314 (Republic of Korea)	Jul 12, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	2017-7008977	Mar 31, 2017	Process For The Enhanced Separation Of Ethylbenzene	-	Sep 5, 2034
258	2670962 (Russia)	Oct 26, 2018	SCG Chemicals PLC. and GTC Technology US, LLC	2017111206	Apr 4, 2017	Separation process for C8 aromatics mixture	-	Sep 5, 2034
259	2670963 (Russia)	Oct 26, 2018	SCG Chemicals PLC. and GTC Technology US, LLC	2017111207	Apr 4, 2017	Separation process for C8 aromatics mixture	-	Sep 5, 2034
260	102329813 (Republic of Korea)	Nov 23, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	2017-7008940	May 31, 2017	Separation Process For C8 Aromatics Mixture	-	Sep 4, 2034
261	2778655 (Russia)	Aug 22, 2022	SCG Chemicals PLC. and GTC Technology US, LLC	2021104051	Feb 18, 2019	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 19, 2039
262	6823684 (Japan)	Jun 13, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	2019-083869	Apr 25, 2019	Process for The Enhanced Separation Of Ethylbenzene	-	Sep 5, 2039



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263	10,647,641 (United States)	May 12, 2020	SCG Chemicals PLC. and GTC Technology US, LLC	16/516,656	Jul 19, 2019	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 20, 2038
264	1712586 (Taiwan)	Dec 11, 2020	SCG Chemicals PLC. and GTC Technology US, LLC	108125629	Jul 19, 2019	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 18, 2039
265	1736941 (Taiwan)	Aug 21, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	108125630	Jul 19, 2019	Integrated Processes for Para-Xylene Production	-	Jul 18, 2039
266	10975006 (United States)	Apr 13, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	16/516,687	Jul 19, 2019	Integrated Processes for Para-Xylene Production	-	Jul 20, 2038
267	IDP000083093 (Indonesia)	Sep 23, 2022	SCG Chemicals PLC. and GTC Technology US, LLC	P-00202100011	Jan 4, 2021	Integrated Processes for Para-Xylene Production	-	Jul 19, 2039
268	DE602014074007.3 (Germany)	Jan 6, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772011.4	Jan 6, 2021	Separation process for c8 aromatics mixture	-	Sep 5, 2034



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269	EP3189022 (Spain)	Jan 6, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772011.4	Jan 6, 2021	Separation process for c8 aromatics mixture	-	Sep 5, 2034
270	EP3189022 (France)	Jan 6, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772011.4	Jan 6, 2021	Separation process for c8 aromatics mixture	-	Sep 5, 2034
271	EP3189022 (Great Britain)	Jan 6, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772011.4	Jan 6, 2021	Separation process for c8 aromatics mixture	-	Sep 5, 2034
272	EP3189022 (Italy)	Jan 6, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	502021000025346	Jan 6, 2021	Separation process for c8 aromatics mixture	-	Sep 5, 2034
273	EP3189022 (Netherlands)	Jan 6, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772011.4	Jan 6, 2021	Separation process for c8 aromatics mixture	-	Sep 5, 2034
274	EP3189022 (Polands)	Jan 6, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772011.4	Jan 6, 2021	Separation process for c8 aromatics mixture	-	Sep 5, 2034



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275	526828 (India)	Mar 15, 2024	SCG Chemicals PLC. and GTC Technology US, LLC	202117001754	Jan 14, 2021	Integrated Processes for Para-Xylene Production	-	Jul 19, 2039
276	ZL201980048237.8 (China)	Jun 7, 2022	SCG Chemicals PLC. and GTC Technology US, LLC	201980048237.8	Jan 19, 2021	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 18, 2039
277	11202100544Q (Singapore)	Jul 31, 2023	SCG Chemicals PLC. and GTC Technology US, LLC	11202100544Q	Jan 19, 2021	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 19, 2039
278	ZL201980048233.X (China)	May 28, 2024	SCG Chemicals PLC. and GTC Technology US, LLC	201980048233.X	Jan 19, 2021	Integrated Processes for Para-Xylene Production	-	Jul 18, 2039
279	2789583 (Russia)	Feb 6, 2023	SCG Chemicals PLC. and GTC Technology US, LLC	2021104052	Feb 18, 2021	Integrated Processes for Para-Xylene Production	-	Jul 19, 2039
280	10-2727265 (Republic of Korea)	Nov 4, 2024	SCG Chemicals PLC. and GTC Technology US, LLC	10-2021-7004929	Feb 18, 2021	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 19, 2039



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281	EP3189023 (Germany)	Aug 4, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772013.0	Aug 4, 2021	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034
282	EP3189023 (Great Britain)	Aug 4, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772013.0	Aug 4, 2021	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034
283	EP3189023 (France)	Aug 4, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772013.0	Aug 4, 2021	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034
284	EP3189023 (Italy)	Aug 4, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	502021000086546	Aug 4, 2021	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034
285	EP3189023 (Spain)	Aug 4, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772013.0	Aug 4, 2021	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034
286	EP3189023 (Netherlands)	Aug 4, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772013.0	Aug 4, 2021	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034



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287	EP3189023 (Poland)	Aug 4, 2021	SCG Chemicals PLC. and GTC Technology US, LLC	14772013.0	Aug 4, 2021	Process for the enhanced separation of ethylbenzene	-	Sep 5, 2034
288	3806971 (Belgium)	Dec 6, 2023	SCG Chemicals PLC. and GTC Technology US, LLC	19837891.1	Dec 6, 2023	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 19, 2039
289	602019042957.6 (Germany)	Dec 6, 2023	SCG Chemicals PLC. and GTC Technology US, LLC	19837891.1	Dec 6, 2023	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 19, 2039
290	3806971 (Spain)	Dec 6, 2023	SCG Chemicals PLC. and GTC Technology US, LLC	19837891.1	Dec 6, 2023	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 19, 2039
291	3806971 (France)	Dec 6, 2023	SCG Chemicals PLC. and GTC Technology US, LLC	19837891.1	Dec 6, 2023	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 19, 2039
292	3806971 (Great Britain)	Dec 6, 2023	SCG Chemicals PLC. and GTC Technology US, LLC	19837891.1	Dec 6, 2023	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 19, 2039



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293	502024000011839 (Italy)	Dec 6, 2023	SCG Chemicals PLC. and GTC Technology US, LLC	19837891.1	Dec 6, 2023	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 19, 2039
294	500404195 (Netherlands)	Dec 6, 2023	SCG Chemicals PLC. and GTC Technology US, LLC	19837891.1	Dec 6, 2023	Process for the Separation of Ethylbenzene from Other C8 Aromatic Compounds	-	Jul 19, 2039
295	AU2016363311B2 (Australia)	Mar 25, 2021	SCG Chemicals PLC. and Mitsui Chemicals Inc.	2016363311	May 17, 2018	Ethylene copolymer composition	-	Nov 15, 2036
296	6859349 (Japan)	Mar 29, 2021	SCG Chemicals PLC. and Mitsui Chemicals Inc.	2018-528249	May 30, 2018	Ethylene copolymer composition	-	Nov 15, 2036
297	10,604,643 (United States)	Mar 31, 2020	SCG Chemicals PLC. and Mitsui Chemicals Inc.	15/780,645	Jun 1, 2018	Ethylene copolymer composition	-	Nov 15, 2036
298	ZL201680070606X (China)	Jun 18, 2021	SCG Chemicals PLC. and Mitsui Chemicals Inc.	201680070606.X	Jun 1, 2018	Ethylene copolymer composition	-	Nov 14, 2036
299	EP3176213B1 (Marcedonia)	Apr 24, 2019	SCG Chemicals PLC. and Mitsui Chemicals Inc.	MK/P/2019/609	Apr 24, 2019	Ethylene copolymer composition	-	Dec 3, 2035



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300	2021/01987 (South Africa)	Jan 26, 2022	SCG Chemicals PLC. and INC SQUARE., CO., LTD.	2021/01987	Mar 24, 2021	Waste treatment device	-	Aug 22, 2039
301	85089	Nov 4, 2021	SCG Chemicals PLC. and Bangkok Dusit Medical Services PCL	2002000348	Jan 31, 2020	-	Wheel Chair	Jan 30, 2030
302	Petty Patent 20249	Oct 12, 2022	SCG Chemicals PLC. and Bangkok Dusit Medical Services PCL	2003000203	Jan 31, 2020	Chair	-	Jan 30, 2030
303	Petty Patent 16839	Oct 15, 2019	SCG Chemicals PLC. and SCG Ico Polymer Co., Ltd.	1703002043	Oct 12, 2017	Polyolefin composition for rotomolding process	-	Oct 12, 2027
304	94481	Jun 20, 2023	SCG Chemicals PLC. and A.N.B. Laboratories Co., Ltd.	2102004698	Oct 29, 2021	-	A Part Of Nasal Irrigation Apparatus	Oct 28, 2031
305	Petty Patent 21768	Jun 1, 2023	SCG Chemicals PLC. and A.N.B. Laboratories Co., Ltd.	2103003155	Oct 29, 2021	A Nasal Rinsing Device	-	Oct 29, 2031



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306	7507379 (Japan)	Jun 20, 2024	SCG Chemicals PLC. And Agency for Science, Technology and Research	2020-552303	Sep 28, 2020	A reinforced polyolefin composite	-	Mar 29, 2039
307	12,040,048 (United States)	Oct 1, 2024	SCG Chemicals PLC. and Agency for Science, Technology and Research	17/043,179	Sep 29, 2020	A reinforced polyolefin composite	-	Mar 29, 2039
308	11,993,519 (United States)	May 28, 2024	SCG Chemicals PLC. and Oxford University Innovation Ltd.	16/491,485	Sep 5, 2019	Layered double hydroxide precursor, their preparation process and catalysts prepared therefrom	-	Mar 6, 2038
309	10201806087X (Singapore)	Nov 8, 2024	Thai Polyethylene Co., Ltd.	10201806087X	Jul 16, 2018	Method of preparing a microcrystalline cellulose reinforced polymer composite	-	Jul 16, 2038
310	I765104 (Taiwan)	May 21, 2022	Thai Polyethylene Co., Ltd.	107135400	Oct 8, 2018	Oxidized polyethylene wax	-	Oct 7, 2038
311	7551283 (Japan)	Sep 6, 2024	Thai Polyethylene Co., Ltd.	2019-133575	Jul 19, 2019	A Polypropylene Composition for Retort Packaging Application	-	Jul 18, 2039



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312	3722095 (Italy)	Dec 6, 2023	Thai Polyethylene Co., Ltd.	19188554.0	Jul 7, 2019	A Polypropylene Composition for Retort Packaging Application	-	Jul 26, 2039
313	60 2019 042685.2 (Germany)	Dec 6, 2023	Thai Polyethylene Co., Ltd.	19188554.0	Jul 7, 2019	A Polypropylene Composition for Retort Packaging Application	-	Jul 26, 2039
314	3722095 (Belgium)	Dec 6, 2023	Thai Polyethylene Co., Ltd.	19188554.0	Jul 7, 2019	A Polypropylene Composition for Retort Packaging Application	-	Jul 26, 2039
315	11201907011X (Singapore)	Jul 27, 2022	Thai Polyethylene Co., Ltd.	11201907011X	Jul 30, 2019	Polymer Nanocomposite Masterbatch, Polymer Nanocomposite And Methods for Preparation Thereof	-	Feb 1, 2038
316	MY-192463-A (Malaysia)	Aug 22, 2022	Thai Polyethylene Co., Ltd.	PI2019004585	Aug 8, 2019	Polymer Nanocomposite Masterbatch, Polymer Nanocomposite And Methods for Preparation Thereof	-	Feb 1, 2038
317	435882 (India)	Jun 27, 2023	Thai Polyethylene Co., Ltd.	202017014883	Apr 3, 2020	Oxidized polyethylene wax	-	Sep 13, 2038
318	CN 111201250 B (China)	Mar 14, 2023	Thai Polyethylene Co., Ltd.	2018800658671	Apr 9, 2020	Oxidized polyethylene wax	-	Sep 12, 2038



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319	41050 (Vietnam)	Aug 5, 2024	Thai Polyethylene Co., Ltd.	1-2020-02058	Apr 10, 2020	Oxidized polyethylene wax	-	Sep 13, 2038
320	10-2566914 (Korea)	Aug 9, 2023	Thai Polyethylene Co., Ltd.	2020-7011165	Apr 17, 2020	Oxidized polyethylene wax	-	Sep 13, 2038
321	7481010 (Japan)	Apr 30, 2024	Thai Polyethylene Co., Ltd.	2020-573460	Dec 28, 2020	Method of preparing a microcrystalline cellulose reinforced polymer composite	-	Jul 12, 2039
322	6154332 (China)	Jul 18, 2023	Thai Polyethylene Co., Ltd.	2019800471284	Jan 12, 2021	Method of preparing a microcrystalline cellulose reinforced polymer composite	-	Jul 11, 2039
323	3470440 (Spain)	Apr 21, 2021	Thai Polyethylene Co., Ltd.	17195649.3	Apr 21, 2021	Oxidized polyethylene wax	-	Oct 10, 2037
324	3470440 (Poland)	Apr 21, 2021	Thai Polyethylene Co., Ltd.	17195649.3	Apr 21, 2021	Oxidized polyethylene wax	-	Oct 10, 2037
325	602017036999.3 (Germany)	Apr 21, 2021	Thai Polyethylene Co., Ltd.	17195649.3	Apr 21, 2021	Oxidized polyethylene wax	-	Oct 10, 2037
326	502021000051077 (Italy)	Apr 21, 2021	Thai Polyethylene Co., Ltd.	17195649.3	Apr 21, 2021	Oxidized polyethylene wax	-	Oct 10, 2037
327	TR 2021 008216 T4 (Turkey)	Apr 21, 2021	Thai Polyethylene Co., Ltd.	17195649.3	Apr 21, 2021	Oxidized polyethylene wax	-	Oct 10, 2037



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328	10202104076W (Singapore)	Dec 2, 2022	Thai Polyethylene Co., Ltd.	10202104076W	Apr 21, 2021	Biaxially oriented polypropylene film, method for preparing	-	Apr 21, 2041
329	202080043403.8 (China)	Sep 8, 2023	Thai Polyethylene Co., Ltd.	202080043403.8	Dec 13, 2021	High flow and high stiffness impact copolymer polypropylene	-	Apr 8, 2040
330	3730553 (Germany)	Feb 22, 2023	Thai Polyethylene Co., Ltd.	19171381.7	Feb 22, 2023	Composition comprising an oxidized polyethylene wax, a color masterbatch comprising the same, a product comprising the color masterbatch and the use of the color masterbatch	-	Apr 26, 2039
331	3730553 (Poland)	Feb 22, 2023	Thai Polyethylene Co., Ltd.	19171381.7	Feb 22, 2023	Composition comprising an oxidized polyethylene wax, a color masterbatch comprising the same, a product comprising the color masterbatch and the use of the color masterbatch	-	Apr 26, 2039
332	TR 2023/002532 T4 (Turkey)	Feb 22, 2023	Thai Polyethylene Co., Ltd.	19171381.7	Feb 22, 2023	Composition comprising an oxidized polyethylene wax, a color masterbatch	-	Apr 26, 2039



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						comprising the same, a product comprising the color masterbatch and the use of the color masterbatch		
333	602020018363.9 (Germany)	Sep 27, 2023	Thai Polyethylene Co., Ltd.	20767765.9	Sep 27, 2023	A water-based barrier adhesive and method for producing thereof	-	Sep 3, 2040
334	EP4025424 (France)	Sep 27, 2023	Thai Polyethylene Co., Ltd.	20767765.9	Sep 27, 2023	A water-based barrier adhesive and method for producing thereof	-	Sep 3, 2040
335	502023000067245 (Italy)	Sep 27, 2023	Thai Polyethylene Co., Ltd.	20767765.9	Sep 27, 2023	A water-based barrier adhesive and method for producing thereof	-	Sep 3, 2040
336	ES2967900T3 (Spain)	Sep 27, 2023	Thai Polyethylene Co., Ltd.	20767765.9	Sep 27, 2023	A water-based barrier adhesive and method for producing thereof	-	Sep 3, 2040
337	EP4025424 (Great Britain)	Sep 27, 2023	Thai Polyethylene Co., Ltd.	20767765.9	Sep 27, 2023	A water-based barrier adhesive and method for producing thereof	-	Sep 3, 2040
338	EP4025424 (Netherlands)	Sep 27, 2023	Thai Polyethylene Co., Ltd.	20767765.9	Sep 27, 2023	A water-based barrier adhesive and method for producing thereof	-	Sep 3, 2040



