

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6175905

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SONY MOBILE COMMUNICATIONS INC.	02/05/2020
RECEIVING PARTY DATA	
Name:	SONY CORPORATION
Street Address:	1-7-1 KONAN, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	108-0075
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16958392
CORRESPONDENCE DATA	
Fax Number:	(216)592-5009
<i>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.</i>	
Phone:	2165925000
Email:	patents@tuckerellis.com
Correspondent Name:	TUCKER ELLIS, LLP
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Address Line 4:	CLEVELAND, OHIO 44113
ATTORNEY DOCKET NUMBER:	014333-039010
NAME OF SUBMITTER:	M. DAVID GALIN
SIGNATURE:	/M.David Galin/
DATE SIGNED:	06/29/2020
Total Attachments: 3	
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ASSIGNMENT OF RIGHTS

This document provides the assignment of rights related to the International applications listed in Table 1 below,

from:

Sony Mobile Communications Inc, a corporation organized and existing under the laws of Japan, with offices at 4-12-3 Higashi-Shinagawa, Shinagawa-Ku, Tokyo 140-0002, Japan

to:

Sony Corporation (hereinafter "Assignee"), a corporation organized and existing under the laws of Japan, with offices at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan.

Application No.	Attorney ref.
PCT/SE2018/050773	11367WO1
PCT/EP2018/076503	11377WO1
PCT/US2017/062969	11443WO1
PCT/SE2018/051282	11460WO1
PCT/EP2017/084565	11381WO1
PCT/SE2019/050019	11387WO1
PCT/SE2019/050068	11392WO1
PCT/SE2018/051256	11388WO1
PCT/SE2019/050070	11398WO1
PCT/SE2019/050055	11397WO1
PCT/SE2019/050013	11402WO1
PCT/SE2019/050297	11420WO1
PCT/EP2018/062167	11416WO1
PCT/SE2019/050399	11428WO1
PCT/SE2019/050373	11426WO1
PCT/SE2019/050720	11437WO1
PCT/SE2019/050558	11438WO1
PCT/SE2019/050719	11448WO1
PCT/SE2019/050718	11449WO1
PCT/SE2019/050830	11456WO1
PCT/SE2018/051359	11464WO1

Table 1.

(I) **WHEREAS** the undersigned Assignor has acquired right, title and interest in and to the inventions of the listed International applications.

(II) **WHEREAS** the undersigned Assignee is already co-applicant for some of the listed International applications.

(III) **WHEREAS** the undersigned Assignee, is desirous of acquiring the entire right, title and interest in and to said International patent applications and under any patent that may be obtained for the invention described therein, as more fully set forth hereinafter;

(IV) **NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN**, be it known that for valuable and legally sufficient consideration from the Assignee, the receipt of which the Assignor hereby acknowledges, the Assignor has assigned and transferred, and hereby does assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the inventions and the Applications, and all patents that may issue for the inventions, and all divisions, reissues, substitutions, continuations, continuations-in-part, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of Assignee, its successors and assigns for the full term, including any term extensions, of any and all of said patents that may issue, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made.

(V) **FURTHER**, be it known that the Assignor has assigned, and transferred, and hereby does assign, and transfer unto the Assignee, its successors and assigns: (1) the entire foreign rights to the inventions disclosed in the Applications, in all countries of the world, including the right to file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and of the European Patent Convention, and (2) the right to claim the benefit of priority from the Applications in all foreign countries in accordance with Paris Convention Article 4A(1) or as otherwise required by any national or international authority.

(VI) **FURTHER**, Assignor does hereby covenant and agree that: (1) they have full right to convey its entire right, title, and interest assigned herein; (2) they have not executed, and will not execute, any agreement(s) in conflict herewith; and (3) this assignment is binding on Assignor and Assignor's heirs, successors, assigns, and legal representatives.

(VII) **FURTHER**, Assignor does hereby covenant and agree that they will assist the Assignee in: (1) the prosecution of the Applications herein identified; (2) the making and/or prosecution of any other patent applications that the Assignee may elect to make covering the inventions herein identified, including any applications for reissue, reexamination, or foreign patent rights, (3) any proceeding relating to the inventions, including all applications and patents arising therefrom, in any patent office, including but not limited to interferences and derivation proceedings; and (4) all post-grant proceedings, both *ex parte* and *inter partes*, involving any patent arising from the Applications and all divisions, reissues, substitutions, continuations, continuations-in-part, and extensions thereof.

(VIII) **FURTHER**, Assignor does hereby covenant and agree to: (1) promptly execute and deliver to Assignee any and all patent applications, assignments, affidavits, and any other papers necessary to perfect patent rights assigned herewith; (2) promptly execute and deliver to Assignee any and all additional papers and to make all lawful oaths which may be requested by Assignee

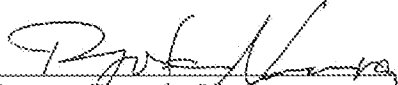
to fully carry out the terms of this assignment; (3) communicate to Assignee, or to its successors, assigns, and legal representatives, any facts known respecting said inventions; (4) at the expense of Assignee, testify in any legal proceedings related to the inventions; and (5) generally perform all affirmative acts necessary to aid Assignee, its successors, assigns, and nominees to obtain, maintain, and enforce patent protection for said inventions in all countries.

(IX) **FURTHER**, in the event that: (1) Assignor is unable to fulfill any of the obligations set forth hereinabove through incapacity or death; or (2) Assignee is unable, after reasonable efforts, to obtain Assignor's fulfillment of any of said obligations, Assignor does hereby agree that this Assignment shall be a valid Power of Attorney authorizing Assignee to take necessary actions on behalf of Assignor, or their estate in the event of Assignor's death, for fulfillment of said obligations.

This assignment executed on the dates indicated below.

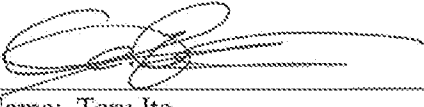
Sony Mobile Communications Inc (Assignor)

Date: 05/02/2020
[DD/MONTH/YYYY]

By: 
Name: Ryosuke Nomura
Title: Senior Manager Intellectual Property Sec.
As duly authorized officer

Sony Corporation (Assignee)

Date: 06/22/2020
[DD/MONTH/YYYY]

By: 
Name: Toru Ito
Title: Senior General Manager Intellectual Property Div.
As duly authorized officer