ind -16	U.S. PTO	
Client/Matter No. 13096-47 10 - 27		
RI R SHEET 10/14/2008		
To the Director of the U.S. Patent and Trace	2048 Jocuments or the new address(es) below:	
1. Name of conveying Party(ies)/Execution Date(s):	2. Name and Address of receiving Party(ies):	
Atsuto HIRAI / September 10, 2008	Name: KONICA MINOLTA BUSINESS, INC.	
Execution Date(s): See above.		
Additional name(s) of conveying party(ies) attached?	Address: 1-6-1, Marunouchi	
3. Nature of Conveyance:	Chiyoda-ku,	
Assignment	City: Tokyo 100-0005	
	Country: JAPAN	
	Additional name(s) and addresses attached? ☐ Yes ☒ No	
4. Application or patent number(s).   A. Patent Application No.(s)	nent is being filed together with a new application.  B. Patent No.(s)	
5. Name and address of party to whom	6. Total number of applications and patents involved: 1	
correspondence concerning document should be mailed:	o. Total number of applications and patents involved. 1	
BRINKS HOFER GILSON & LIONE P.O. BOX 10395	7. <b>Total fee</b> (37 CFR 1.21(h) & 3.41) \$ 40.00	
CHICAGO, IL 60610 (312) 321-4200	Authorized to be charged by credit card.  Authorized to be charged to Deposit Account No. 23-	
(312) 321-4299 Fax	1925.     Enclosed	
	None required (government interest not affecting title)	
	8. Payment Information:	
	a.	
	b. Charge fee and/or any Deficiencies to Deposit Account Number: 23-1925 Authorized User Name: Brinks Hofer Gilson & Lione	
9. Signature: Signature	October 14, 2008 Date	
	Total number of pages including cover	
Andrew D. Stover, Reg. No. 38,629	sheet, attachments, and documents: 3	
NAME OF PERSON SIGNING	18/24/2008 DBYRNE 00000028 231925 12287846	
	1207010	
	01 FC:8021 40.00 DA	

PATENT REEL: 021745 FRAME: 0822

## **ASSIGNMENT**

WHEREAS, Atsuto HIRAI, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled "LIQUID DEVELOPING APPARATUS AND IMAGE FORMING APPARATUS," executed by Assignors on the same date as this Assignment;

WHEREAS, Konica Minolta Business Technologies, Inc. a corporation organized and existing under the laws of Japan, having a place of business at 1-6-1, Marunouchi, Chiyoda-ku, Tokyo, 100-0005, Japan, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States, its territories and possessions, in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals, extensions or reissues of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive

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PATENT REEL: 021745 FRAME: 0823 use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: Sep. 10, 2008	Strute None Atsuto HIRAI	
WITNESSED:		
DATE:		
	· .	
DATE:		<b></b>

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**RECORDED: 10/14/2008** 

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