12-17-2002 Form PTO-1595 U.S. Department of Commerce RECORDATION FORI Patents & Trademark Office Attorney Docket No. 107337-00027 Date: December 12, 2002 102312874 To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof Name of conveying parties Name and address of receiving party(ies); Chikara TSUCHIYA Name: FUJITSU LIMITED 2. Kimitoshi NIRATSUKA Eiji NISHIMORI Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku 3. 4. Katsuyoshi OTSU Kawasaki-shi, Kanagawa 211-8588 Japan Additional name(s) of conveying party(ies) attached? Additional name(s) & address(es) attached? Yes ☑ No ☐ Yes ☑ No 3. Nature of conveyance: ☐ Merger Security Agreement ☐ Change of Name ☐ Other **Execution Dates:** November 19, 2002 November 25, 2002 2. 3. November 19, 2002 August 27, 2002 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: November 19, 2002 November 25, 2002 2. 3. November 19, 2002 August 27, 2002 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?

Yes 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: document should be mailed: 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 12/13/2002 SDENBOB1 00000019 10316901 8. Deposit account number: 01-2300 02 FC:8021 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any altached copy is a true

copy of the original document.

Name of Person Signing

Charles M. Marmelstein

Reg. No. 25,895

CMM/jch

Total number of pages including cover sheet, attachments, and document: 2

December 12, 2002

Date

Docket No.		

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert **FUJITSU LIMITED** ASSIGNEE's 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan Name(s) Address(es)] (hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled BIPOLAR SUPPLY VOLTAGE GENERATOR AND SEMICONDUCTOR DEVICE FOR SAME [Title of Invention for which application for Letters Patent of the United States was executed on even date herewith unless [*If the assignment otherwise indicated below: is being filed after the filing of the , Serial No. application, this *filed on section must be completed] (Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Chikara TSUCHIYA [Signature(s) of Assignor(s)] (TYPE NAME) Kimitoshi NIRATSUKA (TYPE NAME) Uov.19. Dou2 Eiji NISHIMORI (TYPE NAME) (DATE) Katsuyoshi OTSU (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE)

PATENT RECORDED: 12/12/2002 REEL: 013569 FRAME: 0970