

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT8108857

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	LG ELECTRONICS INC.	11/01/2018
RECEIVING PARTY DATA		
Name:	BLACKBERRY LIMITED	
Street Address:	2200 UNIVERSITY AVENUE EAST	
City:	WATERLOO, ONTARIO	
State/Country:	CANADA	
Postal Code:	N2K 0A7	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	18232889
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	29717-2236008	
NAME OF SUBMITTER:	CANDICE R. ROCKETT	
SIGNATURE:	/Candice R. Rockett/	
DATE SIGNED:	08/11/2023	
Total Attachments: 9		
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PATENT

REEL: 064560 FRAME: 0248

Registered No. 2018 - 4411

NOTARIAL CERTIFICATE

Dong Hwa Law Corporation

439, Gangnam-daero, Seocho-gu,
Seoul, Korea



PATENT ASSIGNMENT

This Patent Assignment (this "**Assignment**") is made effective as of November 1, 2018 (the "**Effective Date**") between LG Electronics Inc., a South Korean corporation ("**Assignor**") and BlackBerry Limited, an Ontario, Canada corporation ("**Assignee**").

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Assignor hereby irrevocably sells, assigns, transfers, and conveys to Assignee all of Assignor's right, title, and interest in and to any and all of the following (collectively, the "**Patent Rights**"): (a) the patents and patent applications identified in the attached Schedule A, together with any patent issuing on any such patent application, as well as any rights of priority in or to any of the foregoing patents and patent applications; (b) all reissues, extensions, renewals, reexaminations, divisionals, substitutions, continuations, continuations-in-part, parents, conversions, continued examinations, continued prosecution applications, and domestic and foreign counterparts of any of the patents or patent applications described in clause 2(a) above, and any other patent and patent application throughout the world that claims priority to only the patents or patent applications described in clause 2(a) above; (c) each patent or patent application that is referenced by a terminal disclaimer filed in connection with any of the patents or patent applications identified in clause 2(a) or clause 2(b) above (each patent and patent application described in clauses 2(a) through and including clause 2(c), collectively, the "**Assigned Patents**"); (d) to the extent they exist, any and all rights to sue and causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Assigned Patents, including any and all causes of action and other enforcement rights for damages, injunctive or other equitable relief, and any other remedies of any kind (in each case for past, current, and future infringement), and all rights to collect and receive damages, royalties and other payments under or on account of each of the Assigned Patents and/or inventions claimed in the Assigned Patents; and (e) the right to apply (or continue prosecution) in any and all countries of the world for patents, design patents, utility models, certificates of invention or other governmental grants for the Patent Rights, as well as the rights, if any, to revive any abandoned Patent Rights.

2. Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

3. Assignor hereby authorizes and requests the attorney or agent of record to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the respective patent office or governmental agency in each jurisdiction for recordation or other official recognition.

4. The construction, validity, performance, and effect of this Assignment will be governed by the laws of New York without giving effect to principles of conflicts of laws. The

Parties consent to the exclusive jurisdiction of the federal and state courts in New York, NY to resolve any dispute, claim, or controversy arising from or relating to this Agreement or the breach or validity hereof.

5. This Assignment shall be binding upon and inure to the benefit of the parties and their respective successors and permitted assigns.

6. Any rule of construction to the effect that ambiguities are to be resolved against the drafting party will not be applied in the construction or interpretation of this Assignment. The words "include," "including," and variations thereof will be deemed to be followed by the words "without limitation." The use of "or" will not be deemed to be exclusive. This Assignment may be executed in counterparts, each of which when executed will be deemed to be an original but all of which taken together will constitute one and the same agreement.

[Signature page follows.]



Do Hyun Jung
DO HYUN JUNG
PRESIDENT
LG Electronics Inc.

C101

IN WITNESS WHEREOF, intending to be legally bound, the parties through their duly authorized representatives have executed this Assignment.

