Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450		RECORDATION FORM COVER SHEET PATENTS ONLY A		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office torney Docket No. 140443				
Please record the attached document.  Total number of pages including cover sheet, attachments, and document: 2								
3.	A. Nature of conveyance:  Assignment  Security Agreement  Other  B. Execution Date: [1] & [3]:	☐ Yes ☑ No  Merger  Change of Name	BROTHER 15-1, NAE: NAGOYA- AICHI-KE: JAPAN	ad address of receiving party:  A KOGYO KABUSHIKI KAISHA SHIRO-CHO, MIZUHO-KU -SHI N, 467-8561  al name(s) & address(es) attached?  Yes 🖾 No				
4.	A. Patent Application No. 12/32		B. Patent N					
	Additional numbers attached?							
5.	C. Title of Application: THRE.  Name and address of party to whom concerning document should be maile			of applications and patents involved: 1				
	Name: <u>James A. Oliff</u>			parge Deposit Account No. 15-0461 the (37 CFR 3.41) in the amount of \$40.00.				
	Address: OLIFF & BERRIDGE, PI P.O. Box 320850 Alexandria, VA 223 Phone Number: 703-836 Fax Number: 703-836	20-4850 i-6400		erpayment or charge any underpayment to unt number 15-0461.				
9.	Statement and signature. To the best of my knowledge and believed for the best of my knowledge and believed for the best of my knowledge and believed for the best of the best	075		t and any attached copy is a true copy of the  April 3, 2009				

PATENT REEL: 022488 FRAME: 0934

## ASSIGNMENT

		(1)	Т МПССИ	/E)				
/1 D)	Turnoud	(1) _		(5)				
(1-8)	Insert Name(s)	(2) _	Yoko TOTSU	(6)				
	of Inventor(s)			(7)				
		(4) _		(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 Assignee	(0)	(9) BROTHER KOGYO KABUSHIKI KAISHA					
(10)	Insert Address of Assignee	• • •						
		(10) _	(10) 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561 Japan					
		the entire invention continua	(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire 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 patent including any and all provisional, non-provisional, divisional, continuation, international, 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)	Insert	(11)	THREAD CUTTER FOR SEW	NG MACHINE				
	Identification such as Title, Case							
	Number, or Foreign	-	v Docket No. 140443					
	Application Number	,						
			h the undersigned has (have) ex date herewith or	ecuted an application for patent in the U	Inited States of America			
(12)	Insert Date of							
	Signing of	(12) on	Mar. 20	2009 Mar 23.	2009			
	Application	<b>01</b>	1100.000	1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>_</u>			
(13)	Alternative	(13) U.S. application Serial 12/320,762 Number						
	Identification for	<b></b> .	71 4 0000		·			
	filed applications	filed _	on February 4, 2009		<del></del>			
applicate any app the Assi claims of reexami Patents of full righ and agree identificate.	ions and patents as the Assi 2) Each undersigned agr fication or continuation or o gnee in every way possible 3) Each undersigned agr or provisions of the Internati 4) Each undersigned agr nation a grant of a valid Un 5) Each undersigned aut of the United States resulting t to convey the entire intereses that this assignment is b 6) Each undersigned here	gnee may de ees to execut livision there in obtaining ees to execut onal Coaven ees to perforn ited States p interizes and r of from said st herein assi inding on his	em necessary.  e all papers necessary in connece of, or any patent or reissue apple evidence and going forward will eall papers and documents and aftion for Protection of Industrial mail affirmative acts which mainstent to the Assignee.  equests the Commissioner of the application(s) to the said Assigned, and that he has not execument and his heirs, successors, assigned, and the heirs, successors, assigned, and the heirs, successors, assigned firm of OLIFF & BERRIDGE, it	perform any act which may be necessar Property or similar agreements. the necessary to obtain, maintain or con- ty. U.S. Patent and Trademark Office to it ee, as Assignce of the entire interest, an ted, and will not execute, any agreemen	e declared concerning, and to cooperate with by in connection with infirm by reissue or ssue any and all Letters and covenants that he has its in conflict herewith,			
	In witness whereof, execu	ited by the u	indersigned on the date(s) opp	osite the undersigned name(s).				
Date	Mar, 23. 200	9	Inventor Signature	Tomoyasu Mizeki	(SEAL)			
Date	Mar. 20. 200	9	Inventor Signature	Goko totsu	(SEAL)			
Date .	Mar. 23. 200		Inventor Signature	Hirowki Fukao	(SEAL)			
Date .		<del></del> .		-				
-								
Date _								
Date _			_ Inventor Signature _		(SEAL)			
Date _			Inventor Signature		(SEAL)			
Date _			Inventor Signature		(SEAL)			
			gned before: (a) a Notary Public two witnesses who also sign he	if within the U.S.A. (b) a U.S. Consulte:	if outside the U.S.A.			
Date _			Witness					
Date _			Witness					

PATENT
RECORDED: 04/03/2009 REEL: 022488 FRAME: 0935