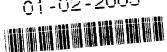
01-02-2003

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

SHEET



Attorney's Docket No. 011350-300 102326305 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Yoshinori TANAKA Name: Minolta Co., Ltd. Tsutomu YAMAZAKI Masahiro OZAWA 12-9-02 Address: Osaka Kokusai Bldg., 3-13 Yoko FUJIWARA 2-Chome, Azuchi-Machi, Chuo-Ku Additional name(s) of conveying party(ies) attached? [] Yes [X] No Osaka-Shi, Osaka 541-8556 3. Nature of conveyance: <u>Japan</u> [X] Assignment Merger [] Security Agreement Change of Name Additional name(s) & address(es) attached? [] Yes [X] No Other: __ Execution Date: Dec. 5, 2002, Dec. 9, 2002, Dec. 10, 2002, and Dec. 10, 2002, respectively 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Dec. 5, 2002, Dec. 9, 2002, Dec. 10, 2002 and Dec. 10, 2002, respectively. 10, 322 700 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 document should be mailed: Name: Platon N. Mandros 7. Total fee (37 CFR § 3.41): \$ 40.00 Address: Burns, Doane, Swecker & Mathis, L.L.P. [X] Enclosed P.O. Box 1404 [X] Authorized to be charged to deposit account, if necessary Alexandria, Virginia 22313-1404 8. Deposit account number: 02-4800 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and and any attached copy is a true copy of the original document. Platon N. Mandros, Reg. No. 22,12 December 19, 2002

Mail documents to be recorded with required cover sheet information to:

12/20/2002 HDEMESS1 00000049 10322700

Name of Person Signing

b1 FC:8021

Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

> PATENT (10/02)REEL: 013609 FRAME: 0819

Total number of pages including cover sheet, attachments, and document: 3

Date

01	1350-300	
At	torney's Docket No.	

ASSIGNMENT (JOINT)

	THIS ASSIGNMENT, by Yoshinoi	i TANAKA, Tsutomu YAMAZAKI,	Masahiro OZAWA
and Yoko F	UJIWARA residing at Shibwa-Ki		
Machida-S	hi, Tokyo, Japan and Setagaya-Ku, Tokyo	Japan (hereinafter referred to a	as "the Assignors").
	y, witnesseth:	,	,
	WHEREAS, the Assignors have inv	ented certain new and useful impro	ovements in
IMAGE PR	OCESSING DEVICE, IMAGE PRO		
IMAGE PF	ROCESSING, AND COMPUTER RE	ADABLE RECORDING MEDIUM	ON WHICH THE
PROGRAM	<u>/I IS STORED</u> set forth in an applicat	ion for Letters Patent of the United	States,
(1)	☐ which is a provisional applicatio	n	
	(a) 🔲 to be filed herewith; or		
	(b) Dearing Application No	, and filed on	; or
(2)	which is a non-provisional appl	cation	
	(a) X having an oath or declarating application;	on executed on even date herewi	th prior to filing of
	(h) hearing Application No.	and filed on	· or

WHEREAS, MINOLTA CO., LTD., a corporation duly organized under and pursuant to the laws of Japan and having its principal place of business at Osaka Kokusai Bldg., 3-13, 2-Chome, Azuchi-Machi, Chuo-Ku, Osaka-Shi, Osaka 541-8556 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.

(c) to be filed; and

NOW, THEREFORE, in consideration of the One Dollar (\$1.00) and other 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 behalf and the use and behalf 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;

1

PATENT REEL: 013609 FRAME: 0820

Application Serial No.	
Attorney's Docket No.	011350-300

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 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 BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney 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 behalf of the Assignee, its successors, legal representatives and assigns.

Date:	Dec. 5, 2002	Signature of A ssignor _	Yoshinori Tanaka
			Yoshinori TANAKA
Date: <u>Pec 9, 2002</u>	Signature of Assignor	Trutomu Jamajak	
			Tsutomu YAMAZAKI
Date:	Dec. 10, 2002	Signature of Assignor _	masahiro Ozawa
			Masahiro OZAWA
Date:	Dec. 10. 2002	_ Signature of Assignor _	yoko Fujiwara
			Yoko FUJIWARA

2

RECORDED: 12/19/2002

PATENT REEL: 013609 FRAME: 0821