

PATENT ASSIGNMENT COVER SHEET

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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>TOMOHIKO TOYOSATO</td> <td>01/07/2014</td> </tr> <tr> <td>MIHOKO NAKAMURA</td> <td>01/20/2014</td> </tr> <tr> <td>KAZUHIRO KIMURA</td> <td>01/07/2014</td> </tr> <tr> <td>MASAYOSHI IKEDA</td> <td>01/07/2014</td> </tr> </tbody> </table>		Name	Execution Date	TOMOHIKO TOYOSATO	01/07/2014	MIHOKO NAKAMURA	01/20/2014	KAZUHIRO KIMURA	01/07/2014	MASAYOSHI IKEDA	01/07/2014
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<table border="1"> <tr> <td>Name:</td> <td>CANON ANELVA CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>5-1, KURIGI 2-CHOME, ASAO-KU</td> </tr> <tr> <td>City:</td> <td>KAWASAKI-SHI</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>215-8550</td> </tr> </table>		Name:	CANON ANELVA CORPORATION	Street Address:	5-1, KURIGI 2-CHOME, ASAO-KU	City:	KAWASAKI-SHI	State/Country:	JAPAN	Postal Code:	215-8550
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CORRESPONDENCE DATA											
<p>Fax Number: (212)218-2200</p> <p>Phone: 212 218-2100</p> <p>Email: jpieroni@fchs.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: FITZPATRICK, CELLA, HARPER & SCINTO</p> <p>Address Line 1: 1290 AVENUE OF THE AMERICAS</p> <p>Address Line 4: NEW YORK, NEW YORK 10104</p>											
ATTORNEY DOCKET NUMBER:	03507.003800.										
NAME OF SUBMITTER:	JOSEPH P. PIERONI										
Signature:	/JOSEPH P. PIERONI/										

Date:

01/30/2014

Total Attachments: 2

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03507.003800.

**ASSIGNMENT RE NONPROVISIONAL APPLICATION
FOR THE UNITED STATES**

FOR VALUE RECEIVED, WE (1) Tomohiko TOYOSATO; (2) Mihoko NAKAMURA; (3) Kazuhiro KIMURA; and (4) Masayoshi IKEDA,

citizens of (1) Japan; (2) Japan; (3) Japan; and (4) Japan,

residing, respectively, at:

hereby sell, assign, transfer and convey unto CANON ANELVA CORPORATION,

an organization of Kawasaki-shi, Japan

having a place of business at 5-1, Kurigi 2-chome, Asao-ku, Kawasaki-shi, Kanagawa, 215-8550 Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

METHOD FOR MANUFACTURING MAGNETORESISTANCE EFFECT ELEMENT

and described in an application for Letters Patent of the United States (filed on December 23, 2013 under U.S. Application No. 14/128,722), and in PCT International Application No. PCT/JP2012/065562, filed June 19, 2012, and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

IN TESTIMONY WHEREOF, I hereunto set my hand:

Name	Signature	Date
<u>Tomohiko TOYOSATO</u>	<u>Tomohiko Toyosato</u>	<u>January 7, 2014</u>
<u>Mihoko NAKAMURA</u>		
<u>Kazuhiro KIMURA</u>	<u>Kazuhiro Kimura</u>	<u>January 7, 2014</u>
<u>Masayoshi IKEDA</u>	<u>Masayoshi Ikeda</u>	<u>January 7, 2014</u>

1 of 1

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PATENT

REEL: 032091 FRAME: 0653

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Name	Signature	Date
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<u>Mihoko NAKAMURA</u>	<u>Mihoko Nakamura</u>	<u>January 20, 2014</u>
<u>Kazuhiro KIMURA</u>	_____	_____
<u>Masayoshi IKEDA</u>	_____	_____