	Form PTO-159: 1-3-92	5	10-25-20			ER LETTER	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
	10/21/4		10310612		IND! (EE)		Attorney Docket No.: 81931.0050		
		To the Assistant Commissioner			the attach	ned original docun	nents or copy thereof.		
	1. Name of co	I. Name of conveying party(ies):			Name and address of receiving party(ies):				
į	Jun TAKAH	HASHI e(s) of conveying party(ies) attached	t? □ Yes ☒ No		OLYMPUS IMAGING CORP. 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo, Japan				
Ī	22	conveyance:				-, · -/-, -,			
		•							
		nment							
	Execution I	Date: August 30, 2005							
					Additional	name(s) & address	(es) attached? ☐ Yes ☒ No		
	4. Application	number(s) or patent number(s):					OPR/FINAS		
		ment is being filed together with a n	new application, the execu	ıtion (	date of the	application is:	<u> </u>		
	A. Paten	t Application No.(s) 29/238,381			B. Pater	nt No.(s)	in magigar with the control of the c		
			Additional numbers attac	ı :hed?	☐ Yes	⊠ No	ASS STATE OF THE S		
-				_	Tatal access		and antenta involved. [ 4 ]		
		address of party to whom correspon should be mailed:	ndence concerning	6.	Total num	ber of applications a	and patents involved: [ 1 ]		
		sh G. Adli, Esq. AN & HARTSON L.L.P.		7.	Total fee (	(37 CFR 3.41) \$40.	.00		
		outh Grand Avenue, Suite 1900 ngeles, CA 90071			⊠ Enclos	sed rized to be charged	to denosit account		
					Autilor	nized to be charged	to deposit account		
				8.	Deposit ad	ccount number:			
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	9. Statement and signature.  To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.								
	<del></del>	Troy M. Schmelzer		Da	e: Octo	ber 19, 2005			
	OMB No. 0651	-0011 (exp. 4/94)							
	Mail docume	ents to be recorded with requ	ired cover sheet info	orma	ition to:				
	Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office								
104	10/24/2005 BBYRNE 00000165 29236381 P.O. Box 1450								
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## **ASSIGNMENT**

(1-8)	Insert Name(s) of Inventor(s)	(1) (2) (3)	Jun TAKAHASHI (5) (6) (7)
		(4)	(8)
			In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) transfer, and hereby does assign, transfer and set over to
(9)	Insert name of Assignee	(9)	OLYMPUS IMAGING CORP.
(10) Insert state of Incorporation of Assignee		(10)	
(11) Insert address of Assignee		(11)	of 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo, Japan (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number		(12)	DIGITAL CAMERA for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
(13)	Insert Date of Signing of Application	(13)	on August 30, 2005
	continuing United States and fo	oreign a	execute all papers necessary in connection with any original, reissue, divisional applications for the above-identified invention and also to execute separate ons as the Assignee may deem necessary or expedient.
		or conti	execute all papers necessary in connection with any interference which may be nuation or division thereof and to cooperate with the Assignee in every way ard with such interference.
			to execute all papers and documents and perform any act which may be one of the International Convention for Protection of Industrial Property or similar
United	The undersigned again to the Assignee.	ree(s) to	perform all affirmative acts which may be necessary to obtain a grant of a valid
there	s Patents of the United States of to the said Assignee, as Assignee	resulting	uthorize(s) and request(s) the Commissioner of Patents to issue any and all g from said application or any division or divisions or continuing applications the entire interest, and hereby covenants that he has (they have) full right to d that he has (they have) not executed any agreement in conflict herewith.
YANG LANG PETE MATT neces	ERLACHER, Reg. No. 23,009; W B, Reg. No. 38,690; ALFRED A. BLEY, Reg. No. 33,940; MICHAI RSON, Reg. No. 36,238; STE THEW G. DYOR, Reg. No. 42,	VILLIAM D'ANDF EL BYO VEN K. 278, the	TUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. H. WRIGHT, Reg. No. 36,312; DAVID LUBITZ, Reg. No. 38,229; WEI-NING REA, JR., Reg. No. 27,752; WILLIAM J. KUBIDA, Reg. No. 29,664; STUART T. RICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. BARTON, Reg. No. 36,445; SARAH S. O'ROURKE, Reg. No. 41,226; E. power to insert on this assignment any further identification which may be a the rules of the United States Patent and Trademark Office for recordation of
Date:	Aug. 30, 2005 Signat	ure of ir	oventor Jun Takahashi Jun TAKAHASHI
Date:			nventor
Date:			nventor
Date:	Signat	ure of Ir	nventor

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**RECORDED: 10/21/2005** 

PATENT REEL: 017118 FRAME: 0300