505907391 02/10/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5954108

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMSUNG ELECTRONICS CO., LTD.	10/05/2019

RECEIVING PARTY DATA

Name:	LONGITUDE FLASH MEMORY SOLUTIONS LIMITED	
Street Address:	BRACKEN ROAD, SANDYFORD	
Internal Address:	FIRST FLOOR, BLACKTHORN EXCHANGE	
City:	DUBLIN	
State/Country:	IRELAND	
Postal Code:	D18 P3Y9	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7363428

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 6138802091

Email:docketing@longitudelicensing.ieCorrespondent Name:LONGITUDE LICENSING LTDAddress Line 1:BRACKEN ROAD, SANDYFORD

Address Line 2: FIRST FLOOR, BLACKTHORN EXCHANGE

Address Line 4: DUBLIN, IRELAND D18 P3Y9

ATTORNEY DOCKET NUMBER:	SAM014US
NAME OF SUBMITTER:	RONAN O'BYRNE
SIGNATURE:	/Ronan O'Byrne/
DATE SIGNED:	02/10/2020

Total Attachments: 4

source=2019-05-10 - Assignment from Samsung to LFMS#page1.tif source=2019-05-10 - Assignment from Samsung to LFMS#page2.tif source=2019-05-10 - Assignment from Samsung to LFMS#page3.tif source=2019-05-10 - Assignment from Samsung to LFMS#page4.tif

PATENT 505907391 REEL: 051766 FRAME: 0751

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Samsung Electronics Co., Ltd., a corporation existing under the laws of the Republic of Korea with offices at 416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea ("Assignor"), hereby irrevocably assigns, transfers, and conveys to Longitude Flash Memory Solutions Limited ("LFMS"), a private company organized under the laws of the Republic of Ireland, having a place of business at 1st Floor, Blackthorn Exchange, Bracken Road, Sandyford, Dublin D18 P3Y9, Ireland ("Assignee"), all rights, title and interest that exist as of [DATE] and may exist in the future in and to any of the following (collectively, the "Patent Rights"):

- (a) the patent applications and patents listed in the attached Schedule A (collectively, the "Assigned Assets"), including all rights of priority;
- (b) all patents, divisionals, continuations, continuations-in-part, continued prosecution applications, requests for continuing examinations, reissues, reexaminations and extensions thereof and all pending applications therefor, and any other patent or patent application related to such patent or patent application by claim of direct or indirect priority or terminal disclaimer, and all pending applications therefor, and any patents resulting therefrom for all Assigned Assets in (a) above;
- (c) all foreign patents, foreign patent applications, and foreign counterparts relating to any item in any of the foregoing categories by claim of direct or indirect priority or terminal disclaimer (a) and (b), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (d) all items in any of the foregoing categories (a) through (c), whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (e) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (d), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (f) all claims and causes of action (whether known or unknown or whether currently pending, filed, or otherwise) for damages, injunctive relief, and any other remedies of any kind, accounting and information, and other secondary claims arising out of the past, current, and future infringement of the Assigned Assets and/or any item in any of the foregoing categories (b) through (e) by third parties which have accrued with Assignor or to which Assignor otherwise holds title; and
- (g) all rights to collect royalties and other payments under or on account of any of the Assigned Assets and/or any item in any of the foregoing categories (b) through (f).

COMPIDENTIAL

Assignor also 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 which may be granted upon any of the Assigned Assets in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignce in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights.

The terms and conditions of this assignment will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, Assignor has caused its duly authorized representative to execute this assignment.

Samsung Electronics Co., Ltd.

By: Dn Denk Song

Title: Senior VP

Date: May 1, 2019

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> PATENT **REEL: 051766 FRAME: 0753**

SCHEDULE A

PATENTS

Samsung Patents to IP Value

Pat. No.	US Family	Other Family
US9244119	~	KR2013-0024786
US7310140	~	KR0524194
US7242476	~	KR0494443
US9129998	*	KR1866201
US9324661	N.	KR2014-0038560
US7227372	<u>.</u>	KR0591757
US7956386	US8710673	KR0750943
US9122177	US8414708	KR1652825
US8003487	*	KR1396124
US7268089	~	KR0491396
US8080886	US7381508	JP4537124. KR0505690
US7312130	*	KR0572382
US7231620	es:	KR0546320
US7363428	¥	GB2403569, JP4826873, KR0959133
US7999590	u .	KR0833179

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PATENT REEL: 051766 FRAME: 0754

US7971088	* -	JP5231045, KR0837278
US9030826	w	KR1896348
US7949136	US8258809	KR1497456
US8154323	œ	KR1652824
US7961010	S .	KR1532753

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RECORDED: 02/10/2020

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