01-29-2002

3013 Feet PARATE 28 NOV 2001

09/979717

Form PTO-1595 RECORDATION FORM COVER SHEET PAT t of Commerce mark Office

101964111

11/28/01	Attorney Docket No. 107242-00028 Date: November 28, 2001	
To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof		
Name of conveying party(ies)	Name and address of receiving party(ies):	
Shoji AKIYAMA Norihiro KOBAYASHI Masaro TAMATSUKA Takatoshi NAGOYA	Name: SHIN-ETSU HANDOTAI CO., LTD. Address: 4-2, Marunouchi 1-chome, Chiyoda-ku Tokyo, JAPAN	
Additional name(s) of conveying party(ies) attached?	Additional name(s) & address(es) attached?	
☐ Yes	☐ Yes	
3. Nature of conveyance: Assignment		
Application number(s) or patent number(s): If this document is being filed together with a new application, the execution and the execution is described.	ution date of the application is: August 9, 2001	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers attached? ☐ Yes ☒ No		
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: One	
Name: Arent Fox Kintner Plotkin & Kahn PLLC	7. Total fee (37 CFR 3.41) \$ 40.00	
Street Address: 1050 Connecticut Avenue, N.W., Suite 400	☑ Included in attached check.	
Washington, D.C. 20036-5339	Any additional fees are authorized to be charged to deposit account	
12/03/2001 MNGUYEN 00000043 09979717 02 FC:581 40.00 OP	8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE TH	IIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is trucopy of the original document. George E. Oram, Jr.	November 28, 2001	
Reg. No. 27,931	nature Date	

