11/905229 09/28/2007 10-09-2007 Docket No.: 075458-0063 103451361 ocuments or the new address(es) below. To the Director of the U.S. Patent and Tra 1. Name of Conveying Party(ies) 2. Name and address of receiving party(ies) BROTHER KOGYO KABUSHIKI KAISHA Makoto SUZUKI Internal Address: Additional name(s) of conveying party(ies) attached?

Yes

No Address: 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, 3. Nature of Conveyance/Execution Date(s) Aichi-ken 467-8561 JAPAN Execution Date(s): September 26, 2007 ☐ Merger Assignment Assignment Change of Name Security Agreement ☐ Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No(s). B. Patent No(s). Additional numbers attached? Yes No 6. Total number of applications and patents 5. Name and address to whom correspondence concerning involved: document should be mailed: 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Name: MCDERMOTT WILL & EMERY LLP Authorized to be charged by credit card Internal Address: Authorized to be charged to deposit account Enclosed 600 13th Street, N.W. Street Address: None required (government interest net affecting title) 20005-3096 Zip: State: D. C. Washington City: 8. Payment Information: 202.756.8000 Phone Number: 202.756.8087 Fax Number: Last 4 Numbers Credit Card Email Address: **Expiration Date** Deposit Account Number 500417 b. Authorized User Name September 28, 2007 9. Signature.

Total number of pages including cover sheet, attachments and documents:

Michael A. Messina 33,424

Name and Registration No. of Person Signing

PATENT REEL: 019949 FRAME: 0553

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ASSIGNMENT

	•	(1)	Makoto SUZUKI	(5)	
(1-8)	insert Name(s) of Inventor(s)	(2)		(6)	
		(3)			
			in consideration of the sum of	(8)	ble considerations naid to
(9)	Insert Name of Assignee	(8)	BROTHER KOGYO KABUSH	IKI KAISHA	
(10)	Insert Address of Assignee	(10)	15-7 Napahiro-cho, Mitsuho-	ku, Nagoya-shi, Alchi-kan 467-858	1, Japan
			(hereinafter designated as the Assignee) the entire right, file and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and at previsional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, releases and reexamination certificates that may be granted on the invention known as		
(11)	Insert Identification of Invention such as Title, Case	•	IMAGE FORMING APPAR	ATUS	
	Number, or Foreign Application Number	n.	(Attorney Docket No.		
(12)	Insert Date of		for which the undersigned has (hav	e) executed an application for patent in the Un	ited States of America
(12)	Signing of Application	(12)	on Sep. 26, 5	007	
ор	Alternative	(13)	U.S. application Serial Number		
	filed applications		fled		
applicati any app Assigne claime o rescami States o full right fractivities	applications for the initions and patents as the 2). The undersigned fication or continuation in every way possible 3). The undersigned in provisions of the thick 4). The undersigned nation a grant of a valid 5). The undersigned esulting from said applications or the entire in the convey the conv	wention wention and the control of t	n, and any potent(e) issuing thereognees may deem necessary. (5) to execute all papers necessary islon thereof, or any potent or reissuitaining evidence and going forward (e) to execute all papers and document Convention for Protection of Indu. (9) to perform all affirmative acts of States patent to the Assignee. A suithorize(s) and request(s) the Contact to the said Assignee, as Assigned in the assigned, and that he has (if	nents and perform any act which may be nex strial Property or similar agreements. which may be necessary to obtain, maintain minissioner of Patents to issue any and all La e4 of the entire interest, and hereby covenant say have) not executed, and will not execute, a ways a margery LLP, LTD the nower to inse	is in connection with such by be declared concerning and to cooperate with the peasery in connection with or confirm by release or confirm by release or their Patents of the United is that he has (they have) my agreements in conflict and on this assignment any
further k	ientification which ma	y be n	ecessiany or desirable in order to con	billy with the thirt of the outling office Lord's	and Traderbank Children or
	in witness whereof,			te(s) opposite the undersigned name(s).	(SEAL)
Date	Sep. 26,	200	Name of Invent	- Homelia - J	•
Date			Name of Invent		
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RECORDED: 09/28/2007

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