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339	EP3722364 (Netherlands)	Jan 24, 2024	Thai Polyethylene Co., Ltd.	19169031.2	Jan 24, 2024	High flow and high stiffness impact copolymer polypropylene	-	Apr 12, 2039
340	EP3722364 (Czechia)	Jan 24, 2024	Thai Polyethylene Co., Ltd.	19169031.2	Jan 24, 2024	High flow and high stiffness impact copolymer polypropylene	-	Apr 12, 2039
341	4201981 (European)	Aug 14, 2024	Thai Polyethylene Co., Ltd.	21217270.4	Aug 14, 2024	Multimodal polyethylene composition	-	Dec 23, 2041
342	62421	May 11, 2018	Nawaplastic Industries Co., Ltd.	1502003340	Sep 29, 2015	-	Flashing socket	Sep 28, 2025
343	62423	May 11, 2018	Nawaplastic Industries Co., Ltd.	1502003341	Sep 29, 2015	-	Flashing socket	Sep 28, 2025
344	64153	Aug 10, 2018	Nawaplastic Industries Co., Ltd.	1502003693	Oct 26, 2015	-	Door Z Lock	Oct 25, 2025
345	64154	Aug 10, 2018	Nawaplastic Industries Co., Ltd.	1502003694	Oct 26, 2015	-	Window Z Lock	Oct 25, 2025
346	64155	Aug 10, 2018	Nawaplastic Industries Co., Ltd.	1502003695	Oct 26, 2015	-	Window Z Lock	Oct 25, 2025
347	64156	Aug 10, 2018	Nawaplastic Industries Co., Ltd.	1502003696	Oct 26, 2015	-	Door Z Lock	Oct 25, 2025
348	74375	Feb 12, 2020	Nawaplastic Industries Co., Ltd.	1702000767	Mar 8, 2017	-	Rain Chain Gutter	Mar 7, 2027
349	74376	Feb 12, 2020	Nawaplastic Industries Co., Ltd.	1702000768	Mar 8, 2017	-	Rain Chain Gutter	Mar 7, 2027



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350	86232	Jan 7, 2022	Nawaplastic Industries Co., Ltd.	1702000765	Mar 8, 2017	-	JOINT (LOTUS)	Mar 7, 2027
351	86233	Jan 7, 2022	Nawaplastic Industries Co., Ltd.	1702000766	Mar 8, 2017	-	JOINT (TULIP)	Mar 7, 2027
352	86231	Jan 7, 2022	Nawaplastic Industries Co., Ltd.	1702000764	Mar 8, 2017	-	ELBOW 135O (OUTSIDE)	Mar 7, 2027
353	Petty Patent 11978	Sep 29, 2016	Nawaplastic Industries Co., Ltd.	1503001613	Sep 29, 2015	Leakage-proof sleeve	-	Sep 28, 2025
354	Petty Patent 13423	Jan 5, 2018	Nawaplastic Industries Co., Ltd.	1603001707	Sep 8, 2016	Frame assembly and method of installing the same	-	Sep 7, 2026
355	Petty Patent 13891	May 28, 2018	Nawaplastic Industries Co., Ltd.	1703002412	Dec 1, 2017	PVC-Brass Fitting	-	Nov 30, 2027
356	Petty Patent 17831	Jun 7, 2021	Nawaplastic Industries Co., Ltd.	2003002723	Oct 12, 2020	Electrical Concealed Box	-	Oct 12, 2030
357	Petty Patent 24037	Jul 4, 2024	Nawaplastic Industries Co., Ltd.	2303001725	Jun 27, 2023	Brass Fitting With O-Ring	-	Jun 27, 2033
358	54709	Apr 21, 2017	Nawaplastic Industries Co., Ltd.	1401006089	Oct 8, 2014	Rain gutter system	-	Oct 7, 2034



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359	61036	Feb 27, 2018	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	1602002943	Aug 5, 2016	-	Precast electrical box	Aug 4, 2026
360	67420	Jan 14, 2019	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	1602003566	Sep 16, 2016	-	Installation Clip Railing	Sep 15, 2026
361	67421	Jan 14, 2019	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	1602003568	Sep 16, 2016	-	Installation Clip Railing	Sep 15, 2026
362	74379	Feb 12, 2020	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	1702003319	Aug 28, 2017	-	Joiner For Gutter	Aug 27, 2027



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363	74377	Feb 12, 2020	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	1702003317	Aug 28, 2017	-	End Cap For Gutter	Aug 27, 2027
364	74378	Feb 12, 2020	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	1702003318	Aug 28, 2017	-	Hanger For Gutter	Aug 27, 2027
365	78043	Aug 19, 2020	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	1702003321	Aug 28, 2017	-	Gutter Part	Aug 27, 2027
366	78042	Aug 19, 2020	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	1702003320	Aug 28, 2017	-	Gutter Part	Aug 27, 2027



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367	78300	Aug 31, 2020	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	1702003322	Aug 28, 2017	-	Standard For Gutter	Aug 27, 2027
368	Petty Patent 2452	Sep 22, 2020	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	2-2016-00350	Sep 28, 2016	Leakage-Proof Sleeve	-	Sep 28, 2026
369	Petty Patent 3434	Dec 15, 2020	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	S00201606522	Sep 28, 2016	Leakage-Proof Sleeve	-	Sep 27, 2026
370	Petty Patent 26 (Laos)	Jun 24, 2022	Nawaplastic Industries Co., Ltd. and The Nawaplastic Industries (Saraburi) Co., Ltd.	PPT26	Sep 28, 2016	Leakage-Proof Sleeve	-	Sep 29, 2026



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371	KH/P/2015/00053 (Cambodia)	Oct 7, 2017	The Nawaplastic Industries (Saraburi) Co., Ltd.	KH/P/2015/00053	Oct 7, 2015	Rain gutter system	-	Oct 7, 2035
372	69092	Mar 29, 2019	SCG Performance Chemicals Co., Ltd. and National Healthcare Systems Co., Ltd.	1602003570	Sep 16, 2016	-	Medical container	Sep 15, 2026
373	102501	Aug 15, 2024	Texplora Co., Ltd., Bangkok Dusit Medical Services Public Company Limited	2002004707	Oct 19, 2020	-	Plant pot	Oct 19, 2030
374	Petty Patent 21017	Feb 28, 2023	Texplora Co., Ltd., and Bangkok Dusit Medical Services Public Company Limited	2003002798	Oct 19, 2020	Plant pot	-	Oct 18, 2030
375	80564	Jan 7, 2021	Rayong Engineering & Plant Service Co., Ltd.	1902001585	Apr 29, 2019	-	A device for detecting corrosion of a metal part	Apr 28, 2029



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
376	30201805823Q (Singapore)	Nov 1, 2018	Rayong Engineering & Plant Service Co., Ltd.	30201805823Q	Nov 1, 2018	-	A device for detecting corrosion of a metal part	Nov 1, 2038
377	32288 (Vietnam)	Feb 18, 2021	Rayong Engineering & Plant Service Co., Ltd.	3-2019-01073	Apr 26, 2019	-	A device for detecting corrosion of a metal part	Apr 26, 2034
378	IDD000055165 (Indonesia)	Dec 27, 2019	Rayong Engineering & Plant Service Co., Ltd.	A00201901351	Apr 29, 2019	-	A device for detecting corrosion of a metal part	Apr 29, 2029
379	Petty Patent 22883	Dec 7, 2023	Rayong Engineering & Plant Service Co., Ltd.	2003002286	Sep 16, 2020	System for monitoring working environment of worker	-	Sep 16, 2030
380	Petty Patent 24192	Aug 1, 2024	Rayong Engineering & Plant Service Co., Ltd.	2203003488	Dec 28, 2022	Suction Anchor For Floating Solar Arrangement	-	Dec 28, 2032
381	Petty Patent 23261	Mar 6, 2024	Rayong Engineering & Plant Service Co., Ltd.	2303002100	Jul 27, 2023	Boiler Inspection Robot	-	Jul 27, 2033



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382	2016102 (Netherland)	Aug 2, 2017	Rayong Engineering & Plant Service Co., Ltd.	2016102	Jan 15, 2016	Movable detector and methods for inspecting elongated tube-like objects in equipment	-	Jan 15, 2036
383	1730034 (Taiwan)	Jun 11, 2021	Rayong Engineering & Plant Service Co., Ltd.	106101229	Jan 13, 2017	Movable Detector and Methods for Inspecting Elongated tube-like objects in Equipment	-	Jan 12, 2037
384	10-2737944-0000 (Republic of Korea)	Nov 29, 2024	Rayong Engineering and Plant Service Co., Ltd.	20177027766	Sep 28, 2017	Movable Detector And Methods For Inspecting Elongated Tube-Like Objects In Equipment	-	Jan 16, 2037
385	US10656120B (United States)	May 19, 2020	Rayong Engineering & Plant Service Co., Ltd.	15/755,306	Feb 26, 2018	Movable Detector and Methods for Inspecting Elongated tube-like objects in Equipment	-	Jan 16, 2037 (PCT filing date Jan 16, 2017)
386	522612 (India)	Mar 8, 2024	Rayong Engineering & Plant Service Co., Ltd.	201817023777	Jun 26, 2018	Movable Detector And Methods For Inspecting Elongated Tube-Like Objects In Equipment	-	Jan 16, 2037
387	3010502 (Canada)	Oct 13, 2020	Rayong Engineering & Plant Service Co., Ltd.	3,010,502	Jul 3, 2018	Movable Detector and Methods for Inspecting Elongated tube-like objects in Equipment	-	Jan 16, 2037



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
388	BR 112018014075-9 (Brazil)	Jul 4, 2023	Rayong Engineering & Plant Service Co., Ltd.	112018014075-9	Jul 10, 2018	Movable Detector And Methods For Inspecting Elongated Tube-Like Objects In Equipment	-	Jan 16, 2037
389	10201809733T (Singapore)	Aug 27, 2021	Rayong Engineering & Plant Service Co., Ltd.	10201809733T	Nov 1, 2018	Device and method for detecting corrosion of a metal part	-	Nov 1, 2038
390	ES300311925 (Spain)	Feb 27, 2019	Rayong Engineering & Plant Service Co., Ltd.	17730285.8	Feb 27, 2019	Movable detector and methods for inspecting elongated tube-like objects in equipment	-	Sep 22, 2037
391	EP3259570 (Great Britain)	Feb 27, 2019	Rayong Engineering & Plant Service Co., Ltd.	17730285.8	Feb 27, 2019	Movable detector and methods for inspecting elongated tube-like objects in equipment	-	Sep 22, 2037
392	EP3259570 (Belgium)	Feb 27, 2019	Rayong Engineering & Plant Service Co., Ltd.	17730285.8	Feb 27, 2019	Movable detector and methods for inspecting elongated tube-like objects in equipment	-	Sep 22, 2037
393	DE602017002393.0 (Germany)	Feb 27, 2019	Rayong Engineering & Plant Service Co., Ltd.	17730285.8	Feb 27, 2019	Movable detector and methods for inspecting elongated tube-like objects in equipment	-	Sep 22, 2037



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394	35632 (Vietnam)	Apr 4, 2023	Rayong Engineering & Plant Service Co., Ltd.	1-2019-06068	Oct 30, 2019	Device and method for detecting corrosion of a metal part	-	Oct 30, 2039
395	10202002145T (Singapore)	Mar 15, 2024	Rayong Engineering & Plant Service Co., Ltd.	10202002145T	Mar 9, 2020	An Apparatus And Method For Detecting Deterioration Of A Rotating Part	-	Mar 9, 2040
396	92739 (Thailand)	Apr 3, 2023	SMH Co., Ltd.	1701004181	Jul 26, 2017	Catalyst And Process For Producing Olefin	-	Jan 28, 2036
397	US10,457,616 (United States)	Oct 29, 2019	SMH Co., Ltd.	15/515,703	Mar 30, 2017	Catalyst And Process For Producing Olefin	-	Jan 29, 2036
398	US10,350,587 (United States)	Jul 16, 2019	SMH Co., Ltd.	15/515,720	Mar 30, 2017	Catalyst system for olefin metathesis	-	Mar 16, 2036
399	10-2276507 (Republic of Korea)	Jul 13, 2021	SMH Co., Ltd.	1020177010724	Apr 20, 2017	Metathesis Catalyst On Mixed Metal Oxide-Zeolite Support And Process for Use Thereof	-	Oct 28, 2034
400	2016800053504 (China)	May 25, 2021	SMH Co., Ltd.	2016800053504	Jul 10, 2017	Catalyst And Process For Producing Olefin	-	Jan 28, 2036
401	2016800056930 (China)	May 25, 2021	SMH Co., Ltd.	2016800056930	Jul 13, 2017	Catalyst system for olefin metathesis	-	Mar 15, 2036
402	10-2498318 (Korea)	Feb 6, 2023	SMH Co., Ltd.	1020177021062	Jul 26, 2017	Catalyst And Process For Producing Olefin	-	Jan 29, 2036



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403	10-2510961 (Korea)	Mar 13, 2023	SMH Co., Ltd.	1020177026285	Sep 18, 2017	Catalyst system for olefin metathesis	-	Mar 16, 2036
404	US10336947 (United States)	Jul 2, 2019	SMH Co., Ltd.	15/737,762	Dec 19, 2017	A Process For Conversion Of A Hydrocarbon Feed	-	Jun 29, 2036
405	6802311 (Japan)	Nov 30, 2020	SMH Co., Ltd.	2019-057525	Mar 26, 2019	Metathesis catalyst on mixed metal oxide-zeolite support and process for using same	-	Oct 28, 2034
406	11,383,225 (United States)	Jul 17, 2022	SMH Co., Ltd.	16/468,859	Jun 12, 2019	Hydrocarbon conversion catalyst system	-	Nov 30, 2037
407	10201908835P (Singapore)	Dec 22, 2023	SMH Co., Ltd.	10201908835P	Sep 24, 2019	Metathesis catalyst on mixed metal oxide-zeolite support and process for use thereof	-	Oct 28, 2034
408	602015061735.5 (Germany)	Nov 4, 2020	SMH Co., Ltd.	17171366.2	Nov 4, 2020	Catalyst system for olefin metathesis	-	Mar 20, 2035
409	6272237 (Japan)	Jan 12, 2018	Norner AS	2014-555196A	Jan 31, 2013	Multimodal Polyethylene Polymers And Process Preparing Said Polymer	-	Jan 31, 2033
410	102049537 (Republic of Korea)	Nov 21, 2019	Norner AS	1020147024238	Aug 28, 2014	Multimodal Polyethylene Polymers And Process Preparing Said Polymer	-	Jan 31, 2033

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411	30126 (Vietnam)	Oct 14, 2021	Norner AS	1-2014-02915	Aug 29, 2014	Multimodal Polyethylene Polymers And Process Preparing Said Polymer	-	Jan 31, 2033
412	CN201380017952.8 (China)	Oct 12, 2016	Norner AS	201380017952.8	Sep 29, 2014	Multimodal polyethylene polymers and processes preparing said polymer	-	Jan 30, 2033
413	2694769 (Russia)	Jul 16, 2019	Norner AS	2017126222	Jul 21, 2015	Polyethylene for Pipes	-	Dec 21, 2035
414	10201606270T (Singapore)	Feb 6, 2023	Norner AS	10201606270T	Jul 28, 2016	Multimodal Polyethylene Polymers And Process Preparing Said Polymer	-	Jan 31, 2033
415	AT-E 0892284 (Austria)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033
416	EP2930205 (Belgium)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033
417	DE602013021133.7 (Germany)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033

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418	ES2636781 (Spain)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033
419	EP2930205 (France)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033
420	EP2930205B1 (Great Britain)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033
421	E15164618 (Hungary)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033
422	EP2930205 (Poland)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033
423	EP2930205 (Portugal)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033

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424	EP/00274/2021 (Romania)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033
425	TR 201711428 (Turkey)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033
426	832021000013322 (Italy)	May 10, 2017	Norner AS	15164618.9	May 10, 2017	Multimodal polyethylene polymers and process preparing said polymer (Divisional application)	-	Jan 31, 2033
427	10604603 (United States)	Mar 31, 2020	Norner AS	15/538,380	Jun 21, 2017	Polyethylene for Pipes	-	Dec 21, 2035
428	6800162 (Republic of Korea)	Nov 26, 2020	Norner AS	2017-551025	Jun 21, 2017	Polyethylene for Pipes	-	Dec 21, 2035
429	398185 (Mexico)	Dec 1, 2022	Norner AS	MX/a/2017/008336	Jun 21, 2017	Polyethylene for Pipes	-	Dec 21, 2035
430	2971787 (Canada)	May 2, 2023	Norner AS	2971787	Jun 21, 2017	Polyethylene For Pipes	-	Dec 21, 2035
431	MY-181088-A (Malaysia)	Dec 17, 2020	Norner AS	PI2017000957	Jun 22, 2017	Polyethylene for Pipes	-	Dec 21, 2035



