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Name (line 1) Nicholas Paul COWLEY

Name (line 2)

Execution Date Month Day Year 9/21/2000

Second Party Name (line 1)

Name (line 2)

Execution Date Month Day Year

Receiving Party

() Mark if additional names of receiving parties attached

Name (line 1) Mitel Semiconductor Limited

Name (line 2)

Address (line 1) Cheney Manor

Address (line 2)

Address (line 3) Swindon, city

Wiltshire/United Kingdom State/Country

SN2 2QW Zip Code

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PATENT

REEL: 011220 FRAME: 0104

Correspondent Name and Address Area Code and Telephone Number 212-697-3750
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Application Number(s) or Patent Number(s) () Mark if additional numbers attached
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Patent Application Number(s)	Patent Number(s)
09/658,745	

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

Patent Cooperation Treat (PCT)

Enter PCT application number <u>only</u> if a U.S. Application Number has not been assigned.	PCT	PCT	PCT
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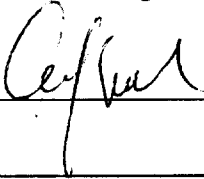
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Alan Israel
Name of Person Signing


Signature

October 31, 2000
Date

ASSIGNMENT OF PATENT APPLICATION

We, the undersigned have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto (Name of Company/Organization) Mitel Semiconductor Limited located at Cheney Manor, Swindon, Wiltshire SN2 2QW a company/organization organized under the laws of [The United Kingdom] as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, in and to the United States Patent (Serial) No. 09/658,745 (filed) (issued) 09/11/2000, for improvements invented (by me) in or relating to [Title] Frequency Converter and Radio Frequency Tuner described in an application for Letters Patent of the United States, identified as Attorney Docket No. P/50609 at Kirschstein, Ottinger, Israel & Schiffmiller, P.C., 489 Fifth Avenue, New York, NY 10017-6105, and filed on 09/11/2000, as Application Serial No. 09/658,745, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.


We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize Alan Israel, attorney for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our name on the day and year set forth below.

Signature 
NICHOLAS P. COWLEY

Date 2/9/00

Signature _____

Date _____