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Substitute Form PTO-1595 Attorney Docket No.: 10417-007001 Client's Ref. No.: S21-119034M/HW

HEET

Name of conveying party(ies):	2. Name and address of receiving party(ies):
Nobuyuki Sekikawa, Koichi Hirata, Wataru Andoh, Noriyasu Katagiri and Additional name(s) attached? □ Yes IN No Nature of conveyance: IS Assignment I Merger I Security Agreement	SANYO ELECTRIC CO., LTD. 2-5-5, Keihanhondori Moriguchi-shi, Osaka JAPAN
EJ Change of Name EJ Other Execution Date: 11/17/1999	Additional names/addresses attached? 🛛 Yes 🗵 No
Application number(s) or patent number(s):	
	xecution date of the application is: 11/17/1999
<ul> <li>Application number(s) or patent number(s);</li> <li>If this document is being filed with a new application, the e</li> <li>A. Patent Application No(s).</li> </ul>	E: Patent No(s).: 09/1444520
It this document is being filed with a new application, the e A. Patent Application No(s).	$\alpha + \beta + $
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It this document is being filed with a new application, the e A. Patent Application No(s) Additional num Name/address of party to whom correspondence concerning document should be mailed: JOHN B. PEGRAM Fish & Richardson P.C.	B: Patent No(s).: O9/UUUE20 mbers attached? □ Yes ⊠ No G. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 ⊠ Enclosed

9. Statement 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 of the original document.

John B. Pegram 22 Reg. No. 25198 Signature Date Name of Person Signing Total number of pages including coversheet, attachments and documents 30003019 doc 12/01/1999 TTON11 00000169 09444820 01 FC:581 CERTIFICATE OF MAILING BY EXPRESS MAIL Express Mail Label No. 11E647183285US Thereby certify in der 37 CFR §1-10 that this correspondence is being deposited with the United States Postal Service as Express Mail Pos. Office to Addressee with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231. NOVEMBER 22,1 eter Consola NS OLI Typed Name of Person Signing Cer iffeate Signature PATENT REEL: 010403 FRAME: 0785

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to: SANYO ELECTRIC CO., LTD.

having the address: 2-5-5, Keihanhondori, Moriguchi-shi, Osaka, Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the Title:

SEMICONDUCTOR DEVICE HAVING CAPACITANCE ELEMENT AND METHOD OF PRODUCING THE SAME Attorney Docket No.

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.

## Filing Date:

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosection of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and 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.

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

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PATENT REEL: 010403 FRAME: 0786

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

The undersigned hereby grant(s) to the firm of Fish & Richardson 5. 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 State Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

N.S. 99/11/17 November 17, 1999 Date Nobyski Volugiski je kikawa Typed Name: Nobuyuki Sekikawa к.н. 99/11/17 November 17, 1999 Date Typed Name: Koichi Hirata November 17, 1999 Date Unitary Andoh Typed Name: Watary Andoh November 17, 1999 Date This assignment may be signed before a U.S. Notary Public or before at

least two witnesses who also sign here:

Date

Typed Name:

Date

Typed Name:

Page 2 of 2

**RECORDED: 11/22/1999**