U.S. Department of Commerce Patent and Trademark Office

102021784 Our Ref.: 900-422

Commissioner of Patents and Trademarks Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Pleas	se record the attached original documents or copy thereof			
1. Name of conveying party(ies):	2 None and address Court in the			
Tetsuo ENDOH Noboru TAKEUCHI	17			
Fujio MASUOKA	Name: FUJIO MASUOKA			
Takuji TANIGAMI	Internal Address:			
Takashi YOKOYAMA	Street Address: 2-33-18, Higashikatsuyama, Aoba-			
- 101/00				
Additional name/s of conveying party/ies attached?				
3. Nature of conveyance:	City: Sendai-shi, Miyagi			
Assignment Merger	State/Country: Japan			
Security Assignment Change of Name	Zip: 981-0923			
Other				
Execution Date: February 27, 2002	Additional name/s & address/es attached? X Yes No			
1 Columny 27, 2002	Additional name/s & address/cs attached: M Tes 1100			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the execution	date of the application is: February 27, 2002			
A. Patent Application No(s).	B. Patent No(s).			
(1) to be assigned	$\binom{1}{2}$			
(2)	(2)			
(3)	$\begin{array}{c} (3) \\ 1 \\ 1 \\ 1 \\ 1 \end{array}$			
Additional numbers atta 5. Name and address of party to whom correspondence				
concerning document should be mailed:	6. Total number of applications & patents involved:1			
=	7. Total fee (37 CFR 3.41) \$ 40.00			
Name: H. Warren Burnam, Jr.	∑ Enclosed 57 CTR 5.41) 5 40.00			
	Authorized to be charged to deposit account #14-1140			
Internal Address:				
	8. The Commissioner is hereby authorized to charge any			
Street Address: Nixon & Vanderhye P.C.	<u>deficiency</u> , or credit any overpayment, in the fee(s) filed, or			
1100 North Glebe Road	asserted to be filed, or which should have been filed herewith			
8 th Floor	(or with any paper thereafter filed in this application by this			
City: Arlington State: VA Zip: 22201	firm) to our Account No. 14-1140.			
DO NOT USE THIS SPACE				
0. Statements and signature				
 Statements and signature. To the best of my knowledge and belief, the foregoing informati 	on is true and correct and any attached convice a true conv			
of the original document.	on is true and correct and any attached copy is a true copy			
_				
H. Warren Burnam, Jr. Name of Person Signing Sign	March 11, 2002			
Name of Person Signing Sign	ature Date			
Reg. No. 29,366				
Total number of pages including original cover sheet, attachments, and document: [3]				
HWB:lsh	1.488444400400			

03/15/2002 EHALLE1 00000007 10093712 40.00 OF 02 FC:581

> **PATENT** REEL: 012680 FRAME: 0689

(9)

Commissioner of Patents and Trademarks

Our Ref: 900-422

RECORDATION FORM COVER SHEET

PATENTS ONLY

Box Assignment, Washington, D.C. 20231	
1. Name of conveying party(ies):	
O N. CHADD KADUQUIKI KAIQUA	
2. Name: SHARP KABUSHIKI KAISHA Street Address: 22-22, Nagaike-cho, Abeno-ku	
City: Osaka	
State: Japan	
Zip: 545-8522	
4. Application number(s) or patent number(s):	
A. Patent Application No(s).	B. Patent No(s).
(4)	(4)
(5)	(5)
(6)	(6)
(7)	(7)
(8)	(8) (9)
(9)	

PATENT

			Case No.:	
	ASSIGN	MENT OF U.S. PAT	ENT APPLICATION	
	Tetsuo ENDOH, Fi	uiio MASUOKA. Takuii TA	ANIGAMI, Takashi YOKOYAMA and	
(Inventors)	Noboru TAKEUCH			
	1		Jallay (Md CO) and all and all all all all all all all all all al	
			lollar (\$1.00) and other good and valuable ned, the undersigned agree(s) to assign, and	
		n, transfer and set over to		
(Assignee)	Fujio MASUOKA		-a corporation of JAPAN	
(Address)			ai-shi, Miyagi 981-0923 JAPAN	
(Assignee)	SHARP KABUSHII		a corporation of JAPAN	
(Address)		o, Abeno-ku, Osaka 545-		
			e undersigned's entire right, title and interest for es and possessions in the invention, and all	ır
			nt which may be granted therefore, known as	
(Title)			RON MICRÓSCOPIC SAMPLE AND	
		ALYZING SEMICONDUC	ted on even date herewith an application for	
			not on even date, then has executed on	
		or has already filed	U.S. application Serial No, on	ŧ
	The undersigned a	 cknowledges an obligatio	on of assignment of this invention to said	
		e the invention was made		
			nd documents necessary in connection with the	
			any continuing or divisional applications there	of
			rith such applications as the Assignee may ct which may be necessary in connection with	
			stection of Industrial Property or similar	
agreements.			, ,	
			e acts which may be necessary to obtain a gra	ınt
	ted States patent to	-	() !!» O	
			(s) the Commissioner of Patents to issue any	
and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby				
covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has				
		not execute, any agreem		
			N & VANDERHYE P.C. 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 Office for recordation of this document. It is understood and agreed that				
			resented only ASSIGNEE and will continue to	aı
		espect to this invention.	, · · · · · · · · · · · · · · · · ·	
	tness whereof, exec	uted by the undersigned of	on the date(s) opposite the undersigned	
signature(s).			a	
Date Febr	uary 27, 2002	Signature of inventor	Tetano Endoh	
		_	Tetuo ENDO	ЭH
Date <u>Febr</u>	uary 27, 2002	Signature of inventor	Fujio MASUOR	<u>ζΑ</u>
Date Febr	uary 27, 2002	Signature of inventor		
			Takuji TANIGA	
Date <u>Febr</u>	uary 27, 2002	Signature of inventor	lakashi lokoyama Takashi YOKOYAN	JA
Date Febr	uary 27, 2002	Signature of inventor	noboru Jakeuchi	
			Noboru TAKEUC	:HI
Witnessed by	y:		Date	
			Data	
Witnessed by	y:		Date	

RECORDED: 03/11/2002

264637

PATENT REEL: 012680 FRAME: 0691