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September 8, 2023

VIA EMAIL

Samsung Electronics Co., Ltd.
IP Center 416, Maetan 3-dong, Yeongtong-gu
Suwon-si, Gyeonggi-do, 443-742, Korea
Attn: Daejin Jeon
daejin.jeon@samsung.com

Re: Maxell's Smartphones, Tablets, Smartwatches, Streaming Devices, and Television Related Patents

Dear Mr. Jeon:

I write to follow-up on the correspondence you have been exchanging with my client Maxell since the summer of 2021. Despite Maxell's efforts to engage in discussion for several years with respect to Maxell's patent portfolio related to smartphones, tablets, and smart watches, the parties were unable to make any progress in reaching a resolution. Thus, on September 7, 2023, Maxell filed a Complaint of patent infringement against Samsung in the Eastern District of Texas. I have enclosed the Complaint for your reference.

We also request that you waive service of the complaint on behalf of Samsung Electronics Co., Ltd. in exchange for an extension of time for all defendants to file a response in accordance with F.R.C.P. 4(d). If you do not accept in a timely manner, Maxell will move the Court for leave to effect alternative service on Samsung Electronics Co., Ltd. A copy of the waiver form is attached for your convenience. If you refuse to waive service, you may be subject to penalties, including "the expenses later incurred in making service; and [] the reasonable expenses, including attorney's fees, of any motion required to collect those service expenses." See F.R.C.P. 4(d)(2).

While the Complaint has been filed, I write to inform you that Maxell (Messrs. Yamamoto and Hirabayashi) is still ready to engage in serious business discussions and resolve this matter without protracted litigation. Such resolution will be beneficial to Samsung because Maxell's patent portfolio continues to grow and goes from strength to strength based on the fact that Lenovo and Motorola Mobility have recently entered into a license agreement to Maxell's portfolio and the USPTO continues to grant additional patents to Maxell that covers various features of Samsung's smartphones, tablets, watches, televisions, and laptops. In particular, I would like to call to your attention the following U.S. patents that have issued since the list Maxell provided in a letter dated December 29, 2021. These patents are also being infringed by Samsung's smartphones, tablets, smartwatches, and laptops and could be part of future complaints if Samsung continues to choose the course of further delays and protracted litigation.

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No.	U.S. Pat. No.	Claims	Accused Product(s)
1	11,221,707 (previously identified as allowed U.S. Pat. Appl. No. 16/072,498)	1-14	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
2	11,277,650 (previously identified as allowed U.S. Pat. Appl. No. 16/855,012)	1-4	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets, Galaxy Watch, Active, and Fit smartwatches.
3	11,223,757 (previously identified as allowed U.S. Pat. Appl. No. 16/686,467)	1, 2, 9, 11	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
4	11,451,646	1, 3, 4	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets, Galaxy Watch, Active, and Fit smartwatches.
5	11,539,921	1-10	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
6	11,451,860	1-23, 26-28	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
7	11,451,861	1-24	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
8	11,509,953	1-29	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
9	11,445,241	1-26	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
10	11,388,593	1-2, 4-6, 11-12, 14-16, 21-22, 24-26	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets, Galaxy Watch, Active, and Fit smartwatches.

No.	U.S. Pat. No.	Claims	Accused Product(s)
11	11,611,718	1-4	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
12	11,461,446	1-7	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets, Galaxy Watch, Active, and Fit smartwatches.
13	11,349,977	1, 8-11	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
14	11,461,501	1-14	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
15	11,665,390	1-4	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
16	11,514,120	1, 8	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
17	10,616,529	5-10	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
18	11,477,316	5-10	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
19	11,438,648	1-10	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
20	11,581,758	1-4	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
21	11,570,599	1, 3-4, 6-9	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets, Galaxy Watch, Active, and Fit smartwatches.
22	11,323,611	1, 3-7, 9-11	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
23	11,490,004	1-20	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.

No.	U.S. Pat. No.	Claims	Accused Product(s)
24	11,303,794	1, 3	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
25	11,653,081	1-20	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
26	11,297,242	1-3	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
27	11,363,132	1-3, 5-7	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
28	11,076,104	10-14	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
29	11,496,692	1-8	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
30	11,593,524	1	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
31	11,696,021	1-14	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
32	11,687,177	1	Galaxy Watch, Active, Fit smartwatches
33	11,750,529	1	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
34	11,750,915	1-19	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
35	11,729,324	1	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
36	US17/868,139 (Allowed)	2-21 (to issue as claims 1-20)	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
37	US17/497,855 (Allowed)	8-16 (to issue as claims 1-9)	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.

