OIP E VO	11-13-	-2001		
FORM PTO-1595 P21188.P06				TMENT OF COMMERCE
To the Honorable Commissioner 10189		5823	hed original documents or copy thereof.	
1. Name of Conveying party(ies):			dress of receiving party(ies)	
NOMURA, Hiroshi SASAKI, Takamitsu		Name: AS	<u>AHI KOGAKU KOGYO K</u>	ABUSHIKI KAISHA
ISHIZUKA, Kazunori TAKASHIMA, Maiko	7~0)	Internal Addre	ess:	
Additional name(s) of conveying party(ies) attack	hed? YesX_			
No		Street Address	s: 36-9, Maenocho 2-ch	ome, Itabashi-ku,
3. Nature of conveyance:		Tokyo, Japan		
X Assignment	Merger	City:	State:	ZIP
Security Agreement	Change of Name			
Other	Additional name(s) and address(es) attached? YesX No			
Execution Date: October 23, 23, 23 and 25, 20	001	-		
4. Application number(s) or patent number(s):				
If this document is being filed together with a	new application, the e	execution date of the	application is:	
A. Patent Application No.(s) 09/961,233		B. Patent No.((s)	
	Additional numbers at	cached: Yes <u>X</u> 1	No	
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of	of applications and patents in	nvolved: 1
Name: Bruce H. Bernstein		7. Total Fee (37 CFR 3.41)\$ <u>X</u> Enclosed		
Internal Address: P21188		Authorized	to be charged to deposit according	unt
Street Address: <u>GREENBLUM & BERN</u>	ISTEIN, P.L.C.	- 8. Deposit account	number:	
1941 Roland Clarke Pla	ace	. Deposit account	19-0089	(Attach
City: <u>Reston</u> State: <u>VA</u> Z	IP: <u>20191</u>	duplicate copy of th	is page if paying by deposit a	
	DO NOT US	E THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the document. Bruce H. Bernstein, Reg. No. 29,027 My Name of Person Signing	1 1			
Name of Person Signing	Sig	nature	Da	ate

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT

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ASSIGNMENT

WHEREAS, Hiroshi NOMURA, a citizen of Japan, whose post office address is c/o Asahi Kogaku Kogyo Kabushiki Kaisha, 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo, Japan, Takamitsu SASAKI, a citizen of Japan, whose post office address is c/o Asahi Kogaku Kogyo Kabushiki Kaisha, 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo, Japan, Kazunori ISHIZUKA, a citizen of Japan, whose post office address is c/o Asahi Kogaku Kogyo Kabushiki Kaisha, 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo, Japan, and Maiko TAKASHIMA, a citizen of Japan, whose post office address is c/o Asahi Kogaku Kogyo Kabushiki Kaisha, 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

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for which they have filed an application for Letters Patent of the United States which was filed in the United States Patent and Trademark Office on September 24, 2001 and since this Assignment is being filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application, including Neil F. Greenblum, Reg. No.28,394, Bruce H. Bernstein, Reg. No.29,027, Arnold Turk, Reg. No.33,094, and James L. Rowland, Reg. No.32,674, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 09/961,233 _______, filed September 24, 2001) the application number of said application when known.

AND WHEREAS, ASAHI KOGAKU KOGYO KABUSHIKI KAISHA , a corporation organized and existing under the laws of Japan, whose post-office address is 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo, Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United Sates including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and

PATENT REEL: 012298 FRAME: 0849 any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

Witnessed by:			
<u>Ci'chi' Chashi' 10/23/2001</u> Name Date	<u>Hiroshi Nomura</u> Hiroshi NOMURA		
<u>Rie Jahagi 10/23/2001</u> Name Date	Oct. 23. 200/ Date		
Witnessed by:	Takamitsu Sasaki		
<u>Eirchi' Chashi' (0/23/2001</u> Name Date	Takamitsu SASAKI		
<u>Mie Jahagi 10/23/200/</u> Name Date	Oct. 23, 2001 Date		

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Witnessed by:		
Cilchi' Olin	rsli 10/23/2001	Kazunovi Ishizuka Kazunori ISHIZUKA
Name	Date	
Rie Ta	hagi 10/23/2001	Oct, 23.200 Date
Name	Date	
Witnessed by:		
		Maiko Takaskima
Name	Date	Maiko TAKASHIMA
		Oct. 25, 2001
Name	Date	Date

RECORDED: 11/07/2001

PATENT REEL: 012298 FRAME: 0851