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U.S. DEPARTMENT OF COMMERCE
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Attorney Docket No. 112150 To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof. Name of conveying party: 1. A. Name and address of receiving party: Nao ITABASHI BROTHER KOGYO KABUSHIKI KAISHA 15-1, NAESHIRO-CHO, MIZUHO-KU, 327.02 NAGOYA-SHI, AICHI-KEN 467-8561, **JAPAN** Additional name(s) of conveying party(ies) attached? ☐ Yes 🛛 No Nature of conveyance: Additional name(s) & address(es) attached? ☐Yes 🛛 No ☐ Merger Assignment Security Agreement ☐ Change of Name Other _ Execution Date: March 25, 2002 If this document is being filed together with a new application, the execution date of the application is: March 25, 2002 Patent Application No.(s) 10/106240 C. Patent No.(s) _____ Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: Name: James A. Oliff 7. A. Total fee (37 CFR 3.41)......\$ 40.00 Enclosed (Check No. 129202) Address: OLIFF & BERRIDGE, PLC Credit any overpayment or charge any underpayment to P.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320 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. Date: March 27, 2002 James A. Oliff, Registration No. 27,075 Holly N. Sy, Registration No. P-50,212 Total number of pages including cover sheet, attachments, and document: 2

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PATENT REEL: 012740 FRAME: 0593

ASSIGNMENT

		(1)	Nac ITAB	ASHI			(5)			
(1-8)	Insert Name(s) of Inventor(s)	(2)					(6)			
		(3)					_ (7)			
		(4)					(B)			
			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) to assign, and hereby does assign, transfer and set over to							
(9)	Insert Name of Assignee	(9)	BROTHER KOGYO KABUSHIKI KAISHA							
(10)	Insert Address of Assignee	(10)	15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken 467-8561, Japan (hereinafter designated as the Assignee) the entire right, title and interest for the United States of Ame as defined in 35 U.S.C. \$100, in the invention, and in all applications for patent including any an provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Le Patent, extensions, reissues and reexamination certificates that may be granted on the invention known							
										including any and all ion(s), and all Letters
(11)	Insert Identification	(11)	DEVELOP	ING AGENT CO	ONTAINE	R INCL	UDING A	SEALING ELE	MENT FOR PRI	EVENTING
	of Invention such as Title, Case		DEVELOPING AGENT FROM LEAKING OUT							
	Number, or Foreign Application Number		(Attorney D	ocket Na.	1121	50				
			for which the	e undersigned h	as (have)	execut	ed an app	dication for pate	nt in the United	States of America
(12)	Insert Date of Signing of Application	(12)	on	M	arch	25,	2002		· · · · · · · · · · · · · · · · · · ·	
(13)	Alternative identification for filed applications	(13)	U.S. applica	U.S. application Serial Number						
			filed	Marc	h 27,	2002				
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	In witness whereof,	execu	ited by the u	ndersigned or	the date	(a) opp	osite the	undersigned (name(s).	
Date	march	25	, 2002	Name of	f Inventor		nao	Stabash	<u>i</u>	(SEAL)
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