<u>:</u>	09-09-2	$\cap \cap A$				
,	v. 10/02) $O(3-1)$ $O(3-1)$		LETTER	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office		
ОМ	B No. 0651-0027 (exp. 6/80/2005) 1028326	24		Attorney Docket No.: 85A 3564		
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	Name of conveying party(ies): MANABU HARAGUCHI Additional name(s) of conveying party(ies) attack Yes ⊠ No	KABUSHIKI 2-51-1, Inada	ddress of receiv KAISHA SHINH aira ayama-shi, Tok	(AWA		
3.	Nature of conveyance:					
	✓ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other					
	Execution Date: 8/13/2004	Additional nam	ne(s) & address(e	es) attached? Yes No		
	Application number(s) or patent number(s): If this document is being filed together with a new application, the second s	B. Patent N	lo.(s)	on is:		
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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.						
William L. Androlia, Reg. No. 27,177 Date: August 30, 2004 Total number of pages including cover sheet, attachments, and documents: [2]						
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09/ 01

> PATENT REEL: 015758 FRAME: 0149

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor((s) (1)	MANABU HARAGUCHI (5)		
,, 0,	moort reamoley or moornes,	(2)	(6)		
		(3)	(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) to assign, and hereby does assign, transfer and set over to		
<i>(</i> 9)	Insert name of Assignee	(9)	KABUSHIKI KAISHA SHINKAWA		
(10)	Insert state of Incorporation Assignee	of (10)	Japan		
(11)	Insert address of Assignee	(11)	2-51-1. Inadaira, Musashimurayama-shi, Tokyo, Japan (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as		
(12)	Insert identification of Invensuch as Title, Case Number Foreign Application Number	r or [°]	A BONDING APPARATUS (10/860,763 of June 3, 2004) 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 Ap	pplication (13)	on 8/13/2004		
possib necess agreen United Letters to the entire i	clared concerning this applicate in obtaining evidence and 3). The undersign sary in connection with claimments. 4) The undersign States patent to the Assigne 5). The undersign Patents of the United States said Assignee, as Assignee interest herein assigned, and 6). The undersign 7,729 the power to insert on with the rules of the United.	eation or continuate going forward with led agree(s) to less or provisions of ed agree(s) to perect. ed hereby authors of the entire interect in the has (they ed hereby appoint this assignment States Patent and states agreed with the second secon	execute all papers and documents and perform any act which may be the International Convention for Protection of Industrial Property or similar erform all affirmative acts which may be necessary to obtain a grant of a valid prize(s) and request(s) the Commissioner of Patents to issue any and a said application or any division or divisions or continuing applications thereoerest, and hereby covenants that he has (they have) full right to convey the sy have) not executed any agreement in conflict herewith. Into the executed any agreement in conflict herewith. The executed any agreement in conflict herewith any further identification which may be necessary or desirable in order to additional desirable and trademark Office for recordation of this document.		
Date:	0/13/2004	Signature of Inve	entor (1) Manabu V Janaguchi		
Date:		Signature of Inventor (2)			
Date:		Signature of Inventor (3)			
Date:		Signature of Inventor (4)			
This as U.S.A.	signment should preferably If neither, then it should be	be signed before: signed before at	e: (a) a Notary Public if within the U.S.A.; (b) a U.S. Consul if outside the least two witnesses who also sign here:		
Date:		Witness			

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Witness__