

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7632302

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	09/29/2022

**CONVEYING PARTY DATA**

Name	Execution Date
SK INNOVATION CO., LTD.	09/30/2022

**RECEIVING PARTY DATA**

<b>Name:</b>	SK ON CO., LTD.
<b>Street Address:</b>	51, JONG-RO , JONGNO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	03161

**PROPERTY NUMBERS Total: 490**

Property Type	Number
Application Number:	14360041
Application Number:	13712528
Application Number:	14372308
Application Number:	15353276
Application Number:	14415432
Application Number:	14419558
Application Number:	14424724
Application Number:	14428236
Application Number:	14648964
Application Number:	14646318
Application Number:	14647033
Application Number:	15039363
Application Number:	14765209
Application Number:	14761236
Application Number:	14248933
Application Number:	14250674
Application Number:	14255155
Application Number:	14255322
Application Number:	14264804

PATENT

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14274675
<b>Application Number:</b>	14298059
<b>Application Number:</b>	14904836
<b>Application Number:</b>	14309232
<b>Application Number:</b>	14334251
<b>Application Number:</b>	14906922
<b>Application Number:</b>	14912643
<b>Application Number:</b>	14506940
<b>Application Number:</b>	15025604
<b>Application Number:</b>	14577626
<b>Application Number:</b>	15104666
<b>Application Number:</b>	15104694
<b>Application Number:</b>	15104721
<b>Application Number:</b>	14581087
<b>Application Number:</b>	14608906
<b>Application Number:</b>	14690215
<b>Application Number:</b>	14728680
<b>Application Number:</b>	14728714
<b>Application Number:</b>	14802881
<b>Application Number:</b>	14805910
<b>Application Number:</b>	14811492
<b>Application Number:</b>	14831323
<b>Application Number:</b>	14855438
<b>Application Number:</b>	14854419
<b>Application Number:</b>	14870857
<b>Application Number:</b>	14941118
<b>Application Number:</b>	14947654
<b>Application Number:</b>	14951933
<b>Application Number:</b>	14956721
<b>Application Number:</b>	14967845
<b>Application Number:</b>	14978646
<b>Application Number:</b>	14982516
<b>Application Number:</b>	15547172
<b>Application Number:</b>	15098548
<b>Application Number:</b>	15136385
<b>Application Number:</b>	15178606
<b>Application Number:</b>	15182857
<b>Application Number:</b>	15196703

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15230759
<b>Application Number:</b>	15232111
<b>Application Number:</b>	15249171
<b>Application Number:</b>	15261180
<b>Application Number:</b>	15288535
<b>Application Number:</b>	15371936
<b>Application Number:</b>	15386373
<b>Application Number:</b>	15392738
<b>Application Number:</b>	15407020
<b>Application Number:</b>	15447708
<b>Application Number:</b>	16082357
<b>Application Number:</b>	15495592
<b>Application Number:</b>	15585299
<b>Application Number:</b>	16315914
<b>Application Number:</b>	15606797
<b>Application Number:</b>	15625767
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<b>Application Number:</b>	15625274
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<b>Application Number:</b>	15815795
<b>Application Number:</b>	15815813
<b>Application Number:</b>	16381544
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<b>Application Number:</b>	15850852
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<b>Application Number:</b>	15889456
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<b>Application Number:</b>	15895274
<b>Application Number:</b>	15895218
<b>Application Number:</b>	15946545
<b>Application Number:</b>	15951608
<b>Application Number:</b>	15979599
<b>Application Number:</b>	15989876
<b>Application Number:</b>	15991017
<b>Application Number:</b>	16139905
<b>Application Number:</b>	16155437
<b>Application Number:</b>	16188798
<b>Application Number:</b>	16212255