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432	3237468 (European)	Jul 17, 2024	Norner AS	15813081.5	Jul 18, 2017	Polyethylene For Pipes	-	Dec 21, 2035
433	343425 (India)	Aug 5, 2020	Norner AS	201717025778	Jul 20, 2017	Polyethylene for Pipes	-	Dec 21, 2035
434	IDP000064262 (Indonesia)	Nov 1, 2019	Norner AS	P-00201704821	Jul 21, 2017	Polyethylene for Pipes	-	Jul 21, 2037
435	2526141 (Korea)	Apr 21, 2023	Norner AS	1020177020614	Jul 21, 2017	Polyethylene For Pipes	-	Dec 21, 2035
436	ZL201580075419.6 (China)	Jun 4, 2021	Norner AS	201580075419.6	Aug 3, 2017	Polyethylene for Pipes	-	Dec 20, 2035
437	6820249 (Japan)	Jan 6, 2021	Norner AS	2017-251391A	Dec 27, 2017	Multimodal Polyethylene Polymers And Process Preparing Said Polymer	-	Jan 31, 2033
438	2198772 (Japan)	Dec 29, 2020	Norner AS	2019-7034461	Nov 21, 2019	Multimodal Polyethylene Polymers And Process Preparing Said Polymer	-	Jan 31, 2033
439	10995169 (United States)	May 4, 2021	Norner AS	16/806,397	Feb 3, 2020	Polyethylene for Pipes	-	Dec 21, 2035
440	MY-196024-A (Malaysia)	Mar 7, 2023	Norner AS	PI2020006475	Dec 4, 2020	Polyethylene For Pipes	-	Dec 21, 2035



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441	10-2367034 (Republic of Korea)	Feb 21, 2022	Norner AS	2020-7037826	Dec 29, 2020	Multimodal Polyethylene Polymers And Process Preparing Said Polymer	-	Jan 31, 2033
442	7361733 (Japan)	Oct 5, 2023	Norner AS	2021-126	Jan 4, 2021	Multimodal Polyethylene Polymers And Process Preparing Said Polymer	-	Jan 31, 2033
443	11477 (Saudi Arabia)	Nov 25, 2022	Norner AS	521421470	Mar 15, 2021	Polyethylene For Pipes	-	Dec 20, 2035
444	113214421B (China)	May 9, 2023	Norner AS	202110508000.2	May 10, 2021	Polyethylene For Pipes	-	Dec 20, 2035
445	Petty Patent 3,246,748	May 10, 2024	Circular Plas Co., Ltd, Toyo Engineering Corporation	2023-004499	Dec 15, 2023	Pyrolysis Reactor and Method for Operating Same	-	May 10, 2034
446	10202010859V (Singapore)	Dec 6, 2021	Circular Plas Co., Ltd.	10202010859V	Oct 30, 2020	System And Method For Converting Waste Plastic Materials To Useful Products, And Solid Compression Unit	-	Oct 30, 2040
447	10202010859V (Singapore)	Dec 6, 2021	Circular Plas Co., Ltd.	10202010859V	Oct 30, 2020	System And Method For Converting Waste Plastic Materials To Useful Products, And Solid Compression Unit	-	Oct 30, 2040



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SCGP Business								
448	87035	Mar 18, 2022	SCG Packaging PLC.	1902001536	Apr 23, 2019	-	Patterns on sheet material	Apr 22, 2029
449	99820	Mar 27, 2024	SCG Packaging PLC.	2102001969	May 13, 2021	-	Syringe removal lid	May 12, 2021
450	Petty Patent 11664	Jun 28, 2016	SCG Packaging PLC.	1503001838	Oct 29, 2015	Investigated method of macro sticky in paper pulp	-	Oct 28, 2025
451	Petty Patent 12725	Jun 7, 2017	SCG Packaging PLC.	1503001837	Oct 29, 2015	Multi floors truck	-	Oct 28, 2025
452	Petty Patent 14843	Jan 21, 2019	SCG Packaging PLC.	1703002391	Mar 29, 2017	Soil covering material having structural layers	-	Mar 28, 2027
453	Petty Patent 24791	Nov 12, 2024	SCG Packaging PLC.	2303002445	Aug 31, 2023	Welding image analysis system via mobile phone and said analysis process	-	Aug 30, 2033
454	78568	Sep 16, 2020	SCG Packaging PLC.	0901000582	Feb 11, 2009	Folding chair blanks and chair made by folding said blanks	-	Feb 10, 2029
455	90502	Dec 15, 2022	SCG Packaging PLC.	1601007779	Dec 27, 2016	Sheet material comprising fiber and nano-microscale organic fibrillated filler and method of producing said sheet material	-	Dec 26, 2036



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456	11313082B1 (USA)	Apr 26, 2022	SCG Packaging PLC.	16/488,710	Apr 19, 2017	Sheet material comprising fiber and nano-microscale organic fibrillated filler and method of producing said sheet material	-	Apr 18, 2037
457	IP000083629 (Indonesia)	Oct 18, 2022	SCG Packaging PLC.	P00201910086	Apr 19, 2017	Sheet material comprising fiber and nano-microscale organic fibrillated filler and method of producing said sheet material	-	Apr 18, 2037
458	110139959B (China)	Nov 15, 2022	SCG Packaging PLC.	201780080932.3	Apr 19, 2017	Sheet material comprising fiber and nano-microscale organic fibrillated filler and method of producing said sheet material	-	Apr 18, 2037
459	10039689B (Vietnam)	Apr 5, 2024	SCG Packaging PLC.	1-2019-04073	Apr 19, 2017	Sheet material comprising fiber and nano-microscale organic fibrillated filler and method of producing said sheet material	-	Apr 18, 2037
460	10039748B (Vietnam)	Apr 9, 2024	SCG Packaging PLC.	1-2021-00703	Jul 19, 2019	A package capable of releasing pressure	-	Jul 18, 2039
461	P000085515 (Indonesia)	Feb 7, 2023	SCG Packaging PLC.	P00201908572	Sep 27, 2019	Soil covering material having structural layers	-	Sep 26, 2039



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462	10041181B (Vietnam)	Aug 19, 2024	SCG Packaging PLC.	1-2021-03846	Nov 8, 2019	Susceptor film structure for packaging used with microwave ovens and packaging comprising the said susceptor film structure	-	Nov 7, 2039
463	85634	Dec 3, 2021	SCG Packaging PLC and Asoke Skin Hospital Co., Ltd.	1902002917	Jul 26, 2019	-	Wound closure device	Jul 25, 2029
464	85635	Dec 3, 2021	SCG Packaging PLC and Asoke Skin Hospital Co., Ltd.	1902002918	Jul 26, 2019	-	Wound closure device	Jul 25, 2029
465	Petty Patent 16465	Jul 9, 2020	SCG Packaging PLC and Asoke Skin Hospital Co., Ltd.	1903001921	Jul 26, 2019	Wound closure device	-	Jul 25, 2029
466	95167	Aug 3, 2023	SCG Packaging PLC. and Siam Kraft Industry Co., Ltd.	2101005254	Sep 3, 2021	Composition for constuction materials and construction materials made of said composition	-	Sep 2, 2041
467	Petty Patent 19736	May 19, 2022	Siam Kraft Industry Co., Ltd.	2103002126	Jul 30, 2021	Double-threaded water ring	-	Jul 29, 2031



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468	Petty Patent 21180	Mar 17, 2023	Siam Kraft Industry Co., Ltd.	2103002761	Sep 23, 2021	Roll surface defects detection system based on deep learning	-	Sep 22, 2031
469	Petty patent 22909	Dec 12, 2023	Siam Kraft Industry Co., Ltd.	2203002827	Oct 12, 2022	Wireless temperature sensor system	-	Oct 11, 2032
470	Petty patent 24092	Jul 11, 2024	Siam Kraft Industry Co., Ltd.	2303001752	Jun 29, 2023	Propeller agitators with adjustable blade angle	-	Jun 28, 2033
471	Petty patent 24790	Nov 12, 2024	Siam Kraft Industry Co., Ltd.	2403000136	Jan 16, 2024	Edge polishing apparatus	-	Jan 15, 2034
472	Petty patent 24141	Jul 24, 2024	Siam Kraft Industry Co., Ltd, Gypmantech Co., Ltd and Wilsonart (Thailand) Co., Ltd	2103001905	Jan 2, 2021	Laminated material and said method of producing laminated material	-	Jan 1, 2031
473	66067	Nov 6, 2018	Thai Containers Group Co., Ltd.	1502003764	Oct 29, 2015	-	Folding chair	Oct 28, 2025
474	66068	Nov 6, 2018	Thai Containers Group Co., Ltd.	1502003765	Oct 29, 2015	-	Folding chair blank	Oct 28, 2025
475	69428	Apr 23, 2019	Thai Containers Group Co., Ltd.	1702000703	Mar 3, 2017	-	Container	Mar 2, 2027
476	69429	Apr 23, 2019	Thai Containers Group Co., Ltd.	1702000704	Mar 3, 2017	-	Container blank	Mar 2, 2027
477	70253	Jun 11, 2019	Thai Containers Group Co., Ltd.	1702002115	Jun 8, 2017	-	Container	Jun 7, 2027



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478	70254	Jun 11, 2019	Thai Containers Group Co., Ltd.	1702002116	Jun 8, 2017	-	Container blank	Jun 7, 2027
479	70255	Jun 11, 2019	Thai Containers Group Co., Ltd.	1702002117	Jun 8, 2017	-	Container	Jun 7, 2027
480	70256	Jun 11, 2019	Thai Containers Group Co., Ltd.	1702002118	Jun 8, 2017	-	Container blank	Jun 7, 2027
481	71053	Aug 8, 2019	Thai Containers Group Co., Ltd.	1702002533	July 7, 2017	-	Container blank	July 6, 2027
482	71054	Aug 8, 2019	Thai Containers Group Co., Ltd.	1702002534	July 7, 2017	-	Container blank	July 6, 2027
483	87637	Apr 21, 2022	Thai Containers Group Co., Ltd.	1802004515	Oct 19, 2018	-	Corrugated packaging and paper quality testing device	Oct 18, 2028
484	80797	Jan 25, 2021	Thai Containers Group Co., Ltd.	1802005464	Dec 21, 2018	-	Container	Dec 20, 2028
485	80798	Jan 25, 2021	Thai Containers Group Co., Ltd.	1802005465	Dec 21, 2018	-	Container blank	Dec 20, 2028
486	80799	Jan 25, 2021	Thai Containers Group Co., Ltd.	1802005466	Dec 21, 2018	-	Container blank	Dec 20, 2028
487	87243	Mar 29, 2022	Thai Containers Group Co., Ltd.	2002002690	Jun 23, 2020	-	Chair	Jun 22, 2030
488	98492	Jan 25, 2024	Thai Containers Group Co., Ltd.	2002004180	Sep 15, 2020	-	Container blank	Sep 14, 2030
489	100380	Apr 25, 2024	Thai Containers Group Co., Ltd.	2102001423	Mar 26, 2021	-	Container blank	Mar 25, 2031



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490	100381	Apr 25, 2024	Thai Containers Group Co., Ltd.	2102001424	Mar 26, 2021	-	Container blank	Mar 25, 2031
491	100382	Apr 25, 2024	Thai Containers Group Co., Ltd.	2102001425	Mar 26, 2021	-	Container blank	Mar 25, 2031
492	100741	May 17, 2024	Thai Containers Group Co., Ltd.	2102001599	Apr 8, 2021	-	Container blank	Apr 9, 2031
493	93555	May 11, 2023	Thai Containers Group Co., Ltd.	2102001766	Apr 23, 2021	-	Chair	Apr 22, 2031
494	104810	Nov 11, 2024	Thai Containers Group Co., Ltd.	2102002805	Jul 6, 2021	-	Container blank	Jul 5, 2031
495	104811	Nov 11, 2024	Thai Containers Group Co., Ltd.	2102002806	Jul 6, 2021	-	Container blank	Jul 5, 2031
496	99293	Mar 1, 2024	Thai Containers Group Co., Ltd.	2102004055	Sep 30, 2021	-	Pet house	Sep 29, 2031
497	99294	Mar 1, 2024	Thai Containers Group Co., Ltd.	2102004056	Sep 30, 2021	-	Pet house	Sep 29, 2031
498	104133	Oct 21, 2024	Thai Containers Group Co., Ltd.	2202000527	Feb 10, 2022	-	Pet house	Feb 9, 2032
499	104938	Nov 20, 2024	Thai Containers Group Co., Ltd.	2202000528	Feb 10, 2022	-	Pet house	Feb 9, 2032
500	3-0032002-000 (Vietnam)	Dec, 21 2020	Thai Containers Group Co., Ltd.	3-2020-00225	Jan 22, 2020	-	Folding chair blank	Jan 21, 2535
501	3-0032001-000 (Vietnam)	Sep 23, 2021	Thai Containers Group Co., Ltd.	3-2020-00224	Jan 22, 2020	-	Chair	Jan 21, 2535



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502	Petty Patent 11075	Jan 26, 2016	Thai Containers Group Co., Ltd.	1503000291	Mar 9, 2015	Box with a creaser line and production thereof	-	Mar 8, 2025
503	Petty Patent 15813	Jan 10, 2020	Thai Containers Group Co., Ltd.	1803002959	Dec 21, 2018	Ventilated packaging	-	Dec 21, 2028
504	Petty Patent 18343	Oct 8, 2021	Thai Containers Group Co., Ltd.	2003002276	Sep 15, 2020	Stackable corrugated tray	-	Sep 14, 2030
505	Petty Patent 19320	Feb 18, 2022	Thai Containers Group Co., Ltd.	2103000925	Mar 26, 2021	Multi-packed packaging	-	Mar 25, 2031
506	Petty patent 21033	Mar 2, 2023	Thai Containers Group Co., Ltd.	2103001926	Jul 6, 2021	Sheet with locking mechanism	-	Jul 5, 2031
507	Petty patent 23180	Feb 15, 2024	Thai Containers Group Co., Ltd.	2303001705	Sep 30, 2021	Apparatus for attachment of carrier sheet to bundle of product	-	Sep 29, 2031
508	Petty patent 22703	Oct 26, 2023	Thai Containers Group Co., Ltd.	2103003521	Nov 29, 2021	Ventilated packaging	-	Nov 28, 2031
509	Petty patent 22395	Sep 6, 2023	Thai Containers Group Co., Ltd.	2203000257	Jan 31, 2022	Container having reinforced walls	-	Jan 30, 2032
510	66433	Nov 19, 2018	Thai Containers Group Co., Ltd.	0701006255	Dec 7, 2007	Chair	-	Dec 6, 2027
511	72812	Nov 25, 2019	Thai Containers Group Co., Ltd.	0701006254	Dec 7, 2007	Assembly chair	-	Dec 6, 2027
512	66314	Nov 13, 2018	Thai Paper Co.,Ltd.	1502003339	Sep 29, 2015	-	Container blank	Sep 28, 2025



