Atty Docket No.:

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FORM PTO-1595

102358132

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2-3-03 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Kiichiro NISHINA RICOH COMPANY, LTD. Address: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, JAPAN Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: November 29, 2002 Additional name(s) and address(es) attached?

Yes No 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: B. Patent No.(s) A. Patent Application No.(s) 10/283,214 Additional numbers attached? ☐ Yes 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: Robert T. Pous Registration No. 29,099 7. Total fee (37 CFR 3.41): \$40.00 Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 Tel. (703) 413-3000 (Attach duplicate copy of this page if paying by deposit account) Fax. (703) 413-2220 DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. C. Irvin McCrelland Name of Person Signing Signature Registration Number: 21,124 Total number of pages including this cover sheet: 3 02/05/2003 LM ELLER 00000065 10283214 40.00 OF 01 FT:8021 Do not detach this portion Mail documents to be recorded with required cover sheet information to: **Commissioner of Patents and Trademarks**

Box Assignments Washington, D.C. 20231

PATENT REEL: 013717 FRAME: 0553

Assignment of Application

T NAMES RESIDENCE ESS OF NVENTORS	WHEREAS, I (WE)	Kiichiro NISHINA		
		of Yokohama-shi, JAPAN		
			· · · · · · · · · · · · · · · · · · ·	
			· · · · · · · · · · · · · · · · · · ·	
			. respectively	
	have invented cortain		,,	
T TITLE OF ITION:		n new and useful improvements in: ZOOM LENS, CAMERA APPARATUS AND RMATION TERMINAL APPARATUS		
	FORTABLE INTO	MATION TERMINAL ATTAKATOS		
I DATE ITORS SIGNED ARATION:	For which an application for Letters Patent was executed on			
	(Application No.	10/283,214 , filed October 30, 2002), and	
		RICOH COMPANY, LTD.		
TNAME				

SERT NAME ID ADDRESS OF IMPANY OR THER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, JAPAN is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

PATENT REEL: 013717 FRAME: 0554 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: November 29.200Z	Laichiro Mishina
	(Signature of Inventor) Kiichiro NISHINA
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
Date:	(Signature of Inventor)
Deter	
Date:	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

RECORDED: 02/03/2003

PATENT REEL: 013717 FRAME: 0555