## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### CONVEYING PARTY DATA

Name	Execution Date
Masaki Suzuki	02/03/2011
Masashi Enomoto	02/04/2011
Hironori Yoshida	02/07/2011
Tsutomu Nagahama	02/09/2011
Toru Yatabe	02/09/2011
Masamitsu Kageyama	02/09/2011

#### RECEIVING PARTY DATA

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City:	Tokyo	
State/Country:	JAPAN	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13035501

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	3712174-02551
NAME OF SUBMITTER:	Thomas C. Basso

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PATENT REEL: 026133 FRAME: 0476

Attorney Docket No. 3712174-02551 SONY Ref. No.: S11P0384US00

### **ASSIGNMENT**

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in OPTICAL ELEMENT, WINDOW MATERIAL, FITTING, AND INSOLATION SHIELDING DEVICE

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, **SONY CORPORATION**, a Japanese corporation, with offices at 1-7-1 Konan, Minato-ku, Tokyo, Japan (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

the spaces that follow: Serial Number: 13/035,501	Filing Date: February 25, 2011
This assignment executed on the dates indicated below.	
MASAKI SUZUKI	
Name of first or sole inventor MIYAGI JAPAN	Execution date of U.S. Patent Application
Residence of First or sole inventor  Nasaki Suzuki  Signature of first or sole inventor	February 3, 20// Date of this assignment
MASASHI ENOMOTO	Date of this assignment
Name of second inventor TOKYO JAPAN	Execution date of U.S. Patent Application
Residence of second inventor  Masashi Commuto  Signature of second inventor	February 4, 2011 Date of this assignment
HIRONORI YOSHIDA	and of this dosignment
Name of third inventor MIYAGI JAPAN	Execution date of U.S. Patent Application
Residence of third inventor  Hironari Joshi da	February 7, 2011
Signature of third inventor	Date of this assignment

# ADDITIONAL INVENTOR(S)

TSUTOMU NAGAHAMA	
Name of fourth inventor MIYAGI JAPAN	Execution date of U.S. Patent Application
Residence of fourth inventor	
	February 9 2011
Signature of fourth inventor	Tebruary 9, 2011  Date of this assignment
organiture of fourth inventor	Date of this assignment
TORU YATABE	
Name of fifth inventor	Execution date of U.S. Patent Application
MIYAGI JAPAN	Execution date of 0.5. I atent Application
Residence of fifth inventor	
	Folianary 9 2011
Toru Yatah P Signature of fifth inventor	Tebruary 9. 2011  Date of this assignment
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MASAMITSU KAGEYAMA	
Name of sixth inventor	Execution date of U.S. Patent Application
MIYAGI JAPAN	
Residence of sixth inventor	
Masamitan Hageyama Signature of sixth inventor	Date of this assignment
Signature of sixth inventor	Date of this assignment
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Name of seventh inventor	Execution date of U.S. Patent Application
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Residence of eighth inventor	
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Signature of eighth inventor	Date of this assignment
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Name of ninth inventor	Execution date of U.S. Patent Application
Residence of ninth inventor	
Signature of ninth inventor	Date of this assignment

PATENT REEL: 026133 FRAME: 0478