Form PTO-1595* 1-31-92



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VER SHEET

Our Ref.: 4578-14

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
1 Sumio KATOU 5	
2 6	1) Name: SHARP KABUSHIKI KAISHA
3	Street Address: 22-22 Nagaike-cho, Abeno-ku, Osaka-shi
4 8	City: Osaka
0	G + 1G + 7
	State/Country: Japan Zip: 545-8522
Additional name/s of conveying party/ies attached?	
3. Nature of conveyance:	2) Name
Assignment	Street Address:
Security Assignment Change of Name	City:
Other	State: Zip:
Execution Date: May 25, 2007	Additional name/s & address/es attached? Yes No
	s assignment is being filed together with a new application.
A. Patent Application No(s).	B. Patent No(s).
(1) To Be Assigned	
(2)	(2) (1) 792 348
(3)	
Additional numbers attached Yes No	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:1
concerning document should be mailed:	
	7. Total fee (37 CFR 3.41) \$ 40.00
Name: H. Warren Burnam, Jr.	
	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.	deficiency in the fee(s) filed, or asserted to be filed, or which
901 North Glebe Road	should have been filed herewith (or with any paper thereafter
11th Floor	filed in this application by this firm) to our Account No.
City: Arlington State: VA Zip: 22203	14-1140.
DO NOT USE THIS SPACE	
9. Statements and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy	
To the best of my knowledge and benef, the foregoing information is the and correct and any analysis of the best of my knowledge and benefit the foregoing information is the and correct and any analysis.	
of the original document.	
W. W. Briman Ir SAMMOOO	600000 June 1, 2007
	nature Date
Name of Person Signing Signature	
Reg. No. 29,366 Total number of pages including original cover sheet, attachments, and document: [3]	
By recorded (including cover sheet) should be faxed to (571) 273-0140 or mailed to REY1 98860159 11793048	
Documents to be recorded (including Springs Director of the USPTO P.O. Box 1450, Alexandria, VA 22313-1450)	
Mail Stop Assignment Recordation Services, Director of the OSF 10, 1.0. 251	

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PATENT REEL: 019417 FRAME: 0550

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ASSIGNMENT OF PATENT APPLICATION

(Inventor) **Sumio KATOU** In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to (Assignee) SHARP KABUSHIKI KAISHA (Address) of 22-22 Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, Japan 545-8522 (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of (Other in the invention, and all application(s) for patent and any Letters Patent which may Countries) be granted therefor, known as (Title) SEMICONDUCTOR DEVICE AND PRODUCTION METHOD THEREOF(Case No. 4578for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on or has already filed in U.S. appln. Serial No. The undersigned acknowledges an obligation of assignment of this invention to said

The undersigned agrees to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to 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.

assignee at the time the invention was made.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorizes and requests 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 full right to convey the entire interest herein assigned, and that he has not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the firm of NIXON & 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 ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the dates opposite the undersigned signatures.

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PATENT REEL: 019417 FRAME: 0551

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MAY, 25, 2007

SP167US

Signature of inventor

Sumio KATOU

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