LG ELECTONICS INC.¹

By: *[Signature]*

Name: SAENG GYU JEON

Title: Executive Vice president



BLACKBERRY LIMITED

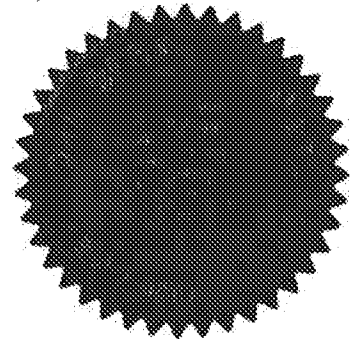
By: *[Signature]*

Name: Steve Rai

Title: Controller & Authorized Signing Officer

I certify the authenticity of
the signature appearing on this
document

[Signature]
Gregory John Best
A notary public for the
Province of Ontario



¹ Notarized original copies to be provided to Assignee for registration with the applicable patent offices

Schedule A to Patent Assignment

Patents and Patent Applications

Family	Country	Status	Application No.	Patent No.
B	US	Granted	13/183317	8989768
B	US	Granted	14/597613	9155063
B	CN	Granted	201180034915.9	103004267
B	EP	Validated	11807012.7	2594103
B	ES	Granted	11807012.7	2594103
B	SE	Granted	11807012.7	2594103
B	FR	Granted	11807012.7	2594103
B	FI	Granted	11807012.7	2594103
B	NL	Granted	11807012.7	2594103
B	IT	Granted	11807012.7	2594103
B	DE	Granted	11807012.7	2594103
B	GB	Granted	11807012.7	2594103
B	EP	Allowed	16154014.1	
B	JP	Granted	2013-519582	5624212
B	KR	Granted	10-2011-0026815	10-1191215
B	IN	Published	3984/KOLNP/2012	
C	US	Granted	13/019241	8483090
C	US	Granted	13/870208	9094832
C	US	Granted	14/747845	9456381
C	CN	Granted	201180005583.1	102714794
C	EP	Validated	11740039.0	2532183
C	FR	Granted	11740039.0	2532183
C	DE	Granted	11740039.0	2532183
C	GB	Granted	11740039.0	2532183
C	NL	Granted	11740039.0	2532183
C	KR	Granted	10-2011-0009783	10-1831448
C	IN	Published	1620/KOLNP/2012	
D	US	Granted	15/265591	9730199
D	US	Granted	15/641987	9999035
D	US	Granted	14/374209	9467984
D	US	Published	15/966635	
D	CN	Granted	201380015904.5	104205710
D	CN	Published	201710310902.9	
D	EP	Validated	13740670.8	2797253
D	IT	Granted	13740670.8	2797253
D	DE	Granted	13740670.8	2797253
D	GB	Granted	13740670.8	2797253
D	NL	Granted	13740670.8	2797253

Family	Country	Status	Application No.	Patent No.
D	FR	Granted	13740670.8	2797253
D	EP	Validated	16181796.0	3104545
D	IT	Granted	16181796.0	3104545
D	FR	Granted	16181796.0	3104545
D	DE	Granted	16181796.0	3104545
D	GB	Granted	16181796.0	3104545
D	NL	Granted	16181796.0	3104545
D	EP	Allowed	17185621.4	
D	JP	Granted	2014-554665	5859683
D	JP	Granted	2015-245067	6106256
D	KR	Granted	10-2014-7019472	10-1690396
E	US	Granted	13/007497	8284865
E	US	Granted	12/030125	7899132
E	US	Granted	12/565678	7885349
E	CN	Granted	200880005112.9	101611569
E	CN	Granted	201310400063.1	103560818
E	EP	Validated	08712395.6	2119036
E	SE	Granted	08712395.6	2119036
E	GB	Granted	08712395.6	2119036
E	DE	Granted	08712395.6	2119036
E	FI	Granted	08712395.6	2119036
E	CH	Granted	08712395.6	2119036
E	EP	Published	09169902.5	
E	EP	Published	13178618.8	
E	IN	Granted	2206/KOLNP/2009	263960
E	KR	Granted	10-2008-0011320	10-0928263
E	KR	Granted	10-2008-0011316	10-0934666
E	KR	Granted	10-2007-0051573	10-0934662
E	MX	Granted	MX/a/2009/007208	290022
E	RU	Granted	2010115271	2446574
E	JP	Granted	2009-548168	5111524
E	TW	Granted	097105194	1416888
H	US	Granted	12/865992	8509168
H	CN	Granted	200980105150.6	101946539
H	EP	Validated	09706115.4	2242303
H	IT	Granted	09706115.4	2242303
H	DE	Granted	09706115.4	2242303
H	GB	Granted	09706115.4	2242303
H	JP	Granted	2010-544242	5184651
H	KR	Granted	10-2009-0008017	10-1634384
I	US	Granted	12/765595	8553726

