Form PTO-1595 U.S. Department of Commerce RECORDATION FORM COVER SHEET PAT 12-13-2002 Patents & Trademark Office Attorney Docket No. 100698-00012 Date: December 10, 2002 Please record the attached original documents or copy thereof 1. Name of conveying party(ies) 2. Name and address of receiving party(ies): Antony SOU Name: FUJITSU LIMITED Additional name(s) of conveying party(ies) attached? Address: 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi, No No ☐ Yes Kanagawa 211-8588, Japan Additional name(s) & address(es) attached? 3. Nature of conveyance: ☐ Yes ☑ No Merger ☐ Security Agreement ☐ Change of Name Other Execution Date: November 14, 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 14, 2002 10315088 A. Patent Application No.(s) B. Patent No.(s) New Application 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 Included in Check # 35/29a. Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339 Any additional fees are authorized to be charged to deposit account 12/11/2002 JBALINAN 00000045 10315088 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by

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deposit account)

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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

Name of Person Signing Reg. No. 25,895

December 10, 2002

Date

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

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC

Nikaido, Marmelstein, Murray & Oram Intellectual Property Group

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 inventors (hereinafter ASSIGNOR) by:

FUJITSU LIMITED

(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:

CLOCK RECOVERY CIRCUITRY

for which application for Letters Patent of the United S	States was filed on,
and assigned Serial No.	_ (Arent Fox Kintner Plotkin & Kahn, PLLC
is hereby authorized to insert the series code, serial nur	mber and/or filing date hereon, when known)
and all Letters Patent of the United States to be o	btained therefor on said application or any
continuation, division, renewal, substitute, reissue or re	examination 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 inventors have affixed their signatures.

Antony SOU	Mon	14-NOV-2002
	(SIGNATURE)	(DATE)

NO LEGALIZATION REQUIRED

RECORDED: 12/10/2002

PATENT REEL: 013560 FRAME; 0712