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
513	61702	Mar 30, 2018	Thai Paper Co.,Ltd.	1502003338	Sep 29, 2015	-	Container	Sep 28, 2025
514	61703	Mar 30, 2018	Thai Paper Co.,Ltd.	1502004005	Nov 24, 2015	-	Container	Nov 23, 2025
515	61704	Mar 30, 2018	Thai Paper Co.,Ltd.	1502004006	Nov 24, 2015	-	Container blank	Nov 23, 2025
516	61705	Mar 30, 2018	Thai Paper Co.,Ltd.	1502004007	Nov 24, 2015	-	Container blank	Nov 23, 2025
517	58757	Nov 3, 2017	Thai Paper Co.,Ltd.	1502004293	Dec 17, 2015	-	Container	Dec 16, 2025
518	58758	Nov 3, 2017	Thai Paper Co.,Ltd.	1502004294	Dec 17, 2015	-	Container	Dec 16, 2025
519	58759	Nov 3, 2017	Thai Paper Co.,Ltd.	1502004295	Dec 17, 2015	-	Container blank	Dec 16, 2025
520	58760	Nov 3, 2017	Thai Paper Co.,Ltd.	1502004296	Dec 17, 2015	-	Container blank	Dec 16, 2025
521	63510	Jul 5, 2018	Thai Paper Co.,Ltd.	1602001211	Mar 31, 2016	-	Container	Mar 30, 2026
522	71076	Aug 9, 2019	Thai Paper Co.,Ltd.	1702002840	July 27, 2017	-	Container	July 26, 2027
523	71077	Aug 9, 2019	Thai Paper Co.,Ltd.	1702002841	July 27, 2017	-	Container blank	July 26, 2027
524	66313	Nov13, 2018	Thai Paper Co.,Ltd.	1702002966	Aug 4, 2017	-	Lid	Aug 3, 2027
525	83266	Jun 25, 2021	Thai Paper Co.,Ltd.	1702002965	Aug 4, 2017	-	Container	Aug 3, 2027
526	72457	Nov 8, 2019	Thai Paper Co.,Ltd.	1702004851	Nov 30, 2017	-	Container belt blank	Nov 29, 2027
527	72458	Nov 8, 2019	Thai Paper Co.,Ltd.	1702004852	Nov 30, 2017	-	Container with belt	Nov 29, 2027
528	72459	Nov 8, 2019	Thai Paper Co.,Ltd.	1702004853	Nov 30, 2017	-	Container with belt	Nov 29, 2027
529	73657	Jan 10, 2020	Thai Paper Co.,Ltd.	1702005000	Dec 14, 2017	-	Container	Dec 14, 2027
530	73658	Jan 10, 2020	Thai Paper Co.,Ltd.	1702004999	Dec 14, 2017	-	Container	Dec 14, 2027
531	73659	Jan 10, 2020	Thai Paper Co.,Ltd.	1702005001	Dec 14, 2017	-	Container	Dec 14, 2027
532	87034	Mar 18, 2022	Thai Paper Co.,Ltd.	1902004226	Oct 22, 2019	-	Container	Oct 21, 2029



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
533	307866870S (China)	Feb 28, 2023	Thai Paper Co.,Ltd.	202230323884X	May 30, 2022	-	Paper plate	May 29, 2032
534	D1729243 (Japan)	Oct 27, 2022	Thai Paper Co.,Ltd.	11732/2022	Jun 15, 2022	-	The plates for containing foods	Jun 14, 2032
535	Petty Patent 12796	Jun 23, 2017	Thai Paper Co.,Ltd.	1603001729	Sep 9, 2016	Food container	-	Sep 8, 2026
536	Petty Patent 13983	Jun 15, 2018	Thai Paper Co.,Ltd.	1603000174	Feb 1, 2016	Packaging having separated containers	-	Jan 31, 2026
537	Petty patent 15101	Apr 17, 2019	Thai Paper Co.,Ltd.	1703001413	Aug 4, 2017	Food container	-	Aug 3, 2027
538	Petty patent 17927	Jun 24, 2021	Thai Paper Co.,Ltd.	2003003287	Dec 7, 2020	Paper Spoon	-	Dec 6, 2030
539	Petty patent 17928	Jun 24, 2021	Thai Paper Co.,Ltd.	2003003288	Dec 7, 2020	Paper Spoon	-	Dec 6, 2030
540	Petty patent 18748	Nov 25, 2021	Thai Paper Co.,Ltd.	2003003453	Dec 28, 2020	Food container	-	Dec 27, 2030
541	Petty patent 22837	Nov 27, 2023	Thai Paper Co.,Ltd.	2203000362	Feb 9, 2022	Paper plate for containing foods	-	Feb 8, 2032
542	Petty patent 24119	Jul 18, 2024	Thai Paper Co.,Ltd.	2303001357	May 22, 2023	Compartment food tray	-	May 21, 2033



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
543	Petty patent 24120	18 ก.ค. 67	Thai Paper Co.,Ltd.	2303001358	May 22, 2023	Paper tray for heating foods	-	May 21, 2033
544	Petty patent 218246676U (China)	Jan 10, 2023	Thai Paper Co.,Ltd.	202221330605.3	May 30, 2022	Paper plate for containing foods	-	May 29, 2032
545	Petty patent 3238766U (Japan)	Aug 10, 2022	Thai Paper Co.,Ltd.	U2022-002040	Jun 20, 2022	Paper plate for containing foods	-	Jun 19, 2032
546	Petty patent 22396	Sep 6, 2023	Siam Forestry Co.,Ltd.	2203000591	Mar 7, 2022	Device for determining amount and diameter of wood in wood pile from image data by using deep learning and the method of the device thereof	-	Mar 6, 2032
547	3-2013-000811 (Philipins)	May 14, 2014	Visy R&D Pty Ltd	3-2013-000811	July 5, 2013	-	Screw cap for a jar	July 5, 2028
548	USD723370S (USA)	Mar 3, 2015	Visy R&D Pty Ltd	29/459,982	July 5, 2013	-	Screw cap for a jar	Mar 2, 2029

No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
549	Petty patent 22336	Aug 28, 2023	Vexcel Pack Co.,Ltd.	2103003638	May 28, 2020	Methods of manufacturing multi-layered polymer composites with high oxygen barrier	-	May 27, 2030
550	2686829B1 (Spain)	Jul 30, 2019	Detalab, S.L.	ES2017238A	Mar 22, 2017	Container comprising a security seal	-	Mar 22, 2037
551	001303630-0001 (European Union)	Dec 1, 2011	Nirco, S.L.	001303630-0001	Nov 24, 2011	-	Sample processors	Nov 24, 2026
552	001303630-0002 (European Union)	Dec 1, 2011	Nirco, S.L.	001303630-0002	Nov 24, 2011	-	Sample processors	Nov 24, 2026
553	2442491B1 (Spain)	Nov 13, 2014	Nirco, S.L.	201200714	Jul 4, 2012	Test tube	-	Jul 3, 2032
554	2776176T3 (Spain)	May 13, 2058	Nirco, S.L.	ES2013813228T	Jul 2, 2013	Test tube	-	Jul 1, 2033
555	9381514B2 (USA)	Jul 5, 2016	Nirco, S.L.	14/411,813	Jul 2, 2013	Test tube	-	Jul 1, 2033
556	2870998B1 (Ireland)	Dec 11, 2019	Nirco, S.L.	13813228.7	Jul 2, 2013	Test tube	-	Jul 1, 2033

SCG Cement and Green Solutions Business



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
557	Petty Patent 12528	Mar 21, 2017	SCG Cement Co., Ltd.	1603000176	Feb 2, 2016	Textured concrete element	-	Feb 1, 2026
558	Petty Patent 13535	Feb 7, 2018	SCG Cement Co., Ltd.	1603000177	Feb 2, 2016	Repairing Cement	-	Feb 1, 2026
559	Petty Patent 13614	Feb 28, 2018	SCG Cement Co., Ltd.	1603000645	Apr 20, 2016	Flexible mortar for construction joint sealing	-	Apr 19, 2026
560	Petty Patent 13229	Nov 3, 2017	SCG Cement Co., Ltd.	1603001193	Jun 6, 2016	Pigment for cementitious material and manufacturing method thereof	-	Jun 5, 2026
561	Petty Patent 12794	Jun 23, 2017	SCG Cement Co., Ltd.	1603001632	Sep 2, 2016	Big bag transporting device	-	Sep 1, 2026
562	Petty Patent 16130	Apr 15, 2020	SCG Cement Co., Ltd.	1603001865	Sep 21, 2016	System for reducing sulphurdioxide gas in cement production process which is directly connected to raw mill and method for reducing said sulphurdioxide gas	-	Sep 20, 2026
563	Petty Patent 15051	Mar 8, 2019	SCG Cement Co., Ltd.	1703001373	Jul 27, 2017	Expansive agent	-	Jul 26, 2027
564	Petty Patent 17337	Feb 16, 2021	SCG Cement Co., Ltd.	1703002536	Dec 21, 2017	Expanding agent for building material products	-	Dec 20, 2027



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
565	Petty Patent 19319	Feb 18, 2022	SCG Cement Co., Ltd.	1903000403	Feb 13, 2019	Asphalt composition with natural rubber	-	Feb 12, 2029
566	Petty Patent 20154	Sep 1, 2022	SCG Cement Co., Ltd.	2003000204	Jan 31, 2020	Screw pile	-	Jan 30, 2030
567	Petty Patent 17848	Jun 11, 2021	SCG Cement Co., Ltd.	2003000316	Feb 14, 2020	A method to produce clinker which utilizes waste as fuel	-	Feb 13, 2030
568	81105	Feb 10, 2021	SCG Cement Co., Ltd.	0701004724	Sep 19, 2007	Cementitious composition which has very high early strength at room temperature and long shelf life	-	Sep 18, 2027
569	82434	Apr 23, 2021	SCG Cement Co., Ltd.	0801005928	Nov 18, 2008	Acid resisting cement	-	Nov 17, 2028
570	91848	Mar 2, 2023	SCG Cement Co., Ltd.	0801006708	Dec 26, 2008	Artificial lightweight aggregate made from industrial waste	-	Dec 25, 2028
571	93261	Apr 26, 2023	SCG Cement Co., Ltd.	0901001131	Mar 13, 2009	Cement composition with high early strength and excellent flowability	-	Mar 12, 2029
572	81280	Feb 24, 2021	SCG Cement Co., Ltd.	1101000647	May 9, 2011	Method and apparatus for utilizing low grade lignite or coal in clinker production	-	May 8, 2031



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
573	91847	Mar 2, 2023	SCG Cement Co., Ltd.	1201003905	Jul 31, 2012	Construction additive for reducing efflorescence and its use	-	Jul 30, 2032
574	97962	Jan 8, 2024	SCG Cement Co., Ltd.	1301002570	May 16, 2013	COMPOSITE PLASTER INCLUDING AN ORGANIC ADDITIVE	-	May 15, 2033
575	96022	Sep 29, 2023	SCG Cement Co., Ltd.	1301003962	Jul 16, 2013	Self-healing cement composition for self-healing mortar or self-healing concrete application	-	Jul 15, 2033
576	95896	Sep 21, 2023	SCG Cement Co., Ltd.	1301002571	Nov 16, 2013	Blended cement composition which has comparable compressive strength to Poarland cement	-	Nov 15, 2033
577	94401	Jun 16, 2023	SCG Cement Co., Ltd.	1401001060	Feb 28, 2014	Process for manufacturing nano-carbon from cement-based material and cementitious material utilizing carbon dioxide	-	Feb 27, 2034
578	94911	Jul 14, 2023	SCG Cement Co., Ltd.	1401004089	Jul 16, 2014	Mortar composition with excellent flowability and lightweight	-	Jul 15, 2034



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579	95234	Aug 7, 2023	SCG Cement Co., Ltd.	1401004088	Jul 16, 2014	Mortar composition with excellent flowability	-	Jul 15, 2034
580	94059	Jun 2, 2023	SCG Cement Co., Ltd.	1401004702	Aug 15, 2014	Crack reducing expansive additive for construction materials and manufacturing process thereof	-	Aug 14, 2034
581	94400	Jun 16, 2023	SCG Cement Co., Ltd.	1401004879	Aug 25, 2014	Low bulk density expanded lightweight aggregate	-	Aug 24, 2034
582	96284	Oct 17, 2023	SCG Cement Co., Ltd.	1401007448	Dec 12, 2014	Plaster with reduced crack	-	Dec 11, 2034
583	95943	Sep 25, 2023	SCG Cement Co., Ltd.	1501000181	Jan 14, 2015	Cement composition with rice husk ash and manufacturing process thereof	-	Jan 13, 2035
584	95059	Jul 25, 2023	SCG Cement Co., Ltd.	1501001431	Mar 16, 2015	Coarse aggregate coating substance and the method of coating thereof	-	Mar 15, 2035
585	75620	Apr 15, 2020	SCG Cement Co., Ltd.	1801003726	Dec 24, 2015	A Method of Constructing a Layered Structure and Apparatus therefore	-	Dec 23, 2035
586	97473	Dec 12, 2023	SCG Cement Co., Ltd.	2001002693	May 8, 2018	Redispersible powder	-	May 7, 2038



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
587	95235	Aug 7, 2023	SCG Cement Co., Ltd.	1801003253	Jun 4, 2018	Process for manufacturing metakaolin containing cementitious material	-	Jun 3, 2038
588	94057	Jun 2, 2023	SCG Cement Co., Ltd.	1901002255	Apr 17, 2019	DRIED POWDER FORMULATION FOR 3-DIMENSIONAL BUILDING AND ARCHITECTURAL CONSTRUCTION PRINTING MACHINE	-	Apr 16, 2039
589	97472	Dec 12, 2023	SCG Cement Co., Ltd.	2001003109	Jun 4, 2020	BINDING MATERIAL HAVING FRESH AND MECHANICAL PROPERTIES SUITABLE FOR EXTRUSION 3D PRINTING	-	Jun 3, 2040
590	US10934214B2 (USA)	Mar 2, 2021	SCG Cement Co., Ltd.	US16519876	Jul 23, 2015	A CEMENT FORMULA COMPOSITION FOR CONSTRUCTING A MULTIPLE LAYERED OBJECT	-	Jul 22, 2035
591	IDP000077251 (Indonesia)	Jun 4, 2021	SCG Cement Co., Ltd.	P00201601610	Mar 10, 2016	Coarse aggregate coating substance and the method of coating thereof	-	Mar 9, 2036



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
592	VN10042147B (Vietnam)	Dec 25, 2024	SCG Cement Co., Ltd.	1201600899	Mar 10, 2016	Coarse aggregate coating substance and the method of coating thereof	-	Mar 9, 2036
593	11201807807Y (Singapore)	Jun 12, 2020	SCG Cement Co., Ltd.	11201807807Y	Sep 11, 2018	A CEMENT FORMULA COMPOSITION FOR CONSTRUCTING A MULTIPLE LAYERED OBJECT	-	Sep 10, 2038
594	445507 (India)	Aug 17, 2023	SCG Cement Co., Ltd.	IN201914026163	Jul 1, 2019	A BINDING MATERIAL SUITABLE FOR THREEDIMENSIONALPRINTING FORMATION	-	Jun 30, 2039
595	JP7323256B2 (Japan)	Jul 24, 2023	SCG Cement Co., Ltd.	JP2020-186125	Nov 6, 2020	BINDING MATERIAL HAVING FRESH AND MECHANICAL PROPERTIES SUITABLE FOR EXTRUSION 3D PRINTING	-	Nov 5, 2040
596	Petty Patent 19203	Feb 2, 2022	SCG Cement Co., Ltd. and SCG Cement-Building Materials Co., Ltd.	2003000749	Apr 9, 2020	Concrete mixer truck with pollution capturing apparatus	-	Apr 8, 2030
597	Petty Patent 16948	Nov 23, 2020	Chulalongkorn University, SCG Cement Co., Ltd.	2003000260	Feb 11, 2020	Modular artificial coral	-	Feb 10, 2030



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
598	Petty Patent 21326	Apr 5, 2023	The Siam Cement (Ta Luang) Co.,Ltd	2103003588	Dec 7, 2021	Apparatus for marking by projection used for precast concrete manufacturing	-	Dec 6, 2031
599	Petty Patent 18833	Dec 3, 2021	The Siam Cement (Lampang) Co.,Ltd	1803002903	Dec 14, 2018	Blast hole stemming apparatus	-	Dec 13, 2028
600	Petty Patent 16976	Nov 26, 2020	The Siam Cement (Thung Song) Co.,Ltd	1803000901	Apr 11, 2018	Device for powder material unloading and transportation from large- sized bag	-	Apr 10, 2028
601	Petty Patent 17626	Apr 23, 2021	The Siam Cement (Thung Song) Co.,Ltd	1903000134	Jan 21, 2019	Apparatus for tire handling	-	Jan 20, 2029
602	Petty Patent 21873	Jun 16, 2023	The Siam Cement (Thung Song) Co.,Ltd	2203000140	Jan 19, 2022	Concrete column installation device	-	Jan 18, 2032
603	Petty Patent 21797	Jun 6, 2023	Prince of Songkla University, The Siam Cement (Thung Song) Co.,Ltd	2003000822	Apr 17, 2020	Negative pressure sample collecting room (SWAB ROOM)	-	Apr 16, 2030
604	Petty Patent 18250	Sep 14, 2021	The Siam Refractory Industry Co., Ltd.	2003002554	Sep 30, 2020	Ceramic filter and process for manufacturing the same	-	Sep 29, 2030