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16220338
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<b>Application Number:</b>	16250783
<b>Application Number:</b>	16250732
<b>Application Number:</b>	16251446
<b>Application Number:</b>	16254185
<b>Application Number:</b>	16257902
<b>Application Number:</b>	16295134
<b>Application Number:</b>	16368047
<b>Application Number:</b>	16394778
<b>Application Number:</b>	16394918
<b>Application Number:</b>	16394865
<b>Application Number:</b>	16394718
<b>Application Number:</b>	16399407
<b>Application Number:</b>	16399480
<b>Application Number:</b>	16438192
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<b>Application Number:</b>	16702041
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<b>Application Number:</b>	16791222
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<b>Application Number:</b>	16839845
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<b>Application Number:</b>	16934854
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<b>Application Number:</b>	16986994
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<b>Property Type</b>	<b>Number</b>
Application Number:	15841708
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Application Number:	16496202
Application Number:	16042335
Application Number:	16042935
Application Number:	16135783
Application Number:	16232823
Application Number:	16247732
Application Number:	16971703
Application Number:	16279707
Application Number:	16294354
Application Number:	16980615
Application Number:	16758306
Application Number:	16429823
Application Number:	16438170
Application Number:	16445737
Application Number:	16526013
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Application Number:	16541826
Application Number:	16547073
Application Number:	16555932
Application Number:	17267989
Application Number:	16572034
Application Number:	16572180
Application Number:	16576292
Application Number:	16596813
Application Number:	16657456
Application Number:	16674864
Application Number:	16677220
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Application Number:	17311410
Application Number:	16692895
Application Number:	16703161
Application Number:	16723488
Application Number:	16742359
Application Number:	17426169
Application Number:	16785059
Application Number:	16785115

<b>Property Type</b>	<b>Number</b>
Application Number:	16785165
Application Number:	16793867
Application Number:	16793799
Application Number:	16812750
Application Number:	17602452
Application Number:	16839772
Application Number:	16848571
Application Number:	16842282
Application Number:	16842369
Application Number:	16843796
Application Number:	16845933
Application Number:	16853430
Application Number:	16857461
Application Number:	16866728
Application Number:	16867963
Application Number:	15931327
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Application Number:	16875306
Application Number:	16884175
Application Number:	16884207
Application Number:	16885819
Application Number:	16889841
Application Number:	16892600
Application Number:	16933136
Application Number:	16933010
Application Number:	16936795
Application Number:	16936843
Application Number:	16990335
Application Number:	16992592
Application Number:	17003635
Application Number:	17014314
Application Number:	17021145
Application Number:	17041959
Application Number:	17034940
Application Number:	17034189
Application Number:	17039441
Application Number:	17039509
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<b>Property Type</b>	<b>Number</b>
Application Number:	17044408
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Application Number:	17060209
Application Number:	17073631
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Application Number:	17086711
Application Number:	17086771
Application Number:	17101289
Application Number:	17110426
Application Number:	17110405
Application Number:	17122146
Application Number:	17138328
Application Number:	17144838
Application Number:	17149787
Application Number:	17149797
Application Number:	17151733
Application Number:	17158503
Application Number:	17160610
Application Number:	17167195
Application Number:	17167173
Application Number:	17167248
Application Number:	17266842
Application Number:	17181107
Application Number:	17181515
Application Number:	17183440
Application Number:	17186152
Application Number:	17189720
Application Number:	17193133
Application Number:	17198401
Application Number:	17220114
Application Number:	17220088
Application Number:	17224247
Application Number:	17224760
Application Number:	17225850
Application Number:	17226470
Application Number:	17230586
Application Number:	17233605
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<b>Property Type</b>	<b>Number</b>
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Application Number:	17325294
Application Number:	17327051
Application Number:	17326461
Application Number:	17338317
Application Number:	17337542
Application Number:	17342227
Application Number:	17342340
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Application Number:	17354271
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Application Number:	17360454
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Application Number:	17377024
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<b>Property Type</b>	<b>Number</b>
Application Number:	17395141
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Application Number:	17404771
Application Number:	17407366
Application Number:	17411223
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Application Number:	17464921
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Application Number:	17473605
Application Number:	17474274
Application Number:	17474684
Application Number:	17475058
Application Number:	17475614
Application Number:	17477640
Application Number:	17481535
Application Number:	17482637
Application Number:	17486076
Application Number:	17486135
Application Number:	17486032
Application Number:	17492921
Application Number:	17493953
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Application Number:	17509688
Application Number:	17509793
Application Number:	17509642
Application Number:	17511760
Application Number:	17511744
Application Number:	17512548
Application Number:	17512440
Application Number:	17515254
Application Number:	17514278
Application Number:	17515609
Application Number:	17515878
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Application Number:	17520831
Application Number:	17522361
Application Number:	17524430
Application Number:	17524524
Application Number:	17524546
Application Number:	17525578
Application Number:	17528020
Application Number:	17534202
Application Number:	17534330
Application Number:	17533378
Application Number:	17535016
Application Number:	17535948
Application Number:	17535938
Application Number:	17536242
Application Number:	17538632
Application Number:	17538423
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Application Number:	17540072
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Application Number:	17547851
Application Number:	17549546
Application Number:	17551886
Application Number:	17552576
Application Number:	17560768
Application Number:	17560536
Application Number:	17560567
Application Number:	17565290
Application Number:	17565366
Application Number:	17565543
Application Number:	17568243
Application Number:	17569905
Application Number:	17570165
Application Number:	17570204
Application Number:	17569861
Application Number:	17572513
Application Number:	17572484
Application Number:	17573549
Application Number:	17574316
Application Number:	17576511
Application Number:	17577314
Application Number:	17578016
Application Number:	17577624
Application Number:	17582138
Application Number:	17582986
Application Number:	17584121
Application Number:	17584032
Application Number:	17584876
Application Number:	17591123
Application Number:	17591027
Application Number:	17575368
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Application Number:	17685743
Application Number:	17686985
Application Number:	17689734

