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Toshihiro TAKAHASHI Satoru HATTORI BROTHER KOGYO KABUŚHIKI KAISH 15-1 NAESHIRO-CHO, MIZUHO-KU, NAGOYA-SHI, AICHI-KEN 467-8561, JAPAN B. Additional name(s) of conveying party(ies) attached? Yes ☒ No A. Nature of conveyance: B. Additional name(s) & address(es) attached? Yes ☒ No Assignment ☐ Merger Change of Name Other B. Execution Date: December 21, 2001 4. A. If this document is being filed together with a new application, the execution date of the application is December 21, 2001 B. Patent Application No.(s) ☐ C. Patent No.(s) ☐ Additional numbers attached? ☐ Yes ☒ No Name and address of party to whom correspondence concerning document should be mailed: Name: James A. Oliff	To the Director of the U.S. Patent and Trademark Office:	
Yes ⊠ No	Toshihiro TAKAHASHI	BROTHER KOGYO KABUSHIKI KAISHA 15-1 NAESHIRO-CHO, MIZUHO-KU, NAGOYA-SHI, AICHI-KEN 467-8561,
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Security Agreement	3. A. Nature of conveyance:	
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Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320 8. Credit any overpayment or charge any underpayed deposit account number 15-0461.	P O. Box 19928	Credit any overpayment or charge any underpayment to deposit account number 15-0461.
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To the best of my knowledge and belief, the foregoing information is true and correct and any analysis the original document	James A. Oliff Registration No. 27,075 John W. Fitzpatrick Registration No. 41,018	
the original document. Date: December 21, 2001 Iames A. Oliff Registration No. 27,075		es including cover sheet, attachments, and document: 2

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ASSIGNMENT

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(1-8)	insert Name(s)	(2)	Satoru HAT	TORI		(6)		
	of Inventor(s)	_/ (3)				(7)		
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(9)	Insert Name of Assignee	(9)		KOGYO KABUSI				
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken 467-8561, Japan					
(11)	h:sert		(hereinafter d as defined in provisional, n	esignated as the As: 35 U.S.C. §100, in	signee) the ent the invention	ire right, title ; and in all a	and interest for	the United States of America patent including any and all application(s), and all Letters ad on the invention known as
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(47)	Impart Data of		for which the u	indersigned has (hav	ve) executed ar	application f	or patent in the	United States of America
(12)	Insert Date of Signing of Application	(12)	on <u>D</u>	ecember 21,	2001			
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