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605	Petty Patent 24246	Aug 9, 2024	Siam Refractory Industry Co., Ltd	2203002228	Sep 5, 2022	Installation method for high toughness ceramic on machine structure with metal channel	-	Sep 4, 2032
606	87800	Apr 28, 2022	The Siam Refractory Industry Co., Ltd.	1701001479	Dec 29, 2015	A Refractory brick,its compositiobn and process for manufacturing thereof	-	Dec 28, 2035
607	7476461 (Japan)	Apr 22, 2024	Siam Refractory Industry Co., Ltd	JP2020-213909	Jan 21, 2021	CERAMIC FILTER AND PROCESS FOR MANUFACTURING THE SAME	-	Jan 20, 2041
608	Petty Patent 23704	May 17, 2024	The Concrete Products and Aggregate Co., Ltd.	2103002942	Oct 8, 2021	Process for installing partially pre-fabricated toilet	-	Oct 7, 2031
609	Petty Patent 23562	Apr 25, 2024	The Concrete Products and Aggregate Co., Ltd.	2203002943	Oct 26, 2022	Wall plastering method	-	Oct 25, 2032
610	Petty Patent 24185	Aug 1, 2024	The Concrete Products and Aggregate Co., Ltd.	2303000742	Mar 10, 2023	Auxiliary apparatus for mobile cement mixer	-	Mar 9, 2033



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
SCG Smart Living Business								
611	77851	Jul 29, 2020	The Siam Fibre-Cement Co., Ltd.	1702001616	May 15, 2017	-	Oval Model	May 14, 2027
612	Petty Patent 15396	Aug 9 ,2019	The Siam Fibre-Cement Co., Ltd.	1703000818	May 15, 2017	Building Blocks	-	May14, 2027
613	65195	Sep 28, 2018	Siam Fibre Cement Group Co., Ltd.	1502001136	Apr 10, 2015	-	Patterned floor	Apr 9, 2025
614	65196	Sep 28, 2018	Siam Fibre Cement Group Co., Ltd.	1502001135	Apr 10, 2015	-	Patterned floor	Apr 9, 2025
615	60804	Feb 16, 2018	Siam Fibre Cement Group Co., Ltd.	1502001416	Apr 30, 2015	-	Patterned floor	April 29,2025
616	60014	Jan 12, 2018	Siam Fibre Cement Group Co., Ltd.	1502001733	May 29, 2015	-	Patterned floor	May 28,2025
617	60805	Feb 16, 2018	Siam Fibre Cement Group Co., Ltd.	1502001741	May 29, 2015	-	Building material element	May 28,2025
618	61919	Apr 11, 2018	Siam Fibre Cement Group Co., Ltd.	1502001738	May 29, 2015	-	Building material element	May 28,2025
619	62386	Apr 30, 2018	Siam Fibre Cement Group Co., Ltd.	1502004404	Dec 24, 2015	-	Patterned ceiling	Dec 23, 2025
620	62387	Apr 30, 2018	Siam Fibre Cement Group Co., Ltd.	1502004405	Dec 24, 2015	-	Patterned ceiling	Dec 23, 2025
621	62388	Apr 30, 2018	Siam Fibre Cement Group Co., Ltd.	1502004406	Dec 24, 2015	-	Patterned ceiling	Dec 23, 2025



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
622	77525	Jul 3, 2020	Siam Fibre Cement Group Co., Ltd.	1602001299	Apr 8, 2016	-	Screw	Apr 7, 2026
623	63420	Jul 3, 2018	Siam Fibre Cement Group Co., Ltd.	1602002718	Jul 15, 2016	-	Patterned ceiling	Jul 14, 2026
624	63421	Jul 3, 2018	Siam Fibre Cement Group Co., Ltd.	1602002720	Jul 15, 2016	-	Patterned ceiling	Jul 14, 2026
625	63425	Jul 3, 2018	Siam Fibre Cement Group Co., Ltd.	1602002719	Jul 15, 2016	-	Patterned ceiling	Jul 14, 2026
626	77523	Jul 3, 2020	Siam Fibre Cement Group Co., Ltd.	1702000609	Feb 24, 2017	-	Screwdriver	Feb 23, 2027
627	77524	Jul 3, 2020	Siam Fibre Cement Group Co., Ltd.	1702000610	Feb 24, 2017	-	Building material element	Feb 23, 2027
628	75617	Apr 14, 2020	Siam Fibre Cement Group Co., Ltd.	1702000696	Mar 2, 2017	-	Building material element	Mar 1, 2027
629	82795	Apr 9, 2021	Siam Fibre Cement Group Co., Ltd.	1802003698	Aug 31, 2018	-	Bracket element	Aug 30, 2028
630	77920	Jul 3, 2020	Siam Fibre Cement Group Co., Ltd.	1802004229	Sep 28, 2018	-	Building material element	Sep 27, 2028
631	77921	Jul 3, 2020	Siam Fibre Cement Group Co., Ltd.	1802004228	Sep 28, 2018	-	Building material element	Sep 27, 2028
632	77522	Jul 3, 2020	Siam Fibre Cement Group Co., Ltd.	1802004601	Oct 25, 2018	-	Wall tiles	Oct 24, 2028
633	83611	Jun 25, 2021	Siam Fibre Cement Group Co., Ltd.	1902002956	Jul 26, 2019	-	Bracket element	Jul 25, 2029



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
634	102888	Sep 2, 2024	Siam Fibre Cement Group Co., Ltd.	2202003087	Jul 27, 2022	-	Building part	Jul 26, 2032
635	102889	Sep 2, 2024	Siam Fibre Cement Group Co., Ltd.	2202003088	Jul 27, 2022	-	Building part	Jul 26, 2032
636	Petty Patent 11004	Jan 11, 2016	Siam Fibre Cement Group Co., Ltd.	1503000960	Jun 25, 2015	Eave	-	Jun 24, 2025
637	Petty Patent 11738	Jul 15, 2016	Siam Fibre Cement Group Co., Ltd.	1503001907	Nov 9, 2015	Ventilating ceiling	-	Nov 8, 2025
638	Petty Patent 12648	May 15, 2017	Siam Fibre Cement Group Co., Ltd	1603000339	Mar 1, 2016	Jambs and installation system	-	Feb 28, 2026
639	Petty Patent 14047	Jul 3, 2018	Siam Fibre Cement Group Co., Ltd	1603000590	Apr 8, 2016	Screw	-	Apr 7, 2026
640	Petty Patent 13560	Feb 16, 2018	Siam Fibre Cement Group Co., Ltd	1603001100	Jun 24, 2016	Digital printing for fiber cement material	-	Jun 23, 2026
641	Petty Patent 16485	Jul 3, 2020	Siam Fibre Cement Group Co., Ltd	1703000309	Feb 24, 2017	Step Cover	-	Feb 23, 2027
642	Petty Patent 19146	Jan 25, 2022	Siam Fibre Cement Group Co., Ltd.	1703000310	Feb 24, 2017	Cornice	-	Feb 23, 2027
643	Petty Patent 14707	Dec 13, 2018	Siam Fibre Cement Group Co., Ltd	1703000595	Apr 7, 2017	Ventilation and installation system	-	Apr 6, 2027
644	Petty Patent 14708	Dec 13, 2018	Siam Fibre Cement Group Co., Ltd	1703000915	May 29, 2017	Eaves	-	May 28, 2027



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
645	Petty Patent 15362	Jul 25, 2019	Siam Fibre Cement Group Co., Ltd	1703001274	Jul 14,2017	Edge of sheet and installation system	-	Jul 13,2027
646	Petty Patent 16535	Jul 29, 2020	Siam Fibre Cement Group Co., Ltd	1703001860	Sep 22, 2017	Spacer	-	Sep 21, 2027
647	Petty Patent 18573	Oct 27,2021	Siam Fibre Cement Group Co., Ltd.	1803001972	Aug 31, 2018	Panel Clip	-	Aug 30, 2028
648	Petty Patent 21216	Mar 20, 2023	Siam Fibre Cement Group Co., Ltd.	1903000154	Jan 23, 2019	Fiber cement tiles are anti- mold and anti- algae	-	Jan 22, 2029
649	Petty Patent 21147	Mar 13, 2023	Siam Fibre Cement Group Co., Ltd.	1903000351	Feb 7, 2019	System and method for closing the edges of fiber cement frames with fiber cement frame lining.	-	Feb 6, 2029
650	Petty Patent 17501	Mar 19, 2021	Siam Fibre Cement Group Co., Ltd.	1903000775	Mar 29, 2019	Installation Fire resistance partition	-	Mar 28, 2029
651	Petty Patent 20540	Dec 8, 2022	Siam Fibre Cement Group Co., Ltd.	1903001923	Jul 26, 2019	Cutting tools	-	Jul 25, 2029
652	Petty Patent 22187	Aug 7, 2023	Siam Fibre Cement Group Co., Ltd.	1903001924	Jul 26, 2019	Cutting tools	-	Jul 25, 2029
653	Petty Patent 18528	Sep 17, 2021	Siam Fibre Cement Group Co., Ltd.	1903002152	Aug 22, 2019	Acoustic wall Construction	-	Aug 21, 2029



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
654	Petty Patent 24371	Sep 2, 2024	Siam Fibre Cement Group Co., Ltd.	2103003108	Oct 27, 2021	Method for calculating product price with image processing through a computer system and automatically displaying	-	Oct 26, 2031
655	Petty Patent 22440	Sep 12, 2023	Siam Fibre Cement Group Co., Ltd.	2203003080	Nov 10, 2022	Material sheet installation system	-	Nov 9, 2032
656	Petty Patent 23678	May 15, 2024	Siam Fibre Cement Group Co., Ltd.	2303002558	Sep 7, 2023	Lap siding plank	-	Sep 6, 2033
657	104927	Nov 19, 2024	Siam Fibre Cement Group Co., Ltd.	0801003858	Jul 25, 2008	Weather resistant fiber cement tile	-	Jul 24, 2028
658	91304	Feb 2, 2023	Siam Fibre Cement Group Co., Ltd.	1101002305	Sep 27, 2011	Gypsum for construction	-	Sep 26, 2031
659	91328	Feb 6, 2023	Siam Fibre Cement Group Co., Ltd.	1201004385	Aug 18, 2014	Composition and production process of fiber cement products	-	Aug 17, 2034
660	94428	Jun 16, 2023	Siam Fibre Cement Group Co., Ltd.	1401004753	Aug 18, 2014	Lightweight fiber cement tiles	-	Aug 17, 2024
661	61795	Apr 4, 2018	SCG Landscape Co.,Ltd.	1502001376	Apr 27, 2015	-	Flowerpot	Apr 26, 2025
662	60806	Feb 16, 2018	SCG Landscape Co.,Ltd.	1502001857	Jun 12, 2015	-	Brick	Jun 11, 2025
663	60807	Feb 16, 2018	SCG Landscape Co.,Ltd.	1502001858	Jun 12, 2015	-	Brick	Jun 11, 2025



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664	60814	Feb 16, 2018	SCG Landscape Co.,Ltd.	1502001859	Jun 12, 2015	-	Brick	Jun 11, 2025
665	60815	Feb 16, 2018	SCG Landscape Co.,Ltd.	1502001860	Jun 12, 2015	-	Brick	Jun 11, 2025
666	77827	Aug 6, 2020	SCG Landscape Co.,Ltd.	1702001408	Apr 28, 2017	-	Floor and wall tile	April 27, 2027
667	55987	Jul 14, 2017	SCG Roofing Co., Ltd.	1502000543	Feb 27, 2015	-	Bracket element	Feb 26, 2025
668	55989	Jul 14, 2017	SCG Roofing Co., Ltd.	1502000544	Feb 27, 2015	-	Bracket element	Feb 26, 2025
669	60813	Feb 16, 2018	SCG Roofing Co., Ltd.	1502001743	May 29, 2015	-	Heat shield	May28, 2025
670	84174	Aug 16, 2021	SCG Roofing Co., Ltd	1502003050	Sep 4, 2015	-	Ceiling hanger	Sep 3, 2026
671	61573	Mar 23, 2018	SCG Roofing Co., Ltd.	1602000766	Mar 7, 2016	-	Roof tile	Mar 6, 2026
672	73000	Dec 6, 2019	SCG Roofing Co., Ltd.	1602001694	May 4, 2016	-	Roof tile	May 3, 2026
673	64257	Aug 16, 2018	SCG Roofing Co., Ltd.	1602003634	Sep 21, 2016	-	Roof tile	Sep 20, 2026
674	70402	Jun 20, 2019	SCG Roofing Co., Ltd.	1702000376	Feb 2, 2017	-	Roof tile	Feb 1, 2027
675	70404	Jun 20, 2019	SCG Roofing Co., Ltd.	1702000378	Feb 2, 2017	-	Roof tile	Feb 1, 2027



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676	70405	Jun 20, 2019	SCG Roofing Co., Ltd.	1702000379	Feb 2, 2017	-	Roof tile	Feb 1, 2027
677	70406	Jun 20, 2019	SCG Roofing Co., Ltd.	1702000380	Feb 2, 2017	-	Roof tile	Feb 1, 2027
678	70408	Jun 20, 2019	SCG Roofing Co., Ltd.	1702000384	Feb 2, 2017	-	Roof tile	Feb 1, 2027
679	70409	Jun 20, 2019	SCG Roofing Co., Ltd.	1702000385	Feb 2, 2017	-	Roof tile	Feb 1, 2027
680	70410	Jun 20, 2019	SCG Roofing Co., Ltd.	1702000386	Feb 2, 2017	-	Roof tile	Feb 1, 2027
681	70412	Jun 20, 2019	SCG Roofing Co., Ltd.	1702000393	Feb 2, 2017	-	Roof tile	Feb 1, 2027
682	86612	Jan 27, 2022	SCG Roofing Co., Ltd	1702000389	Feb 2, 2017	-	Roof tile	Feb 1, 2027
683	86614	Jan 27, 2022	SCG Roofing Co., Ltd	1702000391	Feb 2, 2017	-	Roof tile	Feb 1, 2027
684	75544	Apr 2, 2020	SCG Roofing Co., Ltd.	1702000818	Mar 10, 2017	-	Roof tile	Mar 9, 2027
685	75545	Apr 2, 2020	SCG Roofing Co., Ltd.	1702000819	Mar 10, 2017	-	Solar roof tile	Mar 9, 2027
686	78576	Sep 16, 2020	SCG Roofing Co., Ltd	1702002846	Jul 27, 2017	-	Roof Cover	Jul 26, 2027
687	78581	Sep 16, 2020	SCG Roofing Co., Ltd	1702002847	Jul 27, 2017	-	Roof Cover	Jul 26, 2027



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688	77519	Jul 3, 2020	SCG Roofing Co., Ltd.	1702000697	Sep 2, 2017	-	Roof Cover	Sep 1, 2027
689	77520	Jul 3, 2020	SCG Roofing Co., Ltd.	1702000698	Sep 2, 2017	-	Roof Cover	Sep 1, 2027
690	70898	Jul 25, 2019	SCG Roofing Co., Ltd.	1702003751	Sep 22,2017	-	Celling Hanging device	Sep 21,2027
691	78577	Sep 16, 2020	SCG Roofing Co., Ltd	1702004173	Oct 11, 2017	-	Roof Cover	Oct 10, 2027
692	78580	Sep 16, 2020	SCG Roofing Co., Ltd	1702004174	Oct 11, 2017	-	Roof Cover	Oct 10, 2027
693	78579	Sep 16, 2020	SCG Roofing Co., Ltd	1702004175	Oct 11, 2017	-	Roof Cover	Oct 10, 2027
694	79307	Jul 20, 2020	SCG Roofing Co., Ltd.	1802002254	Jun 8, 2018	-	Roof tile	Jun 7, 2028
695	80231	Dec 14, 2020	SCG Roofing Co., Ltd.	1802002794	Jul 10, 2018	-	Roof Cover	Jul 9, 2028
696	82826	May 25, 2021	SCG Roofing Co., Ltd	1902001550	Apr 24, 2019	-	Solar Cell	Apr 23, 2029
697	81472	Feb 16 ,2020	SCG Roofing Co., Ltd.	1902004020	Oct 4 , 2019	-	Bird protection device	Oct 3 , 2029
698	89174	Aug 3, 2022	SCG Roofing Co., Ltd	1902004019	Oct 4, 2019	-	Roof eaves bird guard	Oct 3, 2029
699	87896	May 3, 2022	SCG Roofing Co., Ltd	2002001631	Apr 14,2020	-	Bracket element	Apr 13,2030



