PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
Tomo TSUBOI	07/12/2010
Tomoyuki OKAMOTO	07/12/2010
Yasuji TAKEUCHI	07/12/2010
Nobuo KAMEI	07/14/2010
Yoshiaki SHIBUTA	07/12/2010

RECEIVING PARTY DATA

Name:	KONICA MINOLTA BUSINESS TECHNOLOGIES, INC.	
Street Address:	1-6-1 Marunouchi	
City:	Chiyoda-ku, Tokyo	
State/Country:	JAPAN	
Postal Code:	100-0005	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12844038

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	0075956-000011
NAME OF SUBMITTER:	William C. Rowland

PATENT REEL: 024745 FRAME: 0640 OP \$40 00 1284403

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Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif

> PATENT REEL: 024745 FRAME: 0641

ASSIGNMENT

(JOINT)

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and <u>Yasuji</u>	TAKEU	CHI_	and <u>Not</u>	<u>ouo KAMEI</u>	a	ınd <u>Yoshiaki SH</u>	IIBUTA,
residing at <u>Ita</u>	<u>ami-shi,</u>	, Hyog	and <u>Nok</u> jo-ken, Japan -shi, Hyogo-ken, c	and	Suita-s	<u>hi, Osaka, Japan</u>	and
Higashin:	<u>ada-ku,</u>	<u>Kobe</u>	<u>-shi, Hyogo-ken, c</u>	<u>lapan</u> ai	nd <u>Jyot</u>	<u>o-ku, Osaka-shi, C</u>)saka, Japan
and <u>Ama</u>	<u>gasakı-</u>	<u>-snı, H</u>	yogo-ken, Japan_		(hereina	after referred to as	"the Assignors"
respectively, v	vitnesse	eth:				•	
					•		
			signors have inve				
			<u>evice, E-mail Tran</u>				<u>ole Medium</u>
set forth in an	applica	ition fo	or Letters Patent o	f the United	States, wh	ich is a	
		_					
(1)		provis	ional application				
	(a)	П	bearing Application	n No		and filed on	
	` ,	_			· · · · · · · · · · · · · · · · · · ·	and med on	
	(b)		to be filed herewit	:h; or			
(2)	⊠ ı	non-pi	ovisional applicati	on			
	(a)		bearing Application	n No.		and filed on	:
	(b)		having an oath or		executed of	on even date here	with prior to
			filing of application	1;			
	(c) [having an oath or	declaration	executed of	on a different date	than this
			Assignment; and				
			•				
WHEF	REAS, _	Konic	a Minolta Busines	s Technolo	gies, Inc.		, a corporation
duly organized	under	and p	ursuant to the law	s of J	apan	and having a r	principal place of
business at	1-6-1	Marur	nouchi, Chiyoda-ki	u, Tokyo, Je	pan	(hereinafter re	ferred to as "the
WHEREAS, Konica Minolta Business Technologies, Inc., a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 1-6-1 Marunouchi, Chiyoda-ku, Tokyo, Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the							
right to file app	lication	is on s	aid inventions and	the entire	right, title a	nd interest in and	to anv
right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other							
countries claiming priority to said application, and in and to any Letters Patent or Patents. United							
States or foreign, to be obtained therefor and thereon.							
	='						
NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby							
acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents							
do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and							
assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file							
applications on said inventions and the entire right, title and interest in and to any applications for							

do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the

Buchanan Ingersoll & Rooney PC
Attorneys & Government Relations Professionals

THIS ASSIGNMENT by

(7/06) Page 1 of 2

Application No.	
Attorney Docket No.	0075956-000011

Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns:

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE_ Jul . 12 , 2010	Jona Tsylvi
	Tomo TSUBOI
DATE Jul. 12, 2010	Tomozuki Okamoto
	, Tomoyuki OKAMOTO
DATE July 12, 2010	Yasuji TAKEUCHI
	Yafsuji TAKEUCHI
DATE July 14. 2010	Nobuo Kamei
	Nobuo KAMEI
DATE July, 12, 2010	Yoshiaki Shipata
	Yoshiaki SHIBUTA

RECORDED: 07/27/2010