No.	U.S. Pat. No.	Claims	Accused Product(s)
38	US17/494,044 (Allowed)	2, 9 (to issue as claims 1, 8)	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
39	11,468,916	1-8, 22-28	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
40	US17/961,183 (Allowed)	1-8, 22-28	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
41	11,727,960	1-30	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
42	US17/744,135 (Allowed)	8-17	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
43	11,711,585	1, 2	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
44	US17/168,660 (Allowed)	1	Galaxy Watch, Active, Fit smartwatches
45	11,743,583	1-5, 11	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
46	8,130,280	1, 14, 17	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
47	11,223,865	9-11	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
48	11,589,095	12-14	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
49	9,812,254	1, 7, 8	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets.
50	US18/138,178 (Allowed)	1-21	Galaxy A, S, Z, Note, XCover series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets

In addition, while Samsung's televisions are not the subject of the enclosed complaint, Maxell would also like to bring to your attention the following patents that are being infringed by Samsung's televisions and whose strength has also been confirmed based on recent license agreements with major television manufacturers.

No.	U.S. Pat. No.	Claims	Accused Product(s)
1	US10037744	1, 2, 4, 9, 10, 12	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
2	US10110944	1-40	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
3	US10116984	1-40	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
4	US10200735	1-20	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
5	US10200736	1-20	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
6	US10200743	1	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
7	US10219019	1-12, 14-30	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
8	US10219020	1-14, 16-24	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
9	US10271085	1-10	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
10	US10271086	1-20	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
11	US10327029	1-30	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
12	US10339893	1, 2, 4, 5, 6, 7, 9, 10, 11, 12, 14, 15, 16, 17, 19, 20	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
13	US10354612	1, 2, 6, 7, 8, 9, 13, 14	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
14	US10375341	1-4	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
15	US10484733	1-32	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
16	US10516912	1	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
17	US10542232	1- 24	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
18	US10629160	1, 2, 3, 6, 7, 8	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
19	US10650780	1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 16, 18, 19, 20	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
20	US10685622	1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 16, 18, 19, 20	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
21	US10951940	1-28	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
22	US10957278	1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 13, 14, 15, 17, 18, 19	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
23	US10958971	1, 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
24	US10972783	1-3	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
25	US11308914	1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 13, 14, 15, 17, 18, 19	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
26	US11363326	1-3	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
27	US11477508	1-28	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
28	US11501735	1-26	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
29	US11587524	1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
30	US9420272	1	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
31	US9578369	1-18	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
32	US9749675	1	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
33	US9794629	1-20	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
34	US9883225	1-16	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
35	US9924124	1, 2	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
36	US9686578	1-5	Neo QLED 8K Smart TVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
37	US9942596	1-10	Neo QLED 8K Smart TVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
38	US10679674	1, 9, 17, 23	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
39	US11451860	1-3, 5, 6, 7-13, 16-22	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
40	US9743129	1, 3, 5, 7	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
41	US8949878	1, 15, 28, 38, 48-50	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
42	US8970793	1-19	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
43	US9541951	1-17	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
44	US10291877	1-16	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
45	US9046243	1-2, 5-12, 15-20, 22-26	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
46	US10139677	1-18, 21, 23	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
47	US10534220	1-7, 10-17, 20-21	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
48	US10642099	1-7, 9-15, 17-18	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
49	USRE47914	1-8, 10-12, 14-15, 17, 19-22, 28-32	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
50	US9335039	1, 10	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
51	US9645426	1-5, 8-10, 12-14, 19, 20	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
52	US10459270	1-6, 10-11	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
53	US10895769	18-20	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
54	US11017815	1, 9, 16, 21	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

No.	U.S. Pat. No.	Claims	Accused Product(s)
55	US18/076481 (Allowed)	1-27	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs
56	US18/138,178 (Allowed)	6-21	Neo QLED 8K SmartTVs, Neo QLED 8K HDR Smart TVs, Neo QLED 4K Smart TVs, Neo QLED 4K HDR Smart TVs, Frame QLED 4K Smart TVs, QLED 4K Smart TVs, Frame QLED 4K UHD HDR Smart TVs, Terrace QLED 4K UHD HDR Smart TVs, Sero QLED 4K UHD HDR Smart TVs, QLED 4K UHD HDR Smart TVs, QLED 8K UHD HDR Smart TVs, QLED 8K UHD Smart TVs, Serif QLED 4K UHD HDR Smart TVs, Crystal UHD 4K Smart TVs, 4K Crystal UHD HDR Smart TVs, Crystal UHD Smart TVs, Crystal UHD HDR Smart TVs, QLED 4K UHD Smart TVs, Smart Full HD TVs, HD TVs, OLED 4K Smart TVs, OLED 4K HDR Smart TVs, Smart Monitor & Streaming TVs

As with Maxell's prior identifications, the foregoing listing of patents, claims, and accused products is exemplary. Nevertheless, the breadth of Maxell's patent portfolio indicates the broad applicability of Maxell's patents to multiple product lines of Samsung.

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Given that Samsung has had several years to evaluate Maxell's patent lists and various materials, we stand ready to enter into constructive business discussions to determine whether a mutually acceptable patent license agreement can be reached. Despite filing the Complaint, Maxell is prepared to enter into such discussions at your earliest convenience. I will be handling this discussion on behalf of Maxell and can be reached by email at jbeaber@mayerbrown.com. I look forward to your reply and the opportunity to discuss these matters with you or your representative.

Sincerely,

Jamie B. Beaber