Family	Country	Status	Application No.	Patent No.
I	EP	Validated	10160823.0	2244518
I	DE	Granted	10160823	2244518
I	GB	Granted	10160823	2244518
I	FR	Granted	10160823	2244518
J	US	Granted	14/099736	8837625
J	US	Granted	12/548184	8625703
J	CN	Granted	200980137425.4	102165714
J	EP	Validated	09810187.6	2319193
J	FR	Granted	09810187.6	2319193
J	NL	Granted	09810187.6	2319193
J	DE	Granted	09810187.6	2319193
J	GB	Granted	09810187.6	2319193
J	JP	Granted	2011-524898	5496204
J	KR	Granted	10-2009-0042820	10-1573072
K	US	Granted	13/774860	8856606
K	US	Granted	12/457596	8412999
K	CN	Granted	200980112922.9	101999213
K	EP	Validated	09770305.2	2255465
K	FR	Granted	09770305.2	2255465
K	DE	Granted	09770305.2	2255465
K	GB	Granted	09770305.2	2255465
K	NL	Granted	09770305.2	2255465
K	JP	Granted	2011-504914	5337867
K	JP	Granted	2013-162171	5653491
K	KR	Granted	10-2008-0100021	10-1481584
L	US	Granted	14/450029	9036512
L	US	Granted	13/508032	8848510
L	US	Granted	14/686552	9572142
L	US	Granted	15/391721	9986542
L	US	Published	15/958974	
L	CN	Granted	201510045363.1	104618000
L	EP	Validated	10828578.4	2501071
L	NL	Granted	10828578.4	2501071
L	DE	Granted	10828578.4	2501071
L	GB	Granted	10828578.4	2501071
L	KR	Granted	10-2010-0110816	10-1789618
M	US	Granted	14/240000	9544119
M	CN	Granted	201280057384.X	103947144
M	EP	Validated	12852056.6	2784959
M	GB	Granted	12852056.6	2784959
M	DE	Granted	12852056.6	2784959

Family	Country	Status	Application No.	Patent No.
M	NL	Granted	12852056.6	2784959
M	FR	Granted	12852056.6	2784959
M	FI	Granted	12852056.6	2784959
M	JP	Granted	2014-525953	5745182
M	KR	Published	10-2014-7017138	

등부 2018년 제 4411호

Registered No. 2018-4411

인 증

NOTARIAL CERTIFICATE

위 양도증 ----- 에
기재된 촉탁인 엘지전자 주식회사 ---
대표이사 정 도 현 -----

JUN SUNGMI -----

attorney-in-fact of
DOHYUN JUNG President of -----
LG ELECTRONICS INC. -----

의 대리인 전 성 미 ----- 은
본 공증인의 면전에서 위 본인이 ---
서명날인한 것임을 확인하였다.

appeared before me and admitted
said principal`s subscription to
the attached PATENT ASSIGNMENT

2018년 12월 06일
이 사무소에서 위 인증한다.

This is hereby attested on this
6th day of Dec. 2018 at this office.

공중
인가 동화법무법인

Dong Hwa Law Corporation
Seoul Central

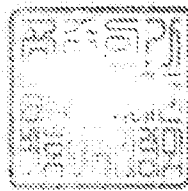
서울중앙지방법검찰청

District Prosecutor's Office

서울 서초구 강남대로 439

439, Gangnam-daero, Seocho-gu,
Seoul, Korea

김가람모



Kim ka ram moe

공증담당변호사

Signature of the Notary Public

김 가 램 모

KIM KA RAM MOE

본 사무소는 인가번호 제3790호에 의거하여
1987년 05월 01일 법무부 장관으로부터
공증인 업무를 행할 것을 인가 받았다.

This office has been authorized by the
Minister of Justice, the Republic of
Korea, to act as Notary Public Since
1, May. 1987 Under Law No.3790.