As Dir	ail Stop: signment Recordation Services rector of the U.S. Patent and Trademark Office	04-06-2007 103391757		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office				
	O. Box 1450 exandria, VA 22313-1450			Attorney Docket No.	<u>131944</u>	8 U.S. Ртс 729855		
5 L	Please record the attached original document or copy thereof.							
1.	A. Name of conveying parties	:	2. A. Name	and address of receiving	; party:			
	 Yutaka NOMURA Hiroyuki SUZUKI Chikahisa NOGUCHI Masaru JIMBO Eiichi ITO 		15-1	THER KOGYO KA NAESHIRO-CHO, I OYA-SHI, AICHI-H AN	MIZUHO-KU	,		
	B. Additional name(s) of con-	veying party(ies) attached?						
3.	A. Nature of conveyance:	<u> </u>	B. Additi	onal name(s) & address	(es) attached? s 🛛 No			
	Assignment	Merger						
	Security Agreement	Change of Name						
	Other							
	B. Execution Date: [All] M	arch 29, 2007						
4.	This document is being fil	ed together with a new applic	ation.					
	A. Patent Application No.(s)		B. Paten	t No.(s)				
2007 DBIRNI 8021	E 00000084 11729855 (40.00 DP	Additional numbers atta	ached? 🗌 Yes 🕻	No No				
	C. Title of Application: <u>SEV</u>	WING MACHINE AND S	SPOOL PIN STA	AND THEREFOR				
5.	Name and address of party to w concerning document should be	hom correspondence mailed:	6. Total numb	er of applications and p	atents involved:	1		
	Name: James A. Oliff		7. A. Total	fee (37 CFR 3.41)	\$ <u>40.00</u>			
			B. Enclos	sed (Check No. 191202	2			
	Address: OLIFF & BERRID P.O. Box 199 Alexandria, V/	928		overpayment or charge a ount number 15-0461.	any underpayme	nt to		
. 9		n No. 27,075		Date: <u>March 30, 200</u>)7	copy of		

PATENT REEL: 019138 FRAME: 0904

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		ASSIGNMENT				
		(1) Yutaka NOMURA (3) Eiichi ITO				
(1-8)	Insert Neme(s) of Inventor(s)	(2) <u>Rirovuki SUZUKI</u> (6)				
		(3) <u>Chikahisa NOGUCHI</u> (7)				
		(4) <u>Masaru JIMBO</u> (8)				
		In consideration of the sum of one dollar (\$1,00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to				
(9)	Insert Name of Assignce	(9) BROTHER KOGYO KABUSHIKI KAISHA				
(10)	Insert Address of Assignee	(10) 15-1, Nacshiro-cho, Mizuho-ku, Nagoya-shi, Ajchi-ken, 467-8561 Japan				
(11)	losert Ideatification such na Title, Case Number, or Foreign	the endire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for parent including any and all provisional, non-provisional, divisional, continuation, intervational, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as (11)				
	Application Number	(Attorney Docket No. <u>131944</u>) for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or				
(12)	losert Date of Signing of	(12) Mar. 29, 2007				
	Application					
(13)	Alternative	(13) U.S. application Serial Number				
	Identification for filed applications	filed March 30, 2007				

Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
 Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the declared in undersigned agrees is a children and not a former function which must be declared to cooperate with

the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the international Convention for Protection of Industrial Property or similar agreements.
 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

retexamination a grant of a valid United States patent to the Assignee.
5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters
Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the cutire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not upcease, any agreements in conflict herewith, and agrees that this assigneent is biadiag on him and his heirs, successors, assigns and legal representatives.
6) Each undersigned hereby grants the firm of OLIFF & BERKIDGE, PLC the power to insert on this assignment any further identification of the document.

recorderion of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Date Date Date Date Date	Mar. 29, 2007 Mar. 29, 2007 Joan 29, 2007 Gran, 29, 2007 Gran, 29, 2007 Mar. 29, 2007	Inventor Signature <u>Hirogubi</u> Suzuki (* Inventor Signature <u>Chikahua Nogulii</u> (* Inventor Signature <u>Masam Jinka</u> (* Inventor Signature <u>(*</u>	SEAL) SEAL) SEAL) SEAL) SEAL) SEAL)
Date		Inventor Signature(S	SEAL)
Date		Inventor Signature (S	SEAL)
Date		laventor Signature (S	SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date Date

Witness	
Witness	

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RECORDED: 03/30/2007