

PATENT ASSIGNMENT

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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>Hitomi MOTANI</td> <td>11/27/2012</td> </tr> <tr> <td>Tomoko MINE</td> <td>11/28/2012</td> </tr> <tr> <td>Tomomi OSHIBA</td> <td>11/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hitomi MOTANI	11/27/2012	Tomoko MINE	11/28/2012	Tomomi OSHIBA	11/27/2012		
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<table border="1"> <tr> <td>Name:</td> <td>KONICA MINOLTA BUSINESS TECHNOLOGIES, INC.</td> </tr> <tr> <td>Street Address:</td> <td>2-7-2 Marunouchi</td> </tr> <tr> <td>Internal Address:</td> <td>Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo, 100-7014</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	KONICA MINOLTA BUSINESS TECHNOLOGIES, INC.	Street Address:	2-7-2 Marunouchi	Internal Address:	Chiyoda-ku	City:	Tokyo, 100-7014	State/Country:	JAPAN
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CORRESPONDENCE DATA											
Fax Number: 2126618002 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 2126618000 Email: info@lmiplaw.com Correspondent Name: LUCAS & MERCANTI, LLP Address Line 1: 475 PARK AVENUE SOUTH Address Line 2: 15TH FLOOR Address Line 4: NEW YORK, NEW YORK 10016											
ATTORNEY DOCKET NUMBER:	HAT-08										
NAME OF SUBMITTER:	Donald C. Lucas										
Total Attachments: 1 source=HAT-08-Executed_Assignment#page1.tif											

OP \$40.00 13727980

PATENT

Our ref.:
Client's ref.:

ASSIGNMENT

In Consideration of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned by the Assignee,

KONICA MINOLTA BUSINESS TECHNOLOGIES, INC., a corporation organized under the laws of Japan receipt whereof is hereby acknowledged, the undersigned by these presents hereby sold, assigned, transferred and set over unto the said assignee the entire right, title and interest in and to the invention or improvement in

said invention being fully described and/or claimed in the application for Letters Patent of the United States of America 1) executed on or before this date, or 2) Serial No. _____ filed _____ in and for the United States and all foreign countries, the same to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And Said Assignee is Hereby Authorized to make application for and to receive Letters Patent for said invention in any of said countries at its election.

And By This Covenant The Undersigned will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention; or any Letters Patent which may be granted therefor in said Assignee, its successors, assigns or other legal representatives, and., upon the request and at the expense of said assignee, will execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein., without further compensation, but at the expense of said assignee, its successors, assigns or other legal representatives.

And The Commissioner of Patents and Trademarks is Hereby Authorized and Requested to issue any and all Letters Patent of the United States for said invention to said assignee.

Dated: November 27, 2012 Hitomi Motani L.S.
Hitomi MOTANI

Dated: November 28, 2012 Tomoko Nime L.S.
Tomoko NIME

Dated: November 27, 2012 Tomomi Oshiba L.S.
Tomomi OSHIBA