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Execution Date
Month Day Year
6/16/2000Name (line 1) Arshad Madni

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() If document to be recorded is
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Name (line 2)

Address (line 1) Cheney Manor

Address (line 2)

Address (line 3)

Swindon,
cityWiltshire/United Kingdom
State/CountrySN2 2QW
Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

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Correspondent Name and Address

Area Code and Telephone Number 212-697-3750Name Alan IsraelAddress (line 1) Kirschstein, Ottinger, Israel & Schiffmiller, P.C.Address (line 2) 489 Fifth AvenueAddress (line 3) New York, NY 10017-6105

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Patent Application Number(s)

09/590,330

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

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1

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*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. Charges to deposit account are authorized, as indicated herein.*Alan Israel

Name of Person Signing

Signature

July 17, 2000

Date

United States of America
ASSIGNMENT

WHEREAS,
Inventor(s) hereinafter
referred to as ASSIGNOR(s)

- (1) Arshad Madni, 30 Furlong Close, Haydon Wick, Swindon, Wilts SN2 3QP
(2) _____
(3) _____
(4) _____
(5) _____
(6) _____

has/have invented certain new and useful improvements entitled:-

Variable Transconductance Amplifier

for which invention application for Letters Patent of the United States of America (a) is about to be made; (b) has been made on JUNE 8, 2000 under Serial No. 09/590,330

AND WHEREAS

Mitel Semiconductor Limited, Cheney Manor, Swindon, Wilts SN2 2QW

(herein referred to as ASSIGNEE(s)) is/are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;

NOW THEREFORE, be it known by all whom it may concern, that in consideration of the payment by ASSIGNEE(s) to ASSIGNOR(s) of the sum of ONE DOLLAR (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(s) hereby sells, assigns and transfers to ASSIGNEE(s) for the territory of the United States of America, and not elsewhere, the full and exclusive right, title and interest to the said invention, as fully set forth and described in the specification, prepared and executed by ASSIGNOR(s) on 16th day of JUNE 192000 preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the ASSIGNEE(s) to the full end of the term for which said Letters Patent is granted, as fully and entirely as the same would have been held by ASSIGNOR(s) had this assignment and sale not been made.

In witness whereof, executed by the undersigned this 16th day of JUNE 19 2000

WITNESSES:

L.R. Trokel

INVENTOR(S):

- (1) Arshad Madni
(2) _____
(3) _____
(4) _____
(5) _____
(6) _____