/	6	Þ	1	E	>		
1 111 5 4 5005 E	MILL	7.	4	501	25	6 2	

0.		7 711 3 4 500F	Ų		DO NOT USE	FOR TRADEMARKS
		RECORDATION FE	RM COVER SHE	ET		
102145809	P	ATENT APPLICATION PATENTS AND TRA		DNLY		
SIR: PLEASE RECORD THE A				HERE(OF.	
1. NAME OF CONVEYING PAR				::=`	· · · · · · · · · · · · · · · · · · ·	
1. Osamu SUENAGA	1	24-02	2. Kazuo YAMAN			
3. Kaoru FUJIHARA	6	09500	4. Sadao KOBA	YASHI		
5. 7 _.			6. 8.			
ADDITIONAL NAME(S) OF CO	NVEYING PA	RTY(IES) ATTACHE		0		
2. PARTY(IES) (ASSIGNEE(S)			 			
NAME: 1) Tokyo Electron Limite	ed; 2) Taisei (Corporation				
ADDRESS: 1) 3-6, Akasaka 5-0	chome Minato	-ku Tokyo 107-848	1 JAPAN			
		Shinjuku-ku, Tokyo				
•						
ADDITIONAL NAME(S) & ADD 3. NATURE OF CONVEYANCE			⊠NO			
(Submit herewith only one d			conies of same A	ssiann	nent signed by differe	ent inventors is one
document)	COUNTY IOI I	Justia autori - marapio	Topico di dallio A			
⊠ASSIGNMENT OF	⊠ WHOLE	PART INTER	REST E	XEC. I	DATE: May 9, 2002	
⊠ORIGINAL		LE/PHOTOCOPY	}			
☐CHANGE OF NAME ☐SECURITY☐MERGER		D TRANSLATION	<u></u>			
EXECUTION DATE(S) ON THE			WITH (NOTE: IF	DATE	S ON DECLARATIO	N AND
ASSIGNMENT DIFFER SEE A		ION II FIELD FIERE	(<u>NOTE</u> : II	D , (,) _	5 5 T B E 5 E 11 T T T T	
4.5 APPL. NO.(S) OR PAT NO	(S). OTHER	S ON ADDITIONAL S	SHEET(S) attache	d? []YES ⊠NO	
A. PAT. APP. NO.(S) M#		1st INVENTOR	B. PATENT NO	(S)	M#	1st INVENTOR
series code/serial no	0.4	if not in item 1	-			if not in item 1
0/103,135 2911 5: Name & Address of Party to		SUENAGA	6. NUMBER IN	VIVOL	/ED·	<u></u>
Concerning Document Show					S <u>0</u> = TOTAL =	<u>1</u>
Pillsbury Winthrop LLP			7. AMOUNT OF	FEE	DUE: (Code 581)	
Intellectual Property Group			ABOVE TOTA			
P.O. Box 10500	The state of the s					
McLean, VA 22102						
			8. PLEASE CHA	RGE T	O OUR DEPOSIT ACC	COUNT
McLean, VA 22102 5.5 ATTY DKT:			NUMBER: 03-	3975		
5.5ATTY DKT: P 291104		02006CDC	NUMBER: 03- UNDER ORDER	3975 R NO	40258	291104
5.5ATTY DKT: P 291104 MATTER NO.	CL	IENT REF.	NUMBER: 03- UNDER ORDEF dup. sheet not requ	3975 R NO uired	40258 CLIENT NO.	291104 MATTER NO.
5.5ATTY DKT: P 291104 MATTER NO. To the best of my knowledge	CL	IENT REF.	NUMBER: 03- UNDER ORDEF dup. sheet not requ	3975 R NO uired	40258 CLIENT NO.	291104 MATTER NO.
5.5ATTY DKT: P 291104 MATTER NO.	CL	IENT REF.	NUMBER: 03- UNDER ORDEF dup. sheet not requ	3975 R NO uired	40258 CLIENT NO.	291104 MATTER NO.
5.5ATTY DKT: P 291104 MATTER NO. To the best of my knowledge	CL	IENT REF.	NUMBER: 03- UNDER ORDER dup. sheet not requation is true and co	3975 R NO uired orrect a	40258 CLIENT NO.	291104 MATTER NO.
5.5ATTY DKT: P 291104 MATTER NO. To the best of my knowledge	CL	IENT REF.	NUMBER: 03- UNDER ORDER dup. sheet not requation is true and co	3975 R NO uired orrect a er of pa achme	40258 CLIENT NO. and any attached copages including this and document	291104 MATTER NO.
5.5ATTY DKT: P 291104 MATTER NO. S. To the best of my knowledge the original document.	CL e and belief, t	IENT REF.	NUMBER: 03- UNDER ORDER dup, sheet not requation is true and co	3975 R NO uired orrect a er of pa achme	40258 CLIENT NO. and any attached copages including this and document	291104 MATTER NO. by is a true copy of
5.5ATTY DKT: P 291104 MATTER NO. S To the best of my knowledge the original document. Signal	CL e and belief, t	IENT REF.	NUMBER: 03- UNDER ORDER dup. sheet not requation is true and co	3975 R NO uired orrect a er of pa achme	40258 CLIENT NO. and any attached copages including this and document	291104 MATTER NO. by is a true copy of
5.5ATTY DKT: P 291104 MATTER NO. To the best of my knowledge the original document. Signate Attorney: Glenn J. Perry	CL e and belief, t	IENT REF.	NUMBER: 03- UNDER ORDEF dup. sheet not requation is true and continued to the continued to the cover sheet, atta- (do not file dup.	3975 R NO uired prrect a er of pa achme Cover	40258 CLIENT NO. and any attached copages including this ints and document sheet)	291104 MATTER NO. by is a true copy of
E.5ATTY DKT: P 291104 MATTER NO. S. To the best of my knowledge the original document. Signal Attorney: Glenn J. Perry Fleg. No. 28458	CL e and belief, t	IENT REF. the foregoing informa	NUMBER: 03- UNDER ORDEF dup. sheet not requation is true and contained to the cover sheet, atta (do not file dup.) Date: June 2	3975 R NO uired prrect a er of pa achme Cover	40258 CLIENT NO. and any attached copages including this ints and document sheet)	291104 MATTER NO. by is a true copy of
5.5ATTY DKT: P 291104 MATTER NO. To the best of my knowledge the original document. Signate Attorney: Glenn J. Perry	CL e and belief, t rure TEL: (703)	HENT REF. The foregoing information of the f	NUMBER: 03- UNDER ORDEF dup. sheet not requation is true and contact at the cover sheet, attack (do not file dup. Date: June 2 FAX: (3	3975 R NO uired prrect a prrect a cover 4, 200 703) 9	40258 CLIENT NO. and any attached copages including this ints and document sheet)	291104 MATTER NO. by is a true copy of
5.5ATTY DKT: P 291104 MATTER NO. To the best of my knowledge the original document. Signal Attorney: Glenn J. Perry Fleg. No. 28458	CL e and belief, the cure	JENT REF. The foregoing information of the fo	NUMBER: 03- UNDER ORDEF dup. sheet not requation is true and contact at the cover sheet, attack (do not file dup. Date: June 2 FAX: (3	3975 R NO uired prrect a prrect a cover 4, 200 703) 9	40258 CLIENT NO. and any attached copages including this ints and document sheet)	291104 MATTER NO. by is a true copy of

