

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
mitsubishi heavy industries, ltd.	08/05/2010

**RECEIVING PARTY DATA**

Name:	mitsubishi heavy industries printings & packaging machinery, ltd.
Street Address:	1-1, itosaki minami 1 -HOME
Internal Address:	MIHARA
City:	HIROSHIMA
State/Country:	JAPAN
Postal Code:	729-0393

**PROPERTY NUMBERS Total: 13**

Property Type	Number
Application Number:	11668802
Application Number:	12162765
Application Number:	12160539
Application Number:	12297220
Application Number:	11923087
Application Number:	11782427
Application Number:	12445964
Application Number:	12038640
Application Number:	12120580
Application Number:	12679838
Application Number:	12670286
Application Number:	12674391
Application Number:	12810204

**CORRESPONDENCE DATA**

**501275619**

**PATENT  
 REEL: 024903 FRAME: 0688**

**OP \$520.00 11668802**

Fax Number: (703)518-5499  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 7036841111  
Email: bjhgroup@ipfirm.com  
Correspondent Name: Lowe Hauptman Ham & Berner  
Address Line 1: 1700 Diagonal Road  
Address Line 2: Suite 300  
Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	4554-SAKAI
-------------------------	------------

NAME OF SUBMITTER:	Benjamin J. Hauptman
--------------------	----------------------

Total Attachments: 2 source=13_US_Assignments#page1.tif source=13_US_Assignments#page2.tif
--

ASSIGNMENT

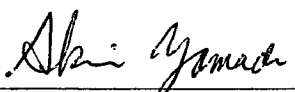
WHEREAS, MITSUBISHI HEAVY INDUSTRIES, LTD., whose post office address is 16-5, Konan 2-Chome, Minato-ku, Tokyo 108-8215 Japan (hereinafter referred to as ASSIGNOR), is the assignee of U.S. Patent Applications identified in attached Exhibit A, (hereinafter referred to as the INVENTION); by virtue of an assignment from the inventor dated \_\_\_\_\_, and recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_ (referred to as Exhibit A) and

WHEREAS, MITSUBISHI HEAVY INDUSTRIES PRINTING & PACKAGING MACHINERY, LTD., whose post office address is 1-1, Itosaki Minami 1-Chome, Mihara, Hiroshima 729-0393 Japan (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including the right to sue for past infringement, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and any other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor's certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such United States Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Signature:  Date: August 5, 2010

Akira YAMADA, General Manager of Intellectual Property Department

Title

# Exhibit A

Application No.	Assignment Recorded	Reel No.	Frame No.
11/668,802	2007/4/23	019195	0214
12/162,765	2008/7/30	021318	0368
12/160,539	2008/7/10	021221	0766
12/297,220	2008/10/15	021682	0629
11/923,087	2008/2/27	020570	0866
11/782,427	2007/7/24	019604	0507
12/445,964	2009/4/17	022558	0833
12/038,640	2008/2/27	020572	0072
12/120,580	2008/5/14	020947	0423
12/679,838	2010/3/24	024132	0146
12/670,286	2010/1/22	023835	0100
12/674,391	2010/2/19	023965	0577
12/810,204	2010/6/23	024581	0489