



Maxell, Ltd.
IP Innovation Business Unit

December 29, 2021

Yokohama Business Park (YBP)
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Yokohama, 240-0005 Japan

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 Jeon-san,

We write to follow-up from our prior email exchange of August 2021 when we had completed execution of the NDA and decided to setup a time for a teleconference. As a next step to continue our discussions, Maxell would like to setup a teleconference with Samsung in early 2022 relating to discussions over a patent license agreement for Maxell's patent portfolio, which covers various features of Samsung's smartphones, tablets, watches, televisions, and related hardware and software products.

While we work together to schedule a time for a teleconference, Maxell would like to call to your attention the following U.S. patents and allowed patent application that we believe are also being infringed by Samsung's smartphones, tablets, smartwatches, and related hardware and software products. These are in addition to the patents we identified previously.

No.	U.S. Pat. No.	Claims	Accused Product(s)	No.	U.S. Pat. No.	Claims	Accused Product(s)
1	RE 48,830	1-5	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets	12	10,878,456	1, 11	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets

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2	11,017,815	1-27	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets	13	10,911,661	1-17	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets
3	11,094,350	1-10	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, Book series tablets, Galaxy Watch, Active, Fit smartwatches	14	8,319,848	1, 2	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets
4	11,159,853	1, 6, 11	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets	15	10,432,876	1, 5	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets
5	11,140,438	1, 9, 14	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series	16	16/072,498 (allowed claims 8-21)	Claims will issue as 1-14	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book

			tablets				series tablets
6	11,026,088	1, 14, 15	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets	17	16/855,012 (allowed claims 2-5)	Claims will issue as 1-4	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets, Galaxy Watch, Active, and Fit smartwatches
7	10,887,441	4	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets	18	16/686,467 (allowed claims 1, 2, 9, 11)	Claims will issue as 1, 2, 9, 11	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets
8	11,165,715	1-7	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets	19	11,159,830	1, 8, 15, 23	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets
9	10,582,134	1, 8, 15	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab	20	11,086,422	1, 6, 8, 9	Galaxy Watch, Active, and Fit smartwatches

			A, Tab X, and Book series tablets				
10	10,909,435	1, 7	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets	21	10,915,220	1, 7	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets, Galaxy Watch, Active, and Fit smartwatches
11	7,835,543	1, 11	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets	22	8,471,950	1	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets

Further, to demonstrate the strength of Maxell's patents, I bring the following patents to your attention again. These patents were subject to *ex parte* reexamination proceedings at the request of Apple. I had provided notice of these patents in my previous letter but the developments in the *ex parte* reexamination proceedings show that the USPTO examined these patents a second time and issued reexamination certificates along with, where applicable, new claims after consideration of all the prior art that had been cited by licensees in prior cases. We continue to believe that these patents and the claims are infringed by Samsung's smartphones, tablets, and related hardware and software products:

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U.S. Pat. No.	Reexam No.	Ex Parte Certificate Issuance Date	Claims	Accused Product(s)
8,982,086	90/014,638	Sep. 28, 2021	1-15	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets
7,203,517	90/014,631	Oct. 25, 2021	9-44	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, Book series tablets, Galaxy Watch, Active, and Fit smartwatches.
6,408,193	90/014,632	Oct. 29, 2021	1-7	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets
10,129,590	90/014,651	Nov. 15, 2021	1-25	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets
8,339,493	90/014,628	Notice of Intent to Issue Certificate mailed Dec. 9, 2021	1-14	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets
10,176,848	90/014,641	Examiner has indicated confirmation of claims 11, 12, 16, 17, 19, and 20 and indication of allowable subject matter for remaining claims in Final Office Action mailed Nov. 24, 2021	1-7, 9, 11-12, 14, 16-17, 19-33, 51-100	Galaxy A, S, Z, Note series phones; Galaxy Tab A, Tab X, Book series Galaxy Tab A, Tab X, and Book series tablets

We look forward to scheduling our teleconference.

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Sincerely yours,

A handwritten signature in black ink, reading "Tomonori Hirabayashi". The signature is written in a cursive style with a large, stylized initial 'T'.

Tomonori HIRABAYASHI
Senior Manager
IP Innovation Business Unit
Maxell, Ltd.