

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Masahiro MASUZAWA	05/11/2009
Masaru OHGAKI	05/11/2009
RECEIVING PARTY DATA	
Name:	RICOH COMPANY, LTD.
Street Address:	3-6, Nakamagome 1-chome, Ohta-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	143-8555
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12518981
CORRESPONDENCE DATA	
Fax Number:	(703)413-2220
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(703) 413-3000
Email:	ajoya@oblon.com
Correspondent Name:	Oblon, Spivak, et al.
Address Line 1:	1940 Duke Street
Address Line 4:	Alexandria, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	343324US
NAME OF SUBMITTER:	Abdul Joya
Total Attachments: 2 source=343324USAssignment#page1.tif source=343324USAssignment#page2.tif	

OP \$40.00 12518981

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PATENT
REEL: 022849 FRAME: 0038

Assignment of Application

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WHEREAS, I (WE) Masahiro MASUZAWA of Chiba-shi, Chiba, Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

Masaru OHGAKI of Yokohama-shi, Kanagawa, Japan

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: HOLLOW STRUCTURE FORMING SUBSTRATE,
METHOD OF PRODUCING HOLLOW STRUCTURE FORMING SUBSTRATE, AND METHOD OF
PRODUCING HOLLOW STRUCTURE USING HOLLOW STRUCTURE FORMING SUBSTRATE

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on _____

(Application No. PCT/JP2008/050560, filed January 10, 2008), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, RICOH COMPANY, LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 3-6, Nakamagome 1-chome,
Ohta-ku, Tokyo 143-8555, Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: May 11, 2009

Masahiro Masuzawa

(Signature of Inventor)

Masahiro MASUZAWA

Date: May 11, 2009

Masaru Ohgaki

(Signature of Inventor)

Masaru OHGAKI

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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