<b>Property Type</b>	<b>Number</b>
Application Number:	17697704
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Application Number:	17688209
Application Number:	17703666
Application Number:	17707577
Application Number:	17722524
Application Number:	17735335
Application Number:	17739747
Application Number:	17739231
Application Number:	17834422
Application Number:	17809032
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Application Number:	11908581
Application Number:	11909806
Application Number:	12312946
Application Number:	12159533
Application Number:	12303628
Application Number:	12302373
Application Number:	12303309
Application Number:	12303315
Application Number:	12520078
Application Number:	12522596
Application Number:	12449312
Application Number:	12449313
Application Number:	12526569
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Application Number:	12740165
Application Number:	12738333
Application Number:	12681990
Application Number:	12738346
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Application Number:	12812163
Application Number:	12988901

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13146867
<b>Application Number:</b>	12989907
<b>Application Number:</b>	13061660
<b>Application Number:</b>	13146881
<b>Application Number:</b>	13257831
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<b>Application Number:</b>	13517306
<b>Application Number:</b>	12971941
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<b>Application Number:</b>	14362877
<b>Application Number:</b>	13733926

Property Type	Number
Application Number:	14373053
Application Number:	14383273
Application Number:	14383339
Application Number:	14397735
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Application Number:	14406490
Application Number:	14415067
Application Number:	14415408
Application Number:	14412505
Application Number:	14416136
Application Number:	14409365
Application Number:	14411733
Application Number:	14422045
Application Number:	13940549
Application Number:	15070764

**CORRESPONDENCE DATA**

**Fax Number:** (703)739-2815

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Email:** recordals@clarivate.com

**Correspondent Name:** CPA GLOBAL LIMITED

**Address Line 1:** LIBERATION HOUSE

**Address Line 2:** CASTLE STREET

**Address Line 4:** ST HELIER, JERSEY JE1 1BL

<b>NAME OF SUBMITTER:</b>	HELEN BIRRELL
<b>SIGNATURE:</b>	/IPR/MM/IPR_2022_073_Markpro-SKO/AG490P/
<b>DATE SIGNED:</b>	11/07/2022

**Total Attachments: 17**

- source=U.S.A - Assignment#page1.tif
- source=U.S.A - Assignment#page2.tif
- source=U.S.A - Assignment#page3.tif
- source=U.S.A - Assignment#page4.tif
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UNITED STATES OF AMERICA  
**ASSIGNMENT**

WHEREAS, **SK Innovation Co., Ltd.** (“ASSIGNOR”), a Corporation organized under the laws of **Republic of Korea**, with a place of business at **26, Jong-ro, Jongno-gu, Seoul 03188, Republic of Korea**, owns the United States Patent(s) (the “Patent(s)”) listed on the attached Schedule A; and

WHEREAS, **SK On Co., Ltd.** (“ASSIGNEE”), a Corporation organized under the laws of **Republic of Korea**, with a place of business at **51, Jong-ro, Jongno-gu, Seoul, 03161, Republic of Korea**, desires to acquire all rights to the Patent(s);

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which ASSIGNOR acknowledges, ASSIGNOR has sold, assigned, transferred, and set over, and does, by this Assignment, sell, assign, transfer, and set over unto ASSIGNEE, all rights to the Patent(s), including reissues and extensions, to be held and enjoyed by ASSIGNEE, its successors, assigns, and legal representatives, for ASSIGNEE’s own use and benefit and for the use and benefit of its successors, assigns, and legal representatives, to the end of the term(s) for which the Patent(s) has/have been granted or may be reissued or extended, as fully and entirely as the Patent(s) would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made; together with all claims for profits and damages by reason of past infringement, with the right to sue for and collect the same for the use and benefit of ASSIGNEE, its successors, assigns, and legal representatives.

