

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kazufumi SUENAGA</td> <td>03/01/2012</td> </tr> <tr> <td>Kenji SHIBATA</td> <td>03/01/2012</td> </tr> <tr> <td>Kazutoshi WATANABE</td> <td>03/01/2012</td> </tr> <tr> <td>Akira NOMOTO</td> <td>03/01/2012</td> </tr> <tr> <td>Fumimasa HORIKIRI</td> <td>03/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kazufumi SUENAGA	03/01/2012	Kenji SHIBATA	03/01/2012	Kazutoshi WATANABE	03/01/2012	Akira NOMOTO	03/01/2012	Fumimasa HORIKIRI	03/05/2012
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Fumimasa HORIKIRI	03/05/2012												
RECEIVING PARTY DATA													
Name:	HITACHI CABLE, LTD.												
Street Address:	14-1 Sotokanda 4-chome												
Internal Address:	Chiyoda-ku												
City:	Tokyo												
State/Country:	JAPAN												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13532081</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13532081								
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Application Number:	13532081												
CORRESPONDENCE DATA													
Fax Number:	(305)830-2605												
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
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Address Line 4:	MIAMI, FLORIDA 33180												
ATTORNEY DOCKET NUMBER:	7070-X12-045												
NAME OF SUBMITTER:	Paul D. Bianco												
Total Attachments: 3 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif													

OP \$40.00 13532081

PATENT

Attorney Docket No.

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**HITACHI CABLE, LTD.**  
14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo Japan

(hereinafter ASSIGNEE) all right; title and interest for the United States, territories and possessions, in and to his invention relating to:

**PIEZOELECTRIC FILM AND METHOD FOR MANUFACTURING THE SAME,  
PIEZOELECTRIC FILM ELEMENT AND METHOD FOR MANUFACTURING THE  
SAME, AND PIEZOELECTRIC FILM DEVICE**

as set forth in his United States Patent Application (check one)

is attached hereto.

was filed on June 25, 2012  
under Attorney's Docket Number 7070-X12-045  
as Application Serial No. 13/532,081

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States, which may issue on any such application or for said invention, including any and all reissues or extensions thereof, together with the right to file applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

AND EACH OF THE UNDERSIGNED HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to

issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND EACH OF THE UNDERSIGNED HEREBY covenants and agrees that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

AND EACH OF THE UNDERSIGNED HEREBY further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to him respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Each of the undersigned hereby grants to the firm of **FLEIT GIBBONS GUTMAN BONGINI & BIANCO P.L.** the power to insert into this Assignment any further identification, which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark office, or any regulatory office in any country of the world, for recordation of this Assignment.

**INVENTOR (1): SUENAGA Kazufumi**

CITIZENSHIP: Japanese

RESIDENCE: Tsuchiura-shi, Japan

POST OFFICE ADDRESS: C/O HITACHI CABLE, LTD.  
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INVENTOR'S SIGNATURE: Kazufumi Suenaga DATE: Mar. 1, 2012

**INVENTOR (2): SHIBATA Kenji**

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INVENTOR'S SIGNATURE: Kenji Shibata DATE: Mar. 1, 2012

**INVENTOR (3): WATANABE Kazutoshi**

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RESIDENCE: Tsuchiura-shi, Japan

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INVENTOR'S SIGNATURE: Kagutoshi Watanabe DATE: Mar. 1, 2012

**INVENTOR (4): NOMOTO Akira**

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INVENTOR'S SIGNATURE: akira nomoto DATE: Mar. 1, 2012

**INVENTOR (5): HORIKIRI Fumimasa**

CITIZENSHIP: Japanese

RESIDENCE: Nagareyama-shi, Japan

POST OFFICE ADDRESS: C/O HITACHI CABLE, LTD.  
14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo Japan

INVENTOR'S SIGNATURE: Fumimasa Horikiri DATE: Mar. 5, 2012

Note: If signed abroad, prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul. If signed domestically, do so before a Notary Public. Otherwise the execution by the inventors should be witnessed by at least two witnesses who sign here:

WITNESSES:

Signature:

Date:

Signature:

Date: