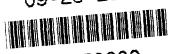
FORM PTO-1595



ET U.S. DEPARTMENT OF COMMERC

09/956944

	>
2001 Staas & Halsey LLP 10185999NLT	9
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents	~ .
Name of conveying party(ies):	3) Kazuaki KURIHARA
2. Name and Address of receiving party(ies): 09/2//0/	
FUJITSU LIMITED 1-1, Kamikodanaka, 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan	
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other:	
Execution Date(s): September 13, 2001 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application: (a) The execution date(s) of the application is/are: September 13, 2001 (b) The title is:CAPACITOR AND SEMICONDUCTOR DEVICE AND METHO THE SEMICONDUCTOR DEVICE OR	DD FOR FABRICATING
This document is being filed after filing of the application: (a) Patent Application No(s)/, filed; or (b) Patent No(s), issued	
5. Name and address of party to whom correspondence concerning document should STAAS & HALSEY LLP Our Docket: 1077.1011 Attention: James D. Halsey, Jr. 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001	d be mailed:
6. Total number of applications and patents involved:1	
7. Total fee (37 CFR 3.41) (\$ 40.00 per Assignment) X Enclosed Authorized to be charged to deposit account.	
 Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to (Attach duplicate copy of this page if paying by deposit account) 	o this Deposit Account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correctly copy is a true copy of the original document.	ect and any attached
1 40.00 DF James D. Halsey, Jr., Reg. No. 22,729 Name of Person Signing Signature Total number of pages in	
DO NOT USE THIS SPACE	

PATENT REEL: 012196 FRAME: 0515

1-1, Kamikodanaka	4-chome, Nakahara-ku, Kawasaki-shi,
Kanagawa 211-8588	Japan
(hereinafter, "ASSIGNEE"), the receipt of and transfers to ASSIGNEE the entire and	which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assign dexclusive right, title and interest to the invention entitled
	ICONDUCTOR DEVICE AND METHOD FOR FABRICATI
THE SEMICONDUCTOR	DEVICE
elating to international Patent Application tates was executed on even date herewi	PCT/JP/and/or for which application for Letters Patent of the United th or, if not so executed, was:
(a) executed on	; (Insert date of execution of application, if not concurrent)
b) filed on	
Serial No/;	Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.
tent(s)). The ASSIGNOR agree(s), when requeste	d by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE,
or all acts which the ASSIGNEE may distributed in the start of the sta	sem necessary, desirable or expedient, for securing, maintaining and enforcing preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding same, such acts to include but not be limited to executing all papers, including ing all rightful oaths, providing sworn testimony, and obtaining and producing
to all acts which the ASSIGNEE may distributed for said invention, including in the tent(s), in any interference, reissue, reexalich may arise or be declared in relation to trarate assignments and declarations, taked dence. IN WITNESS WHEREOF, the undersigned	preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding same, such acts to include but not be limited to executing all papers, including ing all rightful oaths, providing sworn testimony, and obtaining and producing inventor(s) has (have) affixed his/her/their signature(s).
the all acts which the ASSIGNEE may distribution for said invention, including in the sent(s), in any interference, reissue, reexaich may arise or be declared in relation to arate assignments and declarations, tak dence.	preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding same, such acts to include but not be limited to executing all papers, including ing all rightful oaths, providing sworn testimony, and obtaining and producing inventor(s) has (have) affixed his/her/their signature(s).
tection for said invention, including in the tent(s), in any interference, relssue, reexa ich may arise or be declared in relation to sarate assignments and declarations, tak dence. IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor(s.))	preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding is same, such acts to include but not be limited to executing all papers, including ing all rightful oaths, providing sworn testimony, and obtaining and producing in inventor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es))
tection for said invention, including in the tent(s), in any interference, relssue, reexa ich may arise or be declared in relation to sarate assignments and declarations, tak dence. IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor(s	preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding is same, such acts to include but not be limited to executing all papers, including ing all rightful oaths, providing sworn testimony, and obtaining and producing in the inventor(s) has (have) affixed his/her/their signature(s).
to all acts which the ASSIGNEE may distriction for said invention, including in the tent(s), in any interference, reissue, reexalich may arise or be declared in relation to parate assignments and declarations, taked dence. IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventoris Tukeshi Shioga	preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding is same, such acts to include but not be limited to executing all papers, including ing all rightful oaths, providing sworn testimony, and obtaining and producing dinventor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es)) September 13, 2001 — youke Watanake Yasuko Watanabe
or all acts which the ASSIGNEE may distriction for said invention, including in the tent(s), in any interference, reissue, reexauch may arise or be declared in relation to parate assignments and declarations, taked dence. IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventoris) Takeshi Shioga	preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding is same, such acts to include but not be limited to executing all papers, including ing all rightful oaths, providing sworn testimony, and obtaining and producing inventor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es)) September 13, 2001 - January Watanake
Do all acts which the ASSIGNEE may distection for said invention, including in the tent(s), in any interference, reissue, reexalich may arise or be declared in relation to parate assignments and declarations, takedence. IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventoris) Takeshi Shioga Takeshi Shioga Laguahi Karasawa Kazuaki Karasawa	preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding is same, such acts to include but not be limited to executing all papers, including ing all rightful oaths, providing sworn testimony, and obtaining and producing dinventor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es)) September 13, 2001 yasuko Watanabe September 13, 2001 yasuko Watanabe Yasuko Watanabe
ob all acts which the ASSIGNEE may distection for said invention, including in the tent(s), in any interference, reissue, reexauch may arise or be declared in relation to parate assignments and declarations, taked dence. IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor/s Takeshi Shioga Takeshi Shioga Laguahi Karasawa Kazuaki Karasawa	preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding is same, such acts to include but not be limited to executing all papers, including ing all rightful oaths, providing sworn testimony, and obtaining and producing dinventor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es)) September 13, 2001 - youke (Vatanake) Yasuko Watanabe
ob all acts which the ASSIGNEE may distection for said invention, including in the tent(s), in any interference, reissue, reexauch may arise or be declared in relation to parate assignments and declarations, taked dence. IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor/s Takeshi Shioga Takeshi Shioga Laguahi Karasawa Kazuaki Karasawa	preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding is same, such acts to include but not be limited to executing all papers, including ing all rightful oaths, providing sworn testimony, and obtaining and producing dinventor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es)) September 13, 2001 yasuko Watanabe Yasuko Watanabe
intection for said invention, including in the tent(s), in any interference, reissue, reexaulich may arise or be declared in relation to parate assignments and declarations, takedence. IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventoris) Takeshi Shioga Takeshi Shioga Kazuaki Karasawa Muyuahi Karasawa Kazuaki Karasawa Kazuaki Kurihara	preparation and prosecution of said application(s) and the Issuance of said Letters mination, or public use proceeding, and in any litigation or other legal proceeding is same, such acts to include but not be limited to executing all papers, Including ling all rightful oaths, providing sworn testimony, and obtaining and producing dinventor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es)) September 13, 2001 years a Watanabe September 13, 2001 years was Watanabe September 13, 2001 years (Latanabe Yasuko Watanabe) September 13, 2001 years (Latanabe Yasuko Watanabe) Yasuko Watanabe

RECORDED: 09/21/2001

PATENT REEL: 012196 FRAME: 0516