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U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. P108391-00005

Date: March 30, 2000

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Reg. No. 25,895

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copy thereof 1. Name of conveying party(ies) 2. Name and address of receiving party(ies): Yuji SEGAWA; Masaru OTSUKA; Osamu KIKUCHI; Akira HAGA; Name: FUJITSU LIMITED and Yoshinori YOSHIKAWA Address: 1-1, Kamikodanaka 4-chome Additional name(s) of conveying party(ies) attached? Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan xx No _ Yes 3. Nature of conveyance: Additional name(s) & address(es) attached? xx Assignment Merger Security Agreement _ Change of Name _ Yes xx No Other Execution Date: March 10, 2000 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: March 10, 2000 A. Patent Application No.(s) B. Patent No.(s) New Application Additional numbers attached? _ Yes xx No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: document should be mailed: 7. Total fee (37 CFR 3.41)....... \$ 40.00 Name: Arent Fox Kintner Plotkin & Kahn, PLLC XX Included in attached Check # 255647 Street Address: 1050 Connecticut Avenue, N.W., Suite 600 XX Any additional fees are authorized to be charged Washington, D.C. 20036-5339 to Deposit Account 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. Charles M. Marmelstein March 30, 2000 Name of Person Signing Signature Date

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

PATENT REEL: 010665 FRAME: 0133

Docket	No.		
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 FUJITSU LIMITED 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan (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 COMPARATOR AND VOLTAGE CONTROLLED OSCILLATOR CIRCUIT for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below: _____, Serial No. _____ (Nikaido, Marmelstein, Murray & Oram is hereby authorized to insert the serial 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). yux Legaira Yuji SEGAWA Mar. 10, 2000
(SIGNATURE) (TYPE NAME) (DATE)

(SIGNATURE) (TYPE NAME) (DATE) Osamu Hikuchi Osamu KIKUCHI
(TYPE NAME) Mar. 10, 2000 (SIGNATURE) (TYPE NAME) (DATE) Africa Hager Akira HAGA Mar. 10, 2000 (TYPE NAME) (DATE) Yoshinori YOSHIKAWA Mar. 10, 2000 oskinou Joskikawa (SIGNATURE) (TYPE NAME) (DATE) (SIGNATURE) (TYPE NAME) (DATE)

NO LEGALIZATION REQUIRED

(SIGNATURE)

PATENT REEL: 010665 FRAME: 0134

(DATE)

(TYPE NAME)

RECORDED: 03/30/2000

[Insert

ASSIGNEE's Name(s)

Address(es)]

(Title of Invention]

after the filing of the application, this

[*If the assignment is being filed

section must be

[Signature(s)]

completed]