

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Toshihide Ueno	04/01/2011
RECEIVING PARTY DATA	
Name:	Sony Corporation
Street Address:	1-7-1 Konan, Minato-ku
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13120704
CORRESPONDENCE DATA	
Fax Number: (312)876-7934 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 3128768000 Email: patents@snrdenton.com Correspondent Name: SNR DENTON US LLP Address Line 1: P.O. BOX 061080 Address Line 4: CHICAGO, ILLINOIS 60606-1080	
ATTORNEY DOCKET NUMBER:	09792909-7819
NAME OF SUBMITTER:	David R. Metzger
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OP \$40.00 13120704

ASSIGNMENT

FOR a valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the undersigned whose mailing address(es) is/are:

TOSHIHIDE UENO; MASAO KINOSHITA; TAKANORI SHIMIZU

hereby sell(s), assign(s) and transfer(s) unto SONY CORPORATION, a corporation of Japan, having its principal office at 1-7-1, Konan, Minato-ku, Tokyo Japan, and NEC CORPORATION, a corporation of Japan, having its principal office at 7-1, Shiba 5-chome, Minato-ku, Tokyo Japan the whole right, title and interest in and to a certain invention or improvement in

“SEMICONDUCTOR DEVICE”

disclosed in an application for Letters Patent of the United States, prepared by the firm of SNR DENTON of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. _____, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

I/We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said Sony Corporation.

For the same consideration, I/we hereby agree that I/we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: April, 1, 2011

Toshihide Ueno
Toshihide Ueno

DATE: _____

Masao Kinoshita

DATE: _____

Takanori Shimizu