

<b>PATENT ASSIGNMENT COVER SHEET</b>
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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>
KONICA MINOLTA, INC.	12/21/2015
SHARP KABUSHIKI KAISHA	12/21/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7337987
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<b>DATE SIGNED:</b>	12/29/2015
<b>Total Attachments: 1</b>	
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ASSIGNMENT

WHEREAS, We, **Konica Minolta, Inc., of 2-7-2, Marunouchi, Chiyoda-ku, Tokyo 100-7015 JAPAN** and **Sharp Kabushiki Kaisha of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 JAPAN**, corporations organized and existing under the laws of JAPAN, ("Assignors"), are the owners of the entire right, title and interest in the following patent application:

**U.S. Patent Serial No. 7,337,987 issued on March 4, 2008 ("Patent")**

WHEREAS, **National Institute of Advanced Industrial Science and Technology**, a corporation organized and existing under the laws of JAPAN, having a place of business at **3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921, JAPAN** ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the Patent and the invention therein disclosed;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby assign, sell, transfer and set over unto Assignee all of its right, title and interest in and to the Patent, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of the Patent.

In WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its duly authorized officer this 21 day of December, 2015.

By: **Konica Minolta, Inc.**

Name:

Kenichi Sanada  
Kenichi Sanada

Title: Executive Officer

By: **Sharp Kabushiki Kaisha**

Name:

Kiyoshi Yonetsu  
Kiyoshi YONETSU

Title: Vice President,

Head of Intellectual Property Unit  
Corporate R&D Division