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700	89792	Sep 28, 2022	SCG Roofing Co., Ltd	2002004734	Oct 20, 2020	-	Roof tile	Oct 19, 2030
701	97433	Dec 8, 2023	SCG Roofing Co., Ltd.	2202001681	Apr 26, 2022	-	Mounting device	Apr 25, 2032
702	Petty Patent 11006	Jan 11, 2016	SCG Roofing Co., Ltd.	1503000815	May 29, 2015	Apparatus for reducing thermal bridge and vibration	-	May 28, 2025
703	Petty Patent 12333	Jan 20, 2017	SCG Roofing Co., Ltd.	1503001396	Sep 4, 2015	Apparatus for reducing thermal bridge and vibration	-	Sep 3, 2025
704	Petty Patent 15928	Feb 17, 2020	SCG Roofing Co., Ltd	1703001275	Jul 14, 2017	Roof Panel	-	Jul 13, 2027
705	Petty Patent 19820	Jun 8, 2022	SCG Roofing Co., Ltd.	1703001372	Jul 27, 2017	Flashing	-	Jul 26, 2030
706	Petty Patent 14706	Dec 13, 2018	SCG Roofing Co., Ltd.	1703001857	Sep 22, 2017	Apparatus for cutting heat insulation and vibration damping	-	Sep 21, 2027
707	Petty Patent 14513	Oct 25, 2018	SCG Roofing Co., Ltd.	1703002027	Oct 11, 2017	Eaves	-	Oct 10, 2027
708	Petty Patent 15233	Jun 7, 2019	SCG Roofing Co., Ltd	1703002028	Oct 11, 2017	Roof cover	-	Oct 10, 2027
709	Petty Patent 16598	Oct 11, 2020	SCG Roofing Co., Ltd.	1903002592	Oct 4, 2019	Animal Protection System for roof	-	Oct 3, 2029



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
710	Petty Patent 19147	Jan 25, 2022	SCG Roofing Co., Ltd.	1903002593	Oct 4, 2019	Verge roof panel and installation structure thereof	-	Oct 3, 2029
711	Petty Patent 18201	Jul 27, 2021	SCG Roofing Co., Ltd.	2003000781	Apr 14, 2020	Solar Cell	-	Apr 13, 2030
712	Petty Patent 22653	Oct 12, 2023	SCG Roofing Co., Ltd.	2103001810	Jun 25, 2021	Ventilation roof tiles	-	Jun 24, 2031
713	Petty Patent 23725	May 25, 2024	SCG Roofing Co., Ltd.	2103001811	Jun 25, 2021	Direct current and alternating current conversion system for use with electric devices	-	Jun 24, 2031
714	Petty Patent 24183	Jul 25, 2024	SCG Roofing Co., Ltd.	2203001035	Apr 29, 2022	Apparatus for installing rail supporting solar panel to roof structure	-	Apr 28, 2032
715	Petty Patent 23005	Jan 9, 2024	SCG Roofing Co., Ltd.	2203002113	Aug 29, 2022	Animal prevention equipment for verge	-	Aug 28, 2032
716	Petty Patent 23880	Jun 13, 2024	SCG Roofing Co., Ltd.	2303002956	Oct 10, 2022	Frame assembled with solar cell panel	-	Oct 10, 2032
717	56127	Jul 21, 2017	SCG Roofing Co., Ltd.	0701004623	Sep 13, 2007	Installation of roofing materials	-	Sep 12, 2027
718	54434	Mar 27, 2017	SCG Roofing Co., Ltd.	0701004624	Sep 13, 2007	Roofing materials	-	Sep 12, 2027



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719	54435	Mar 27, 2017	SCG Roofing Co., Ltd.	0701004625	Sep 13, 2007	Bracket element	-	Sep 12, 2027
720	73777	Jan 16, 2020	SCG Roofing Co., Ltd.	1001001355	Sep 3, 2010	Fall protection for roof tiles	-	Sep 2, 2030
721	88550	Jun 8, 2022	SCG Roofing Co., Ltd.	1201005396	Oct 12, 2010	Roof tile	-	Oct 11, 2030
722	71654	Sep 23, 2019	SCG Roofing Co., Ltd.	1201002592	Jun 1, 2012	Safety hook for roof tiles	-	May 31, 2032
723	95220	Aug 3, 2023	SCG Roofing Co., Ltd.	1401001757	Jun 28, 2014	A Process for making building structure and a building construction obtained by means of such process	-	Jun 27, 2034
724	94678	Jul 3, 2023	SCG Roofing Co., Ltd.	1401004099	Jul 17, 2014	Device for installation eaves	-	Jul 16, 2034
725	95750	Sep 12, 2023	SCG Roofing Co., Ltd.	1801000939	Feb 16, 2018	Safety hook for roof tiles	-	Feb 15, 2038
726	60803	Feb 16, 2018	SCG Cement-Building Materials Co., Ltd.,	1502000028	Jan 6, 2015	-	Ventilation apparatus	Jan 5, 2025
727	77518	Jul 3, 2020	SCG Cement-Building Materials Co., Ltd.,	1602001440	Apr 22, 2016	-	Air vent	Apr 21, 2026



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728	77517	Jul 3, 2020	SCG Cement-Building Materials Co., Ltd	1702001615	May 15, 2017	-	Roof Ventilation tile	May 14, 2027
729	184579	Jul 25, 2019	SCG Cement-Building Materials Co., Ltd.	1702004859	Dec 1, 2017	-	Fan control Device	Nov 30, 2027
730	76820	Jun 23, 2020	SCG Cement-Building Materials Co., Ltd	1702004860	Dec 1, 2017	-	Pattern for display	Nov 30, 2027
731	77852	Jul 29, 2020	SCG Cement-Building Materials Co., Ltd	1702004861	Dec 1, 2017	-	Pattern for display	Nov 30, 2027
732	71302	Aug 30, 2019	SCG Cement-Building Materials Co., Ltd.	1802001216	Mar 23, 2018	-	Ventilation system	Mar 22, 2028
733	Petty Patent 10188	Aug 7, 2015	SCG Building Cement-Materials Co., Ltd.	1503000012	Jan 6, 2015	Roof air flow set	-	Jan 5, 2025
734	Petty Patent 11005	Jan 11, 2016	SCG Building Cement-Materials Co., Ltd.	1503000330	Mar 16, 2015	Ventilation system	-	Mar 15, 2025
735	Petty Patent 12857	Jul 14, 2017	SCG Cement-Building Materials Co., Ltd.	1503001858	Oct 30, 2015	Lighting control system	-	Oct 29, 2025



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736	Petty Patent 14048	Jul 3, 2018	SCG Cement- Building Materials Co., Ltd.	1603000655	Apr 22, 2016	Air grill	-	Apr 21, 2026
737	Petty Patent 13813	May 3, 2018	SCG Cement- Building Materials Co., Ltd.	1603002401	Nov 21, 2016	Wall installation system	-	Nov 20, 2026
738	Petty Patent 12995	Aug 22, 2017	SCG Cement- Building Materials Co., Ltd.	1703000308	Feb 24, 2017	Apparatus for testing wall	-	Feb 23, 2027
739	Petty Patent 13862	May 17, 2018	SCG Cement- Building Materials Co., Ltd.	1703000917	Mar 31, 2017	Ventilation system	-	Mar 30, 2027
740	Petty Patent 13861	May 17, 2018	SCG Cement- Building Materials Co., Ltd.	1703000916	Mar 31, 2017	Ventilation system	-	Mar 30, 2027
741	Petty Patent 15929	Feb 17, 2020	SCG Cement- Building Materials Co., Ltd.	1703001371	Jul 27, 2017	Building Ventilation System	-	Jul 26, 2027
742	Petty Patent 16597	Aug 11, 2020	SCG Cement- Building Materials Co., Ltd.	1703001370	Jul 27, 2017	Building Ventilation System	-	Jul 26, 2027
743	Petty Patent 15696	Nov 14, 2019	SCG Cement- Building Materials Co., Ltd.	1703002120	Oct 25, 2017	Cover panel with ventilation	-	Oct 24, 2027



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744	Petty Patent 19517	Mar 29, 2022	SCG Cement- Building Materials Co., Ltd.	1803001501	Jul 3, 2018	Venturi Ventilation System	-	Jul 2, 2028
745	Petty Patent 20820	Jan 26, 2023	SCG Cement- Building Materials Co., Ltd.	1803002938	Dec 18, 2018	Floor tiles	-	Dec 17, 2028
746	Petty Patent 22780	Nov 14, 2023	SCG Cement- Building Materials Co., Ltd.	2103003107	Oct 27, 2021	Air circulation system with ion generator	-	Oct 26, 2031
747	56256	Jul 27, 2017	SCG Cement- Building Materials Co., Ltd.	0901001969	May 4, 2009	Apparatus and method for forming powder materials	-	May 3, 2029
748	79974	Nov 26, 2020	SCG Cement- Building Materials Co., Ltd.	1101000132	Jan 28, 2011	Wall installation system	-	Jan 27, 2031
749	68316	Feb 22, 2019	SCG Cement- Building Materials Co., Ltd.	1101000516	Apr 8, 2011	Ventilation for housing	-	Apr 7, 2031
750	80646	Jan 18, 2021	SCG Cement- Building Materials Co., Ltd.	1201001869	Apr 24, 2012	Pole Mounting System	-	Apr 23, 2032
751	69124	Mar 29, 2019	SCG Cement- Building Materials Co., Ltd.	1201004386	Aug 27, 2012	roof tile stacking and packing machine	-	Aug 26, 2032



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752	96023	Sep 29, 2023	SCG Cement-Building Materials Co., Ltd.	1501003182	Jun 8, 2015	Lightweight concrete for molding	-	Jun 7, 2035
753	91292	Feb 1, 2023	SCG Cement-Building Materials Co., Ltd.	1701002674	May 15, 2017	Ventilation tile	-	May 14, 2037
754	95031	Jul 21, 2023	SCG Cement-Building Materials Co., Ltd.	1701006384	Oct 25, 2017	Cement and geotextile composites	-	Oct 24, 2037
755	95751	Sep 12, 2023	SCG Cement-Building Materials Co., Ltd.	1801001761	Mar 23, 2018	Roof natural ventilation	-	Mar 22, 2038
756	102850	Aug 30, 2024	SCG Cement-Building Materials Co., Ltd.,	1901004017	Jun 27, 2019	Printing device and machine for building material articles	-	Jun 26, 2039
757	IT201600131820B (Italy)	May 21, 2016	SCG Cement-Building Materials Co., Ltd.	1020160001381820	Dec 28, 2016	Printing Device and Machine for Building Materials Articles	-	Dec 27, 2036
758	2869576 (Spain)	Jan 27, 2021	SCG Cement-Building Materials Co., Ltd.	ES17842334T	Dec 27, 2017	Printing Device and Machine for Building Materials Articles	-	Dec 26, 2037
759	CN110430982B (China)	Mar 30, 2021	SCG Cement-Building Materials Co., Ltd.	201780081252.3	Dec 27, 2017	Printing Device and Machine for Building Materials Articles	-	Dec 26, 2037



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760	IT102018000008775 B (Italy)	Aug 31, 2020	SCG Cement- Building Materials Co., Ltd.	102018000008775	Sep 20, 2018	Apparatus and method for feeding granular material to a plant for the production of slabs or tiles	-	Sep 19, 2038
761	IT201900016715B (Italy)	Sep 20, 2021	SCG Cement- Building Materials Co., Ltd.	102019000016715	Sep 19, 2019	Apparatus and method for feeding granular material to a plant for the production of slabs or tiles	-	Sep 18, 2039
762	ES2855030B2 (Spain)	Sep 2, 2022	SCG Cement- Building Materials Co., Ltd.,	ES202190015A	Sep 19, 2019	Apparatus and method for feeding granular material to a plant for the production of slabs or tiles	-	Sep 18, 2039
763	Petty Patent 16798	Sep 30, 2020	SCG Cement- Building Materials Co., Ltd., Chulalongkorn University	1803002977	Dec 24, 2018	Apparatus for turning a Patient in bed	-	Dec 23, 2028
764	Petty Patent 16799	Sep 30, 2020	SCG Cement- Building Materials Co., Ltd., Chulalongkorn University	1803002978	Dec 24, 2018	Apparatus for turning a Patient in bed	-	Dec 23, 2028



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765	Petty Patent 22335	Nov 28, 2023	SCG Cement- Building Materials Co., Ltd., Magnolia Quality Development Co., Ltd.	2103001546	Jun 4, 2021	Apparatus and System for UVC Disinfection Cabinet with Double Sided Doors and	-	Jun 3, 2031
766	Petty Patent 15234	Jun 7, 2019	Siam Fiberglass Co., Ltd.	1703000715	Apr 28, 2017	Sound insulation sheet	-	Apr 27, 2027
767	Petty Patent 19833	Jun 17, 2022	Siam Fiberglass Co., Ltd	1903000712	Mar 21, 2019	Insulation	-	Mar 20, 2029
768	Petty Patent 22503	Sep 20, 2023	Siam Fiberglass Co., Ltd	2203000768	Mar 29, 2022	A soundproof panel and method of using the same	-	Mar 28, 2032
769	Petty Patent 20745	Jan 13, 2023	Siam Fiberglass Co., Ltd and Nitto Matex (THAILAND) Co., Ltd	2103002693	Sep 17, 2021	Device for closing gaps	-	Sep 16, 2031
770	99535	Mar 12, 2024	Nexter Living Co., Ltd	2102002837	Jul 8, 2021	-	Ion generator case	Jul 7, 2031
771	99540	Mar 12, 2024	Nexter Living Co., Ltd	2102002838	Jul 8, 2021	-	Ion generator case	Jul 7, 2031
772	Petty Patent 15697	Nov 14, 2019	Nexter Living Co., Ltd	1703000718	Apr 28, 2017	Shock absorption floor	-	Apr 27, 2027



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773	Petty Patent 18057	Jul 16, 2021	Nexter Living Co., Ltd	1703000716	Apr 28, 2017	Compound Soft Materials	-	Apr 27, 2027
774	Petty Patent 18847	Dec 7, 2021	Nexter Living Co., Ltd	1903002591	Oct 4, 2019	Device for measuring pressure	-	Oct 3, 2029
775	Petty Patent 19318	Feb 18, 2022	Nexter Living Co., Ltd	2003001509	Jul 2, 2020	Composite Sheet for shoe sole	-	Jul 1, 2030
776	Petty Patent 22927	Dec 14, 2023	Nexter Living Co., Ltd	2003002814	Oct 20, 2020	Anti-Slip coating for flooring material	-	Oct 19, 2030
777	Petty Patent 23174	Feb 13, 2024	Nexter Living Co., Ltd	2003002815	Oct 20, 2020	Intruder alert and repulsion system using image processing	-	Oct 19, 2030
778	Petty Patent 21963	Jun 28, 2023	Nexter Living Co., Ltd	2103000350	Feb 4, 2021	Suction system with electrical particle generation equipment	-	Feb 3, 2031
779	Petty Patent 20155	Sep 5, 2022	Nexter Living Co., Ltd	2103001874	Jun 30, 2021	Control system of an ion generator and air blower	-	Jun 29, 2031
780	Petty Patent 23766	May 27, 2024	Nexter Living Co., Ltd	2203003444	Dec 23, 2022	Emotion assessment system using image and sound	-	Dec 22, 2032
781	Petty Patent 23555	Apr 24, 2024	Nexter Living Co., Ltd	2303000086	Jan 13, 2023	System for notification of electrically consuming devices	-	Jan 12, 2033



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782	Petty Patent 23556	Apr 24, 2024	Nexter Living Co., Ltd	2303000087	Jan 13, 2023	System for managing electrically consuming devices	-	Jan 12, 2033
783	Petty Patent 20814	Jan 26, 2023	Nexter Living Co., Ltd and Pan apace Co., Ltd and Mr.Bancha Chornchujit	2103001120	Apr 22, 2021	Knee brace	-	Apr 21, 2031
SCG Decor (SCGD) Business								
784	70401	Jun 20, 2019	SCG Building Materials Co., Ltd	1702000374	Feb 2, 2017	-	Roof tile	Feb 1, 2027
785	70403	Jun 20, 2019	SCG Building Materials Co., Ltd	1702000377	Feb 2, 2017	-	Roof tile	Feb 1, 2027
786	70407	Jun 20, 2019	SCG Building Materials Co., Ltd	1702000383	Feb 2, 2017	-	Roof tile	Feb 1, 2027
787	70411	Jun 20, 2019	SCG Building Materials Co., Ltd	1702000392	Feb 2, 2017	-	Roof tile	Feb 1, 2027
788	86607	Jan 27,2022	SCG Building Materials Co., Ltd	1702000369	Feb 2, 2017	-	Roof tile	Feb 1, 2027
789	86608	Jan 27,2022	SCG Building Materials Co., Ltd	1702000371	Feb 2, 2017	-	Roof tile	Feb 1, 2027
790	86609	Jan 27,2022	SCG Building Materials Co., Ltd	1702000373	Feb 2, 2017	-	Roof tile	Feb 1, 2027



