1. A		Please record the attached original document or copy thereof.
	1. Atsushi KOJIMA 2. Hideto MATSUMOTO	
E		BROTHER KOGYO KABUSHIKI KAISHA 15-1 NAESHIRO-CHO, MIZUHO-KU NAGOYA-SHI, AICHI-KEN, 467-8561 JAPAN
	3. Additional name(s) of conveying party(ies) attached? I Yes I No	
3. A	A. Nature of conveyance:	B. Additional name(s) & address(es) attached? □Yes ⊠ No
0	Assignment Merger	
L T	Security Agreement Change of Name	
E	3. August 19, 2002	10/2 22 000
	A. If this document is being filed together with a new app 16, 2002 3. August 19, 2002	lication, the execution date of the application is: (1 and 2) Augus
I	B. Patent Application No.(s)	C. Patent No.(s)
	Additional numbers at	l ached? 🗌 Yes 🖾 No
	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: <u>1</u>
	Name: James A. Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00
		B. Enclosed (Check No. <u>133628</u> )
	Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	<ol> <li>Credit any overpayment or charge any underpayment to deposit account number 15-0461.</li> </ol>
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1	Statement and signature. To the best of my knowledge and pelief, the foregoing inform the original document.	nation is true and correct and any attached copy is a true copy o Date: August 20, 2002

PATENT REEL: 013210 FRAME: 0893

		(1)	Atsushi	колма			_	( <u>ه</u> )				
1	Inset	(2)	Hideto I	AATSUMOTO	· ····		_	(6)				
	Namo(S) of Inventor(S)	(3)	Hideki (					ന				
		(4)						(8)				
		each		onsideration of th lensigned, the unk			•		-			•
(5)	insert Name of Assignee	(9)	BROT	HER KOGYO K	ABUSE	IIKI KAIS	HA					
(12)	Insert Address of Assignee	(10) 15-1 Naeshiro-cho, Mizaho-ku, Nagoya-shi, Aichi-kzu, 467-8561 Jugan										
(11)	Incert		es and re	, divisional, conti examination centi NSMISSION DE	ficates U	net may be	granied	on the inve	ntion know	17 286		insions.
	Identification such as Title, Case			STERED IN TH								
	Number, or Fereign Application Number	(Altor	ney Dock	et No. <u>11</u>	3486							)
		for wh	ich the u	ndersigned has (h	ave) exc	ecuted an a	pplicatio	n for patent	in the Uni	ed States o	l America	
(12)	Insert Date of Signing of Application	(12)	on _	August	16,	2002	and	Augus	t 19,	2002		
(13)	Alternative	(13)	U.S. a	plication Serial N	lumber						۰	
	Identification for	filed		August 20	, 2002	2						

ASSIGNMENT

1) The undersigned agree(s) 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 Assignees may deem necessary.

2) The undersigned agree(s) 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 Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) 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) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or neocamination a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interast, and hereby coverants that he has (they have) full right to correct the entire interast herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of OLIFF & BERURIDGE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

	16,2002	Name of inventor	Attenti Hojina	(SEAL)
Date	Aug. 16. 2002	Name of Inventor	Hideto Motumoto	(SEAL)
Date	Aug. 19, 2002	Name of inventor		(SEAL)
Catte				(SEAL)
Date		Name of inventor		(SEAL)
Date		Name of inventor		(SEAL)
Date		Name of Inventor	and the second	(SEAL)
Date	. <u></u>	Name of Inventor		(SEAL)

## **RECORDED: 08/20/2002**

filed app6cations

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