This Assignment is deemed to have become effective as from: 09.29.2022

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused this Assignment to be executed by its duly authorized officer or representative on the date(s) indicated below.

**SK Innovation Co., Ltd.**

By: Doh Lee

Name: DOH LEE  
Title: Leader of IP unit  
Date: 30 September, 2022

**SK On Co., Ltd.**

By: Bokun Park

Name: Bokun Park  
Title: leader of IP unit  
Date: 30 September, 2022



**Schedule**

	<b>Country</b>	<b>Application Number</b>	<b>IP Grant Number</b>
1	U.S.A	15/841708	
2	U.S.A	16/469404	
3	U.S.A	16/496202	
4	U.S.A	16/042935	
5	U.S.A	16/135783	
6	U.S.A	16/232823	
7	U.S.A	16/247732	
8	U.S.A	16/971703	
9	U.S.A	16/279707	
10	U.S.A	16/294354	
11	U.S.A	16/980615	
12	U.S.A	16/758306	
13	U.S.A	16/429823	
14	U.S.A	16/438170	
15	U.S.A	16/445737	
16	U.S.A	16/526013	
17	U.S.A	16/534610	
18	U.S.A	16/541826	
19	U.S.A	16/547073	
20	U.S.A	16/555932	
21	U.S.A	17/267989	
22	U.S.A	16/572034	
23	U.S.A	16/572180	
24	U.S.A	16/576292	
25	U.S.A	16/596813	
26	U.S.A	16/657456	
27	U.S.A	16/674864	
28	U.S.A	16/677220	
29	U.S.A	17/421003	
30	U.S.A	17/311410	

	Country	Application Number	IP Grant Number
31	U.S.A	16/692895	
32	U.S.A	16/703161	
33	U.S.A	16/723488	
34	U.S.A	16/742359	
35	U.S.A	17/426169	
36	U.S.A	16/785059	
37	U.S.A	16/785115	
38	U.S.A	16/785165	
39	U.S.A	16/793867	
40	U.S.A	16/812750	
41	U.S.A	17/602452	
42	U.S.A	16/839772	
43	U.S.A	16/848571	
44	U.S.A	16/842282	
45	U.S.A	16/842369	
46	U.S.A	16/843796	
47	U.S.A	16/845933	
48	U.S.A	16/853430	
49	U.S.A	16/857461	
50	U.S.A	16/866728	
51	U.S.A	16/867963	
52	U.S.A	15/931327	
53	U.S.A	15/931366	
54	U.S.A	16/875306	
55	U.S.A	16/884175	
56	U.S.A	16/884207	
57	U.S.A	16/885819	
58	U.S.A	16/889841	
59	U.S.A	16/892600	
60	U.S.A	16/933136	
61	U.S.A	16/933010	
61	U.S.A	16/936795	
63	U.S.A	16/936843	
64	U.S.A	16/990335	

	Country	Application Number	IP Grant Number
65	U.S.A	16/992592	
66	U.S.A	17/003635	
67	U.S.A	17/014314	
68	U.S.A	17/021145	
69	U.S.A	17/041959	
70	U.S.A	17/034940	
71	U.S.A	17/034189	
72	U.S.A	17/039441	
73	U.S.A	17/039509	
74	U.S.A	17/060184	
75	U.S.A	17/044408	
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91	U.S.A	17/160610	
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96	U.S.A	17/181107	
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112	U.S.A	17/308460	
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114	U.S.A	17/325294	
115	U.S.A	17/326461	
116	U.S.A	17/338317	
117	U.S.A	17/337542	
118	U.S.A	17/342227	
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132	U.S.A	17/379564	

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463	U.S.A	16/983040	11251423
464	U.S.A	16/986994	11355743
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7	U.S.A	12/738333	8310204
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