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791	86610	Jan 27,2022	SCG Building Materials Co., Ltd	1702000387	Feb 2, 2017	-	Roof tile	Feb 1, 2027
792	86611	Jan 27,2022	SCG Building Materials Co., Ltd	1702000382	Feb 2, 2017	-	Roof tile	Feb 1, 2027
793	86613	Jan 27,2022	SCG Building Materials Co., Ltd	1702000390	Feb 2, 2017	-	Roof tile	Feb 1, 2027
794	Petty Patent 18059	Jul 16, 2021	SCG Building Materials Co., Ltd	1803001050	May 3, 2018	Composite Materials	-	May 2, 2028
795	86447	Jan 25, 2022	SCG Decor Co., Ltd.	1101002251	Sep 26, 2011	Tile grout	-	Sep 25, 2031
796	185121	Sep 16, 2020	SCG Ceramics Public	1802001659	Apr 24, 2018	-	Floor and wall tile	Apr 23, 2028
797	78584	Sep 16, 2020	SCG Ceramics Public	1802001660	Apr 24, 2018	-	Floor and wall tile	Apr 23, 2028
798	78578	Sep 16, 2020	SCG Ceramics Public	1802001652	Apr 24, 2018	-	Floor and wall tile	Apr 23, 2028
799	78585	Sep 16, 2020	SCG Ceramics Public	1802001653	Apr 24, 2018	-	Floor and wall tile	Apr 23, 2028
800	78575	Sep 16, 2020	SCG Ceramics Public	1802001654	Apr 24, 2018	-	Floor and wall tile	Apr 23, 2028
801	78586	Sep 16, 2020	SCG Ceramics Public	1802001655	Apr 24, 2018	-	Floor and wall tile	Apr 23, 2028
802	78582	Sep 16, 2020	SCG Ceramics Public	1802001656	Apr 24, 2018	-	Floor and wall tile	Apr 23, 2028



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803	103768	Oct 4, 2024	SCG Ceramics Public	2202003891	Aug 11, 2022	-	Wall panel installation panel	Aug 10, 2032
804	Petty Patent 10186	Aug 7, 2015	SCG Ceramics Public	1503000634	Apr 30, 2015	Adjust surfact and setting trowel	-	Apr 30, 2025
805	Petty Patent 10439	Sep 28, 2015	SCG Ceramics Public	1503000635	Apr 30, 2015	Setting trowel	-	Apr 30, 2025
806	Petty Patent 21146	Mar 13, 2023	SCG Ceramics Public	1903001612	Jun 20, 2019	Brick hanging set	-	Jun 19, 2029
807	Petty Patent 18274	Aug 31, 2021	SCG Ceramics Public	2003001508	Jul 2, 2020	Burner	-	Jul 1, 2030
808	Petty Patent 22763	Nov 7, 2023	SCG Ceramics Public	2103001875	Jul 30, 2021	Tile backing panel and execution work method of tile backing panel	-	Jul 29, 2031
809	Petty Patent 20882	Feb 2, 2023	SCG Ceramics Public	2103002970	Oct 11, 2021	Real-time pipe flow monitoring system	-	Oct 10, 2031
810	Petty Patent 24150	Jul 25, 2024	SCG Ceramics Public	2303001436	May 29, 2022	Apparatus for cutting tiles and large stone slabs	-	May 28, 2032
811	US8333916B2 (USA)	Dec 18, 2012	SCG Building Materials Co., Ltd. And SCG Ceramics Public.	11/859684	Sep 21, 2007	Apparatus and method for forming a pattern in ceramic tile or slab with prescribed thickness	-	Sep 20, 2027



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812	71216	Aug 22, 2019	Siam Sanitary Ware Industry Co.,Ltd.	1802000452	Jan 30, 2018	-	Cover seat	Jan 19, 2028
813	74304	Feb 7, 2019	Siam Sanitary Ware Industry Co.,Ltd.	1802003899	Sep 14, 2018	-	Cover seat	Sep 13, 2028
814	74305	Feb 7, 2019	Siam Sanitary Ware Industry Co.,Ltd.	1802003898	Sep 14, 2018	-	Toilet	Sep 13, 2028
815	74306	Feb 7, 2019	Siam Sanitary Ware Industry Co.,Ltd.	1802003897	Sep 14, 2018	-	Toilet	Sep 13, 2028
816	82284	Apr 19, 2021	Siam Sanitary Ware Industry Co.,Ltd.	1802004341	Oct 4, 2018	-	Cover seat	Oct 3, 2028
817	85170	Nov 10, 2021	Siam Sanitary Ware Industry Co.,Ltd.	1902001588	Apr 30, 2019	-	Cover seat	Apr 29, 2029
818	85171	Nov 10, 2021	Siam Sanitary Ware Industry Co.,Ltd.	1902002227	Jun 11, 2019	-	Cover seat	Jun 10, 2029
819	85721	Dec 8, 2021	Siam Sanitary Ware Industry Co.,Ltd.	1902002679	Jul 10, 2019	-	Toilet	Jul 9, 2029



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
820	85722	Dec 8, 2021	Siam Sanitary Ware Industry Co.,Ltd.	1902002680	Jul 10, 2019	-	Toilet	Jul 9, 2029
821	85723	Dec 8, 2021	Siam Sanitary Ware Industry Co.,Ltd.	1902002683	Jul 10, 2019	-	Toilet	Jul 9, 2029
822	85724	Dec 8, 2021	Siam Sanitary Ware Industry Co.,Ltd.	1902002684	Jul 10, 2019	-	Cover seat	Jul 9, 2029
823	85725	Dec 8, 2021	Siam Sanitary Ware Industry Co.,Ltd.	1902003352	Aug 22, 2019	-	Cover seat	Aug 21, 2029
824	91300	Feb 2, 2023	Siam Sanitary Ware Industry Co.,Ltd.	2002004977	Nov 3, 2020	-	Lever handle mounting seat cover	Nov 2, 2030
825	92251	Mar 15, 2023	Siam Sanitary Ware Industry Co.,Ltd.	2102000784	Feb 19, 2021	-	Basin	Feb 18, 2031
826	55593	Jun 26,2017	Siam Sanitary Ware Industry Co.,Ltd.	0901001165	Mar 17, 2009	Flushing system for cleaning inside the toilet bow using small amount a water	-	Mar 16, 2029
827	72312	Oct 31, 2019	Siam Sanitary Ware Industry Co.,Ltd.	1301005911	Oct 15, 2013	Toilet and flushing system	-	Oct 14, 2033



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
828	72313	Oct 31, 2019	Siam Sanitary Ware Industry Co.,Ltd.	1501001269	Mar 9, 2015	Automatic sheet support system for sanitary ware production	-	Mar 8, 2035
829	62470	May 15, 2018	Siam Sanitary Ware Co.,Ltd	1602001520	Apr 26, 2016	-	Sink	Apr 25, 2026
830	61966	Apr 17, 2018	Siam Sanitary Fitting Co.,Ltd.	1602001860	May 18, 2016	-	Handrail	May17, 2026
831	61967	Apr 17, 2018	Siam Sanitary Fitting Co.,Ltd.	1602001861	May 18, 2016	-	Handrail	May17, 2026
832	61968	Apr 17, 2018	Siam Sanitary Fitting Co.,Ltd.	1602001862	May 18, 2016	-	Handrail	May17, 2026
833	74764	Jul 12, 2019	Siam Sanitary Fitting Co.,Ltd.	1702002392	Jun 27, 2017	-	Tap	Jun 26, 2027
834	74765	Jul 12, 2019	Siam Sanitary Fitting Co.,Ltd.	1702002393	Jun 27, 2017	-	Tap	Jun 26, 2027
835	86000	Dec 20, 2021	Siam Sanitary Fitting Co.,Ltd.	1902002726	Jul 12, 2019	-	Tap	Jul 11, 2029
836	86001	Dec 20, 2021	Siam Sanitary Fitting Co.,Ltd.	1902002727	Jul 12, 2019	-	Tap	Jul 11, 2029
837	86002	Dec 20, 2021	Siam Sanitary Fitting Co.,Ltd.	1902002728	Jul 12, 2019	-	Tap	Jul 11, 2029
838	86003	Dec 20, 2021	Siam Sanitary Fitting Co.,Ltd.	1902002729	Jul 12, 2019	-	Tap	Jul 11, 2029
839	88499	Jun 13, 2022	Siam Sanitary Fitting Co.,Ltd.	1902003586	Sep 6, 2019	-	Tap	Sep 5, 2029



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
840	90100	Nov 7, 2022	Siam Sanitary Fitting Co.,Ltd.	2002003168	Jul 14, 2020	-	Tap	Jul 13, 2030
841	Petty Patent 22385	Sep 5, 2023	Siam Sanitary Fitting Co.,Ltd.	2103001050	Apr 8, 2021	Tap	-	Apr 7, 2031
842	88498	Jun 13, 2022	Siam Sanitary Fitting Co.,Ltd.	1201004664	Sep 12, 2013	Purge valve	-	Sep 11, 2032
SCG Chemicals (SCGC) Business and SCG Cement and Green Solutions Business								
843	75579 (Thailand)	Apr 10,2020	SCG Chemicals PLC. and Siam Refractory Industry Co., Ltd	1301001031	Feb 28, 2013	High emissivity coating composition and manufacturing process thereof	-	Feb 27, 2032 (PCT filing date Feb 29, 2014)
844	1019080000000 (Republic of Korea)	Oct 8, 2018	SCG Chemicals PLC. and Siam Refractory Industry Co., Ltd	2014-7018583	Jul 4, 2012	High emissivity coating compositions and manufacturing processes therefore	-	Feb 29, 2032
845	9587120 (USA)	Mar 7, 2017	SCG Chemicals PLC. and Siam Refractory Industry Co., Ltd	14/240,550	Feb 24, 2014	High emissivity coating compositions and manufacturing processes therefore	-	Feb 29, 2032



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
846	2605880 (Russia)	Dec 27, 2016	SCG Chemicals PLC. and Siam Refractory Industry Co., Ltd.	20140131465/02	Jul 29, 2014	High emissivity coating compositions and manufacturing processes therefore	-	Feb 29, 2032
847	28791 (Vietnam)	Jun 1, 2021	SCG Chemicals PLC. and Siam Refractory Industry Co., Ltd	1-2014-02724	Aug 15, 2014	High emissivity coating compositions and manufacturing processes therefore	-	Feb 29, 2032 (PCT filing date Feb 29, 2014)
848	IDP000063303 (Indonesia)	Oct 8, 2019	SCG Chemicals PLC. and Siam Refractory Industry Co., Ltd	P00201405084	Aug 27, 2014	High emissivity coating compositions and manufacturing processes therefore	-	Feb 29, 2032 (PCT filing date Feb 29, 2014)
849	DE602012030318.2 (Germany)	Mar 22, 2017	SCG Chemicals PLC. and Siam Refractory Industry Co., Ltd	12869694.5	Mar 22, 2017	High emissivity coating compositions and manufacturing processes therefore	-	Feb 29, 2032
850	EP2820364 (Netherland)	Mar 22, 2017	SCG Chemicals PLC. and Siam Refractory Industry Co., Ltd	12869694.5	Mar 22, 2017	High emissivity coating compositions and manufacturing processes therefore	-	Feb 29, 2032
851	EP2820364 (France)	Mar 22, 2017	SCG Chemicals PLC. and Siam Refractory Industry Co., Ltd	12869694.5	Mar 22, 2017	High emissivity coating compositions and manufacturing processes therefore	-	Feb 29, 2032



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
852	12,077,476 (United States)	Sep 3, 2024	SCG Chemicals PLC. and The Siam Refractory Industry Co., Ltd.	17/264,433	Jan 29, 2021	High emissivity coating composition and substrate coated therewith	-	Jul 30, 2039
853	10202200786P (Singapore)	Jan 30, 2024	SCG Chemicals PLC. and The Siam Refractory Industry Co., Ltd.	10202200786P	Jan 26, 2022	Coating	-	Jan 26, 2042
SCGP Business and SCG Cement and Green Solutions Business								
854	Petty Patent 15003	Mar 12, 2019	SCG Packaging PLC. and SCG Cement-Building Materials Co., Ltd.	1703000534	Mar 29, 2017	Binder with lime mud	-	Mar 28, 2027
855	92476	Mar 23, 2023	SCG Packaging PLC. and SCG Cement-Building Materials Co., Ltd.	1501006609	Oct 29, 2015	Building materials containing modified cellulose	-	Oct 28, 2035
856	95573	Aug 31, 2023	SCG Packaging PLC. and SCG Cement-Building Materials Co., Ltd.	1701001752	Mar 29, 2017	Process for treating wet lime residue and concrete components comprising said wet lime residue.	-	Mar 28, 2037



No.	Patent Number	Registration Date	Assignee	Application Number	Filing Date	Patent/Petty Patent	Design Patent	Expiry Date
SCGP Business and SCG Chemicals (SCGC) Business								
857	Petty Patent 16520	Jul 22, 2020	Thai Paper Co.,Ltd. and Nawa Intertech Co.,Ltd.	1903002390	Sep 16, 2019	Folding apparatus for paper container forming machine	-	Sep 15, 2029
858	Petty Patent 16521	Jul 22, 2020	Thai Paper Co.,Ltd. and Nawa Intertech Co.,Ltd.	1903002389	Sep 16, 2019	Paper container forming machine	-	Sep 15, 2029



- Concession

Concessions in limestone and gypsum mines are long-lived. Their maturities have been continuously extended because cement is a fundamental product for construction and infrastructure related to the country's economy.

Details of utilized concessions of The Siam Cement Public Company Limited and Companies Cement-Building Materials Business are shown in below table

Concessionaire	Location	Type of Mineral	Number of Concession (Copies)	Type of Area	Area (Rai)	Remaining Years of Concession	Expiry Year
The Siam Cement PLC.	Saraburi	Limestone for cement industry	15	RFD	3,312	12	2036
		Pyrophyllite	1	RFD	96	4	2028
			2	RFD	139	8	2032
	Nakorn Sawan	Gypsum	1	RFD	298	7	2031
			1	RFD	278	1	2025
SCG Cement Co., Ltd.	Lampang	Lignite, ball clay	1	RFD	210	8	2032
The Siam Cement (Lampang) Co., Ltd.	Lampang	Limestone for cement industry	17	RFD	4,977	18	2042
		Shale for cement industry	2	RFD	596	15	2039
			3	RFD	846	18	2042
	Industrial clay for cement industry	1	Owned by the company	51	5	2029	
		1	Owned by the company	280	11	2035	
1	Owned by the company	155	29	2053			
The Siam Cement (Kaeng Khoi) Co., Ltd.	Saraburi	Limestone for cement industry	10	RFD	2,571	3	2027
		Shale for cement industry	3	Owned by the company	874	3	2027
	Lopburi	Industrial clay for cement industry	1	Owned by the company	218	14	2038

Concessionaire	Location	Type of Mineral	Number of Concession (Copies)	Type of Area	Area (Rai)	Remaining Years of Concession	Expiry Year
The Siam Cement (Kaeng Khoi) Co., Ltd.	Prachinburi	Industrial clay for cement industry	2	Owned by the company	507	13	2037
	Nakhon Ratchasima	Industrial clay for cement industry	4	Owned by the company	997	18	2042
The Siam Cement (Ta Luang) Co., Ltd.	Saraburi	Limestone for cement industry	5	RFD	956	6	2030
			13	RFD	3,877	18	2042
		Industrial clay for cement industry	1	Owned by the company	280	2	2026
			3	Owned by the company	840	14	2038
			1	Owned by the company	208	17	2041
			2	Owned by the company	200	15	2039
The Siam Cement (Thung Song) Co., Ltd.	Nakhon Sri Thammarat	Limestone for cement industry	19	RFD	4,971	11	2035
		Industrial clay for cement industry	1	Owned by the company	118	17	2041
			1	Owned by the company	65	9	2033
		Gypsum and Industrial clay for cement industry	1	Owned by the company	93	24	2048
	Krabi	Industrial clay for cement industry	2	Owned by the company	372	14	2038
	Suratthani	Gypsum	1	Owned by the company	39	2	2026
	Concessionaire	Location	Type of	Number of	Type of Area	Area	Remaining

		Mineral	Concession (Copies)		(Rai)	Years of Concession	Year
Silasanon Co., Ltd.	Saraburi	Limestone for cement industry, Limestone for white cement and limestone for building industry	1	RFD	257	10	2034
Silathai Sanguan (2540) Co., Ltd.	Khonkaen	Limestone for construction industry	1	Owned by the company	168	14	2038
Khammouane Cement Co., Ltd.	Laos	Limestone for cement industry	1	RFD	21,500 (3,440 ha)	23	2047
		Laterite for cement industry			5,300 (848 ha)	23	2047
		Clay			4,675 (748 ha)	23	2047
Kampot Cement Co.,Ltd.	Cambodia	Limestone for cement industry	1	Ministry of industry, Mines and Energy	6,133	42	2066
PT Tambang Semen Sukabumi (For PT.Semen Jawa)	Indonesia	Limestone for cement industry (Mt. Guha)	1	Ministry of forestry	3,006	14	2038
		Limestone for cement industry (Mt. Batu)	1	Owned by resident	741	15	2039
		Shale for cement industry	1	Ministry of forestry	743	14	2038
Mawlamyine Cement Limited	Myanmar	Limestone for cement industry	1	Ministry of forestry	800 (320 Acre)	12	2036

- **BOI Certificates**

SCG adheres to the policy to apply for the BOI's privileges in every business it is eligible for. The Group believes that it can fully operate under all BOI's rules and regulations due to its transparent operation based on good corporate governance.

