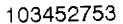
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Attorney's Docket No. 1018912-000178

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

IMA	GE PROCES	SING SYSTEM, IMAGE PRO	CESSIN	G AI	PPARATI	IS AND PROGRAM		
1.		veying party(ies):		<u> </u>				
	1. Takahiro IKEDA							
	2. Tomonari YOSHIMURA							
	3. Masakazu MURAKAMI							
	4. Mitsuzo IV							
	5. Okihisa YO	OSHIDA						
2.	Name and ad	dress of receiving party(ies):						
	Konica Mino	lta Business Technologies, Inc.,						
		ouchi, Chiyoda-ku						
	Tokyo 100-00	005 Japan						
3.		onveyance/Execution Date(s):						
	Execution Da	te(s): 1. September 23, 2007; 2.	Septembe	er 13,	, 2007; 3. S	September 19, 2007; 4. September		
	13, 2007 and	5. September 19, 2007						
						der 9424 Confirmatory License		
		y Agreement			erger			
		esearch Agreement		Ch	nange of Na	ame		
		ment Interest Agreement						
	Other:							
4.	Application of	or patent number(s):						
		Application No.(s)	]	В.	Patent No.	(s)		
						• •		
	This do	cument is being filed together w	ith a new	appli	cation.			
5.	Name and ad	ldress to whom correspondenc	e concern	ing (	document	should be mailed:		
	Name:	William C. Rowland		_				
	Address:	Buchanan Ingersoll & Room	ey PC					
		Customer Number 2 1 8 3 9						
		P.O. Box 1404						
		Alexandria, Virginia 22313-	1404					
6.	Total numbe	r of applications and patents in	nvolved:	1				
7.	Total fee (37	CFR 1.21(h) & 3.41) \$ 40	⊠ Aı	ıthori:	zed to be ch	arged by credit card. PTO Form 2038		
• •	_ 0001 100 (07	011(1) 20 3. 11) 0 40	att	ached	l.	-		
			Aι	ıthori	zed to be ch	arged to deposit account 02-4800		
			En En	close	d.			
			☐ No	ne re	quired (gov	t interest not affecting title)		
8.		OLM ODDA						
	Signature:	Eliliam Chowand			0,888	October 2, 2007		
		Signature		Reg	. No.	Date		
		William C. Rowland			. 48/82/00	AdinGZEUBLELeOGRABBShts11nBBS64hents:		
		Name of Person Signing	To	otal frum		1. \ 1		
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 019968 FRAME: 0158

## **ASSIGNMENT**

(JOINT)

				NT, by <u>Taka</u>							
<b>Mitsuze</b>	WAKI	and	<b>Okihis</b>	a YOSHIDA	residing at	Tono	labavash	i-shi.	Osaka_	Japan	
Kyot	o-shi.	Kvc	oto.	Japan		$\overline{}$	[tami_sh				
Osak	a-shi.	Osa	ka.	Japan		and	Amagasa	kì-shi	Hyogo	-ken. J	apan
(herein	after ref	erred	to as	"the Assigno	rs"), respect	tively.	witnesset	h:			
`					,,				,		
	WHER	EAS,	the A	ssignors hav	e invented c	ertair	new and	useful in	proveme	ents in	
IMAGE	PROCE	SSIN	IG SYS	STEM, IMAG	E PROCESS	ING	APPARAT	JS AND	PROGRA	M	
set fortl	n in an a	pplic	ation f	or Letters Pa	itent of the U	Jnited	States, w	hich is a			
	(1)		provis	sional applica	ation						
		(a)		bearing Ap	plication No.			, and file	d on		;
		<b>(b)</b>		to be filed h	erewith; or						
	(2)	X	non-p	rovisional ap	plication						
		(a)		bearing App	olication No.			, and file	d on		_;
		(b)	X	having an o	ath or declar	ration	executed	on even	date her	ewith price	or to
		(c)		having an o	ath or declar ; and	ration	executed	on a diff	erent dat	e than thi	is

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 100-0005 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 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 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

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Application	No.		
<b>Attorney Docket</b>	No.		

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 Ingersoil & 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 Sep. 23, 2007	Takahino alkeda.
,	Takahiro IKEDA
DATE 5/29. 13, 2007	Formani goshimura. Tomonari YOSHIMURA
	Tomonari YOSHIMURA
DATE Sor, 19, 2007	Masakazu Murakami Masakazu MURAKAMI
	Masakazu MURAKAMI
DATE Sep. 13, 2007	Mitsuzo Naskei
	Mitsuzo IWAKI
DATE Sep. 19. 2007	Okihisa Yoshida Okihisa YOSHIDA
	Okihisa YOSHIDA

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