PATENT REEL: 012502 FRAME: 0973

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC

Nikaido, Marmelstein, Murray & Oram Intellectual Property Group

Docket No. <u>107242-00028</u>

U.S. ASSIGNMENT

Shin-Etsu Handotai Co.,		
of 4-2, Marunouchi 1-cho	ome, Chiyoda-ku, Tokyo, Japa	an
(hereinafter ASSIGNEE), the receip hereby sells, assigns and transfers to invention entitled	ot of which is hereby acknowledged, the ASSIGNEE the entire and exclusive rig	undersigned ASSIGNOI ht, title and interest to th
MANUFACTURING PROCES	SS FOR ANNEALED WAFER	
for which application for Letters Pate otherwise indicated below:	ent of the United States was executed on	even date herewith unles
*filed on March 26,	2001 , Serial No. PCT/JP01/	02398
	Kahn, PLLC, Nikaido, Marmelstein, M to insert the serial code, serial number a	
and all Letters Patent of the United Sta division, renewal, substitute, reissue same may be granted.	ates to be obtained therefor on said applic or reexamination thereof for the full ter	ation or any continuation m or terms for which the
The ASSIGNOD agrees to ex		
continuing, divisional, reissue or re	xecute all papers necessary in connection eexamination applications thereof and applications as the ASSIGNEE may deen	also to execute separat
continuing, divisional, reissue or reassignments in connection with such a The ASSIGNOR agrees to e litigation, or other legal proceeding continuation, division, reissue or reex	examination applications thereof and applications as the ASSIGNEE may deer execute all papers necessary in connecting which may be declared concerning amination thereof or Letters Patent or refer in every way possible in obtaining and	also to execute separate in necessary or expedient on with any interference this application or any ssue patent issued thereof
continuing, divisional, reissue or reassignments in connection with such a The ASSIGNOR agrees to e litigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit	examination applications thereof and applications as the ASSIGNEE may deer execute all papers necessary in connecting which may be declared concerning amination thereof or Letters Patent or refer in every way possible in obtaining and	also to execute separate in necessary or expedient on with any interference this application or any ssue patent issued thereof d producing evidence and
continuing, divisional, reissue or reassignments in connection with such a The ASSIGNOR agrees to elitigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit IN WITNESS WHEREOF, the under	examination applications thereof and applications as the ASSIGNEE may deer execute all papers necessary in connecting which may be declared concerning tamination thereof or Letters Patent or refer in every way possible in obtaining and adjustion, or other legal proceeding.	also to execute separate in necessary or expedient on with any interference this application or any ssue patent issued thereof d producing evidence and s/her/their signature(s).
continuing, divisional, reissue or reassignments in connection with such a The ASSIGNOR agrees to elitigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit IN WITNESS WHEREOF, the under	examination applications thereof and applications as the ASSIGNEE may deer execute all papers necessary in connecting which may be declared concerning amination thereof or Letters Patent or refix in every way possible in obtaining antigation, or other legal proceeding. In the state of the	also to execute separate in necessary or expedient on with any interference this application or an assue patent issued thereod producing evidence and where their signature (s).
continuing, divisional, reissue or reassignments in connection with such a The ASSIGNOR agrees to e litigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit IN WITNESS WHEREOF, the under Show Akiyama	examination applications thereof and applications as the ASSIGNEE may deer execute all papers necessary in connecting which may be declared concerning the amination thereof or Letters Patent or refer in every way possible in obtaining and the end of the	also to execute separate in necessary or expedient on with any interference this application or an assue patent issued thereod producing evidence and wher/their signature(s). Aug. 9, 2001
The ASSIGNOR agrees to e litigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit IN WITNESS WHEREOF, the under Show (SIGNATURE)	examination applications thereof and applications as the ASSIGNEE may deer execute all papers necessary in connecting which may be declared concerning amination thereof or Letters Patent or refix in every way possible in obtaining antigation, or other legal proceeding. In the state of the	also to execute separate in necessary or expedient on with any interference this application or an assue patent issued thereod producing evidence and wher/their signature(s). Aug. 9, 2001 (DATE)
The ASSIGNOR agrees to e litigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit IN WITNESS WHEREOF, the under Shope (SIGNATURE) **Critical Moleyuk**	execute all papers necessary in connecting which may be declared concerning amination thereof or Letters Patent or reference in every way possible in obtaining antigation, or other legal proceeding. Shoji AKIYAMA (TYPE NAME) Norihiro KOBAYASHI (TYPE NAME)	also to execute separate in necessary or expedient on with any interference this application or an assue patent issued thereod producing evidence and sher/their signature(s). Aug. 9, 2001 (DATE) Aug. 9, 2001
The ASSIGNOR agrees to e litigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit IN WITNESS WHEREOF, the under Shope (SIGNATURE) Worden Holografia	examination applications thereof and applications as the ASSIGNEE may deer execute all papers necessary in connecting which may be declared concerning that a concerning the examination thereof or Letters Patent or reference in every way possible in obtaining antigation, or other legal proceeding. In the examination of the example of	also to execute separate in necessary or expedient on with any interference this application or an assue patent issued thereod producing evidence and sher/their signature(s). Aug. 9, 2001 (DATE) Aug. 9, 2001 (DATE)
The ASSIGNOR agrees to e litigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit IN WITNESS WHEREOF, the under Stoy (SIGNATURE) **Corumn Molayum** (SIGNATURE) **Corumn Molayum** (SIGNATURE)	execute all papers necessary in connecting which may be declared concerning amination thereof or Letters Patent or reference in every way possible in obtaining antigation, or other legal proceeding. Shoji AKIYAMA (TYPE NAME) Norihiro KOBAYASHI (TYPE NAME) Masaro TAMATSUKA (TYPE NAME)	also to execute separate in necessary or expedient on with any interference this application or an assue patent issued thereod producing evidence and where their signature (s). Aug. 9, 2001 (DATE) Aug. 9, 2001 (DATE) Aug. 9, 2001 Aug. 9, 2001
The ASSIGNOR agrees to e litigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit IN WITNESS WHEREOF, the under Sloy Character Signature (SIGNATURE) (SIGNATURE)	execute all papers necessary in connecting which may be declared concerning amination thereof or Letters Patent or reference in every way possible in obtaining antigation, or other legal proceeding. Shoji AKIYAMA (TYPE NAME) Norihiro KOBAYASHI (TYPE NAME) Masaro TAMATSUKA	also to execute separate in necessary or expedient on with any interference this application or an assue patent issued thereod producing evidence and wither/their signature(s). Aug. 9, 2001 (DATE) Aug. 9, 2001 (DATE) Aug. 9, 2001 (DATE)
The ASSIGNOR agrees to e litigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit IN WITNESS WHEREOF, the under Shory (SIGNATURE) (SIGNATURE) (SIGNATURE) (SIGNATURE) (SIGNATURE) (SIGNATURE) (SIGNATURE)	execute all papers necessary in connecting which may be declared concerning amination thereof or Letters Patent or reference in every way possible in obtaining antigation, or other legal proceeding. Shoji AKIYAMA (TYPE NAME) Norihiro KOBAYASHI (TYPE NAME) Masaro TAMATSUKA (TYPE NAME) Takatoshi NAGOYA	also to execute separate in necessary or expedient on with any interference this application or any same patent issued thereof diproducing evidence and sher/their signature(s). Aug. 9, 2001 (DATE) Aug. 9, 2001 (DATE) Aug. 9, 2001 (DATE) Aug. 9, 2001 (DATE) Aug. 9, 2001
The ASSIGNOR agrees to e litigation, or other legal proceeding continuation, division, reissue or reex and to cooperate with the ASSIGNEI proceeding with such interference, lit IN WITNESS WHEREOF, the under Shore (SIGNATURE) (SIGNATURE) (SIGNATURE) Jakatoshi Magaya (SIGNATURE)	examination applications thereof and applications as the ASSIGNEE may deer execute all papers necessary in connecting which may be declared concerning the samination thereof or Letters Patent or reference in every way possible in obtaining and stigation, or other legal proceeding. Shoji AKIYAMA (TYPE NAME) Norihiro KOBAYASHI (TYPE NAME) Masaro TAMATSUKA (TYPE NAME) Takatoshi NAGOYA (TYPE NAME)	also to execute separate in necessary or expedient on with any interference this application or an assue patent issued thereof diproducing evidence and solution in the series of producing evidence and solution (DATE) Aug. 9, 2001 (DATE) Aug. 9, 2001 (DATE) Aug. 9, 2001 (DATE) Aug. 9, 2001 (DATE)

NO LEGALIZATION REQUIRED

RECORDED: 11/28/2001

(SIGNATURE)

[Insert ASSIGNEE's Name(s) Address(es)]

[Title of Invention]

completed]

[Signature(s)]

[*If the assignment is being filed after the filing of the application, this section must be

> **PATENT REEL: 012502 FRAME: 0974**