- **Chemicals Business**

The Business acquired BOI tax incentives such as machinery import duty exemption, corporate tax exemption for 8 years from the date of first revenue received, and 50 percent reduction of corporate income tax for 5 years after the exemption period. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
R&D (SCG Chem) - New process/ process improvement for Polyethylene	May 6, 2011	Oct, 2026
R&D (SCG Chem) - New product / new technology in Petrochemicals	Nov 10, 2011	Dec, 2024
Calibration	May 22, 2012	Nov, 2025
	May 22, 2014	Feb, 2030
	July 24, 2019	Feb, 2034
Scientific testing services (CI BOT)	Feb 16, 2016	Nov, 2030
Scientific testing services (Oval BOT)	Feb 16, 2016	13 years from the date of first revenue received
Human resources development	Dec 16, 2011	Jan, 2027

The Business acquired BOI tax incentives such as machinery import duty exemption, corporate tax exemption for 7 years from the date of first revenue received, and 50 percent reduction of corporate income tax for 5 years after the exemption period. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Scientific testing services (ADC)	Feb 15, 2019	12 years from the date of first revenue received

The Business acquired BOI tax incentives such as machinery import duty exemption, corporate tax exemption for 8 years in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the date of first revenue received, and 50 percent reduction of corporate income tax for 5 years after the exemption period. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Jetty and terminal	Mar 5, 2010	May, 2024
	Jun 26, 2012	Dec, 2025
	Aug 4, 2014	

Project	Date Acquired	Expiry of Tax Incentives
		Mar, 2028
Ethylene and Propylene (Side Cracker)	Apr 23, 2018	Feb, 2034
PE compound	Jan 5, 2015 Jan 5, 2015	Mar, 2026 Feb, 2028
Steam	Nov 1, 2013	Apr, 2024
Industrial wax	Nov 1, 2013	Nov, 2026
LDPE (DPEX)	Nov 22, 2013	Apr, 2030
Profile, pipe, fitting	Oct 01, 2019 Oct 01, 2019 Oct 01, 2019 Oct 01, 2019 Oct 01, 2019 Oct 01, 2019 Oct 01, 2019 Oct 01, 2019 Oct 01, 2019	Jan, 2024 May, 2024 Mar, 2025 Oct, 2025 Jan, 2025 Oct, 2027 Feb, 2029 Sep, 2029 Jan, 2033
Floating solar farm	Aug 22, 2017	May, 2032
Solar farm	Mar 29, 2018	Dec, 2031

The project which receives corporate tax exemption for 8 years from the first date revenue received but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
R&D (SCG Chem) - Additives for polymer products	Jul 21, 2016	Oct, 2026
Scientific Testing Services (CPP)	Jun 9, 2017	Jan, 2027
R&D (TPE) New technology for polymer product (SMX)	Apr 20, 2016	Jan, 2029
R&D (TPE-PP pilot plant)	Apr 21, 2016	Nov, 2027
R&D (Cirplas) The demonstration unit for Pyrolysis Naphtha manufacturing from post-consumer plastic	Oct 6, 2020	Aug, 2029
Manufacturing of Pyrolysis oil (Cirplas)	Sep 24, 2020	Aug, 2029
Calibration	Aug 2, 2022 Aug 2, 2022	8 years from the date of first revenue received 8 years from the date of

Project	Date Acquired	Expiry of Tax Incentives
		first revenue received

The project which receives 9 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the first date revenue received but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Thermal cracked PE WAX	Apr 3, 2019	May, 2030

The project which receives 8 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the first date revenue received but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Catalyst For HDPE	Jun 16, 2021	Oct , 2030

The project which receives 7 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the first date revenue received but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Pipe, fitting	Oct 01, 2019	Jan, 2027
	Oct 01, 2019	Aug, 2027

The project which receives corporate tax exemption for 6 years from the first date revenue received but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Enterprise software development (E-permit App)	Apr 12, 2022	Feb, 2029

The project which receives 6 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the first date revenue received, and 50% reduction of corporate income tax for 5 years after the exemption period. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Raw Water Plant	Jan 15, 2018	Aug, 2029

The project which receives 5 years of corporate tax exemption from the first date revenue received, and 50% reduction of corporate income tax for 3 years after the exemption period. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Enterprise software development (DRP)	Jan 6, 2021	Dec, 2028

The project which receives 3 years of corporate tax exemption in an amount equivalent to 50% of an investment amount in automation or robotics excluding cost of land and working capital for the projects from the first date revenue received after receiving the promotion certificate but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
MDPE compound powder (R17)	Aug 15 , 2022	Aug, 2025
Online Powder Scanner PVC resin	Oct 7 , 2024	3 years from the date of first revenue received after receiving the promotion certificate

The project which receives 3 years of corporate tax exemption in an amount equivalent to 50% of an investment amount in improving efficiency excluding cost of land and working capital for the projects from the first date revenue received after receiving the promotion certificate but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Polypropylene (PP)	Oct 27 , 2023	3 years from the date of first revenue received after receiving the promotion certificate
Energy saving (Change air compressor)	Feb 15 , 2024	3 years from the date of first revenue received after receiving the promotion certificate
Predictive analytic for critical machine (Refrigerant compressor M-GB1551)	Feb 29 , 2024	3 years from the date of first revenue received after receiving the promotion certificate

○ SCGP

The Business acquired BOI tax incentives such as machinery import duty exemption, corporate tax exemption for 8 years in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the date of first revenue received, and 50% reduction of corporate income tax for 5 years after the exemption period. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Manufacture of plastic or plastic coated packaging	Aug 5, 2008	8 years from the date of first revenue received Jul, 2026
	Mar 27, 2013	

Project	Date Acquired	Expiry of Tax Incentives
	Apr 17, 2014	Jul, 2027
	Mar 19, 2015	Aug, 2028
	Mar 19, 2015	Jul, 2031

The project which receives corporate tax exemption for 8 years from the first date revenue received but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Energy Service Company (ESCO)	Oct 3, 2018	Oct, 2025
Production of electricity from waste or refuse-derived fuel	Jul 26, 2017	Oct, 2026

The project which receives 8 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the date of first revenue received. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Production of electricity and steam	Dec 11, 2014	8 years from the date of first revenue received

Production of electricity from solar energy	Dec 15, 2021	Jan, 2030
	Dec 15, 2021	Jul, 2030
	Oct 25, 2022	Sep, 2030
	Oct 27, 2022	Aug, 2030
	Jan 16, 2023	Nov, 2030
	Jan 16, 2023	Dec, 2030
	Jan 16, 2023	Dec, 2030
	Jan 16, 2023	Feb, 2031
	Jan 16, 2023	Apr, 2031
	Jan 16, 2023	Sep, 2031
	Feb 1, 2023	May, 2031
	Feb 1, 2023	Nov, 2031
	Feb 1, 2023	8 years from the date of first revenue received
	Sep 28, 2023	Jan, 2032
	Feb 9, 2024	Feb, 2032
	Feb 9, 2024	Feb, 2032
	Feb 15, 2024	Jun, 2032
	May 13, 2024	Feb, 2032
	May 13, 2024	Nov, 2032
	May 13, 2024	Mar, 2032
May 21, 2024	Apr, 2032	
Sep 16, 2024	8 years from the date of first revenue received	
Electricity from solar rooftop	Oct 26, 2018	Jun, 2027
	Oct 26, 2018	Mar, 2028
	Nov 22, 2019	Jun, 2028
	Nov 22, 2019	Dec, 2028
	Nov 22, 2019	Feb, 2029
	Nov 22, 2019	Mar, 2029
Electricity from solar power and electricity from floating solar farm	Feb 8, 2019	Jul, 2030

The project which receives 6 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the date of first revenue received. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Manufacture of Onboard devices or equipment (except disposable and reusable aircraft utilities and supplies)	Jun 17, 2021	8 years from the date of first revenue received

The project which receives 5 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the date of first revenue received. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Manufacture of printed matter	Oct 19, 2017	May, 2028
Manufacture of products from hygienic pulp or paper	Sep 8, 2022	Aug, 2027
Manufacture of paper and/or high-performance paper products	Apr 4, 2024	May, 2029

The project which receives 4 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the date of first revenue received. Details are shown below

Project	Date Acquired	Expiry of Tax Incentives
Manufacture of products from environmental-friendly pulp or paper	Feb 1, 2023	Sep, 2026

The project which receives 3 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the date of first revenue received. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Manufacture of kraft paper	Apr 19, 2018	3 years from the date of first revenue received
	Jun 12, 2018	3 years from the date of first revenue received
Manufacture of industrial bag	Jan 5, 2018	3 years from the date of first revenue received
Manufacture of corrugated sheet	Jul 28, 2016	3 years from the date of first revenue received
	Jul 28, 2016	3 years from the date of first revenue received
Manufacture of products from hygienic pulp or paper which product properties are certified by relevant standards	Nov 29, 2024	3 years from the date of first revenue received

The project which receives 3 years of corporate tax exemption in an amount equivalent to 50% of an investment amount of modification project with measure to increase production efficiency excluding cost of land and working capital. So that the project receives the corporate tax exemption on its revenue from existing operation. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Manufacture of paper and/or high-performance paper products	Sep 27, 2023	Sep, 2026
Manufacture of products from environmental-friendly pulp or paper	Mar 29, 2024 Apr 3, 2024	Mar, 2027 Apr, 2027
Manufacture of products from recycled pulp or paper	Apr 3, 2024	Apr, 2027
Manufacture of kraft paper	Sep 5, 2024	Sep, 2027
Manufacture of multilayer plastic packaging through a co-extrusion process	Nov 15, 2024	Nov, 2027
Manufacture of paper and/or high-performance paper products	Dec 19, 2024	Dec, 2027

○ SCG Cement and Green Solutions

The Business acquired BOI tax incentives such as machinery import duty exemption, corporate tax exemption for 8 years from the date of first revenue received, and 50% reduction of corporate income tax for 5 years after the exemption period. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Environmental laboratory	Jun 29, 2012	May, 2027
Electricity and Steam Production from Refuse-Derived Fuel	Jan 25, 2019	Dec, 2032

The project which receives 8 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the first date revenue received but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Solar	May 4, 2017	Nov, 2025
	Feb 21, 2019	Dec, 2031
	Apr 29, 2019	May, 2026
	Apr 29, 2019	Jun, 2026
	Apr 29, 2019	Jun, 2027
	Apr 29, 2019	Feb, 2028
	Apr 29, 2019	Aug, 2028
	Nov 22, 2019	Feb, 2029
	Dec 13, 2019	Jan, 2029

Project	Date Acquired	Expiry of Tax Incentives
	Jul 5, 2021	Jan, 2030
	Jul 6, 2021	Aug, 2029
	Sep 3, 2021	Sep, 2030
	Sep 3, 2021	Sep, 2030
	Feb 15, 2022	Mar, 2032
	Mar 21, 2022	Mar, 2032
Solar Floating	Nov 15, 2016	Mar, 2025
	Apr 29, 2019	Jun, 2027
	Nov 22, 2019	Feb, 2029
	Nov 22, 2019	Feb, 2029
	Nov 22, 2019	Mar, 2029
Solar Rooftop	Nov 22, 2019	Jan, 2030
Refuse Derived Fuel (RDF)	Aug 18, 2016	May, 2024

The project which receives 3 years of corporate tax exemption in an amount equivalent to 50% of an investment amount of modification project with measure to increase production efficiency excluding cost of land and working capital for the projects from the first date of revenue generated. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Cement production to reduce the impact on the environment	Apr 4, 2024	Apr, 2027
	Apr 4, 2024	Apr, 2027
	Apr 18, 2024	Apr, 2027
Refractory Brick production to use alternative energy (Solar Roof)	Nov 15, 2024	Nov, 2027

The project which receives 3 years of corporate tax exemption in an amount equivalent to 200% of an investment amount of supporting local organizations in the field of public health from the date of revenue after receiving the promotion certificate. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Investment in community and social development	Aug 29, 2024	Aug, 2027

○ SCG Smart Living

The project which receives 8 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the first date revenue received but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Solar	Apr 27,2021	Sep , 2030
Solar Rooftop	May 11,2022 May 11,2022	Aug, 2031 Oct, 2031

The project which receives 3 years of corporate tax exemption in an amount equivalent to 50% of an investment amount of modification project with measure to increase production efficiency excluding cost of land and working capital for the projects from the first date of revenue generated. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Fiberglass insulation (using renewable energy Solar Roof)	Mar 4, 2021	Mar, 2024

○ SCG Cleanergy

The Business acquired BOI tax incentives such as machinery import duty exemption, corporate tax exemption for 8 years from the date of first revenue received, and 50% reduction of corporate income tax for 5 years after the exemption period. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Solar roof	Mar 20, 2014	Feb, 2027

The project which receives 8 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the date of first revenue received, and 50% reduction of corporate income tax for 5 years after the exemption period. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Solar roof	Apr 20, 2023	Jul, 2036

The project which receives 8 years of corporate tax exemption in an amount equivalent to 100% of an investment amount excluding cost of land and working capital for the projects from the first date revenue received but doesn't receive corporate tax reduction. Details are shown below:

Project	Date Acquired	Expiry of Tax Incentives
Solar roof	Nov 10, 2022 Feb 1, 2023 Dec 18, 2023	Dec, 2030 Oct, 2031 Oct, 2031

	Dec 18, 2023 Mar 18, 2024 May 14, 2024 May 14, 2024	Dec, 2031 Jul, 2032 Jan 2032 8 years from the date of first revenue received
Project	Date Acquired	Expiry of Tax Incentives
	Jun 17, 2024 Jun 17, 2024 Jun 17, 2024 Jun 17, 2024 Aug 29, 2024 Nov 26, 2024 Dec 12, 2024	Oct, 2032 8 years from the date of first revenue received 8 years from the date of first revenue received 8 years from the date of first revenue received 8 years from the date of first revenue received Nov, 2032 8 years from the date of first revenue received 8 years from the date of first revenue received
Solar farm and roof	Jul 21, 2022	May, 2031
Solar farm	Aug 15, 2023 Nov 4, 2024 Nov 19, 2024	Feb, 2032 8 years from the date of first revenue received 8 years from the date of first revenue received
Solar floating	Jun 17, 2024	8 years from the date of first revenue received

Trademarks

The key trademarks of The Siam Cement Public Company Limited and its subsidiaries comprise of “Elephant Device in Hexagon”, “Elephant Device in Circle”, “Erawan Device in Circle”, “Tiger Device in Circle” and “Elephant Device in Hexagon and SCG” etc. There are approximately 583 trademarks, which are registered at The Department of Intellectual Property, Ministry of Commerce.



Investment policy in subsidiaries and associate companies

The Siam Cement Public Company Limited is the holding company. Therefore, to ensure clarity in business management and effective resource management to strengthen the organization management according to the long term strategy and corporate governance. SCG has diversified into key businesses, including SCG Cement and Green Solutions, SCG Smart Living and SCG Distribution and Retail, SCG Decor, SCGC (SCG Chemicals), SCGP, and SCGJWD. And Investments was established to manage investment in jointly invest with leading companies in other businesses, such as agricultural machinery business, automotive business, automotive accessories and equipments business, and steel business. The returns are in term of dividend and management fee.

Please refer to section 10 and 11 of One report 2024 for more information about shareholding structure of direct and indirect ownership of company, subsidiaries, joint ventures, associates and other companies as of 31 December 2024.