

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Noriyuki TATSUMI	05/06/2011
Tatsuya TONOGI	05/06/2011
RECEIVING PARTY DATA	
Name:	HITACHI CABLE, LTD.
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State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13176786
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ATTORNEY DOCKET NUMBER:	7070-X11-037
NAME OF SUBMITTER:	Paul D. Bianco
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

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PATENT

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REEL: 026633 FRAME: 0441

PATENT

Attorney Docket: 7070-X11-037

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Noriyuki TATSUMI et al.

Confirmation No.: 5197

Appln. No.: 13/176,786

Filed: July 6, 2011

For: SILICON DEVICE STRUCTURE, AND SPUTTERING TARGET USED FOR FORMING THE SAME

SUBMISSION OF ASSIGNMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

The attached Assignment was executed by the inventors for the above-identified application.

Respectfully submitted,

/Paul D. Bianco/

Paul D. Bianco, Reg. # 43,500

Enclosure(s)

Paul D. Bianco
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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:

SILICON DEVICE STRUCTURE, AND SPUTTERING TARGET USED FOR FORMING THE SAME

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

 x is attached hereto.

 was filed on
under Attorney's Docket Number
as Application Serial No.

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): **TATSUMI Noriyuki**

CITIZENSHIP: Japanese

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INVENTOR'S SIGNATURE: Noriyuki Tatsumi DATE: May. 6, 2011

INVENTOR (2): **TONOGI Tatsuya**

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INVENTOR'S SIGNATURE: Tatsuya Tonogi DATE: May. 6, 2011

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: