

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOSHIO TAKIZAWA	08/12/2009
KRAISORN PHANDON	08/04/2009
KENICHI NISHIMORI	08/12/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HOYA CORPORATION
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<b>City:</b>	SHINJUKU-KU, TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	160-8347
<b>Name:</b>	HOYA GLASS DISK (THAILAND) LTD.
<b>Street Address:</b>	60/26, MOO 4, TAMBOL BANKLANG
<b>City:</b>	AMPHUR MUANG, LAMPHUN
<b>State/Country:</b>	THAILAND
<b>Postal Code:</b>	51000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15611243
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)293-0445
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<b>ATTORNEY DOCKET NUMBER:</b>	06P21016US04
<b>NAME OF SUBMITTER:</b>	NOMUGI TOMOYORI

<b>SIGNATURE:</b>	/Nomugi Tomoyori/
<b>DATE SIGNED:</b>	10/16/2018
<b>Total Attachments: 1</b> source=US12527818-Assignment#page1.tif	

## Assignment

Whereas, I/We, TOSHIO TAKIZAWA of Tokyo, Japan, KRAISORN PHANDON of Amphur Muang, Lamphun, Thailand and KENICHI NISHIMORI of Tokyo, Japan hereinafter called assignor(s), have invented certain improvements in  
MAGNETIC DISK SUBSTRATE, MAGNETIC DISK, AND MAGNETIC DISK DEVICE

(PCT International Application No. PCT/JP2008/052710 filed on February 19, 2008)

and executed an application for Letters Patent of the United States of America therefor on Aug. 4, 2009 and Aug. 12, 2009; and

Whereas, HOYA CORPORATION,  
7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo, Japan; and  
HOYA GLASS DISK (THAILAND) LTD.,  
60/26, Moo 4, Tambol Banklang, Amphur Muang, Lamphun 51000 Thailand  
(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

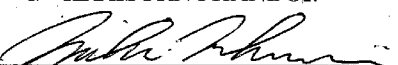
Date: August 12, 2009

  
s/ TOSHIO TAKIZAWA

Date: August 4, 2009

  
s/ KRAISORN PHANDON

Date: August 12, 2009

  
s/ KENICHI NISHIMORI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)