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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Martin LOVELL	03/22/2012	

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:	13423688

CORRESPONDENCE DATA

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via US Mail.

Correspondent Name: Oblon Spivak
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ATTORNEY DOCKET NUMBER: 395884US

NAME OF SUBMITTER: Heather M. Spencer

Total Attachments: 2

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PATENT REEL: 028193 FRAME: 0118 OP \$40.00 13423688

SBC Ref: I-10-092 DYC Ref: P042033US

Assignment of Application

INSERT NAMES AND RESIDENCE ADDRESS OP THE INVENTORS: WHEREAS, I (WE)
Martin Lovell
25 Ramsbury Drive
Earley
Reading
Berkshire
RGG-7KT
PLG 7KT M. L.

(Application No. $13/423$, 688	, filed_	March	<u> 19,</u>	2012), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

INSERT TITLE OF INVENTION:

(hereinafter referred to as "ASSIGNEE") having a place of business at: is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by those presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

PATENT REEL: 028193 FRAME: 0119 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, communion, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Parent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all forcign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	22nd March 2012	M. lovell	
		(Signature of Inventor) Name: Martin Lovell	
Date:			
		(Signature of laventar) Name:	
Date:			
		(Eignezze of Javentor) Name:	·
Detc:_			
		(Segmature of Inventor) Name:	
Date:			_
		((Signature of Inventor) Name:	
Date:			
_	- VIIV	(Signapure of Inventor) Name:	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 028193 FRAME: 0120

RECORDED: 05/11/2012