PATENT

Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard

USA Patent Appin.
Sole or Joint

For Inven	tions made o	utside USA
executed	with or after	application
Atty. Dkt. P	· -	
-	M#	Client Ref.

McLean, VA 22102

NON	PRO'	VISIO	NAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

	OF NONPROV	<u>ISIONAL APPLICATIO</u>	<u>N</u>				
the undersig	In consideration of the sum of Ten Dollar	s (\$10.00) and other good and	valuable consideration paid to each of				
the undersig	nied, to wit.	•					
INSERT	(1) Osamu Suenaga		(2) Kazuo Yamamoto				
NAME(S) OF	<u> </u>		(4) Sadao Kobayashi				
INVENTOR(S			x box if continued on page 2				
the receipt a and transfer	and sufficiency of which are hereby acknowledg (s) unto:	ed by the undersigned who a	t the request of, hereby sell(s), assign(s)				
INSERT	TOKYO ELECTRON LIMITED	TOKYO ELECTRON LIMITED					
NAME(S) OF	0 0,	ato-Ku, Tokyo 107-84	81 Japan				
ASSIGNEE(S							
		ome, Shinjuku-Ku, To	kyo 163-0606 Japan				
(hereinafter designany and all division	gnated "ASSIGNEE") the entire right, title and interest for the Uni ions, continuations, substitutes, and reissues thereof; and all resu	ited States of America as defined in 35 U. ulting patents, known as	S.C. 100, in the invention and all applications including				
TITLE OF INVENTION	I GENERAL CONTINUED MANNETENACIFIED INC. FINCILLI'V AND A SEMILLINDE INC. III)R						
NOTE → → (Complete	(B) on						
line A, B and	d/or C) (C) \overline{X} in U.S. Appln. No. $\underline{10}$	103,135 filed	March 22, 2002				
hereinafter act of	i, for its interest as ASSIGNEE, its successors, assigns and legal on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and exe SIGNEE to ASSIGNEE'S full protection and title in and to the inve The undersigned hereby authorize(s) Pillsbury Winthrop	s representatives; the undersigned agree cute any papers for ASSIGNEE, its succe	essors, assigns and legal representatives, deemed				
	INVENTORS 60	DATE SIGNED	WITNESSES				
1):	Usamu Suenag	May 9, 2002	- Felle Ja				
Name:	Osamu Suenaga	to- May 9, 2002	Filet John				
2) Name:	Kazuo Yamamoto	12	- 113-k1				
3)	Kaore Fujilari	May 9, 2002	- enal -				
Name:	Kaoru Fujihara						
¾) Name: Name: 1፮) Name:	Sadao Robayash	May 9, 2002	with Id				
Name:	Sadao Kobayashi						

Document

RECORDED: 06/24/2002

PAT-114 1/00

PATENT REEL: 13040 FRAME: 0995