

07-18-2000

6.20.00



101406764

RECORDATION FORM COVERSHEET

PATENTS

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof:

1. Name and address of conveying party:

Mitel Corporation,  
a Corporation under the laws of Canada  
350 Legget Drive  
P.O. Box 13089  
Kanata, Ontario K2K 1X3  
Canada

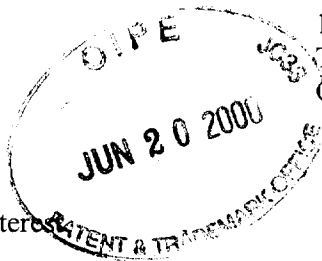
2. Name and address of receiving party:

Canadian Imperial Bank of Commerce,  
as Secured Party  
Commerce Court West  
199 Bay Street  
Toronto, Ontario M5L 1A2  
Canada

3. Nature of conveyance:

Grant of Patent Security Interest

Execution Date: March 31, 2000



4. Application numbers and patent numbers:

A. Patent Application Nos.

60/162,763; 09/453,147; 09/466,098; 09/471,362;  
09/478,646

B. Patent Registration Nos.

5,987,117; 6,018,571

5. Name and address of party to whom correspondence concerning document should be mailed:

Nadia Burgard, Esq.  
O'Melveny & Myers LLP  
555 13<sup>th</sup> Street, N.W.  
Suite 500 West  
Washington D.C. 20004-1109

6. Total number of applications and registrations involved:

7

7. Total fee:

\$280.00 (Enclosed)

8. Deposit Account Number:

N/A

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 documents.

Nadia Burgard  
Name of Person Signing

Signature

Date

6/20/00

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET: 3

07/17/2000 MTHAI1 00000156 60162763

01 FC:581

280.00 DP

NY1:750996.1

PATENT  
REEL: 010909 FRAME: 0566

## COMPANY PATENT AND TRADEMARK

### SECURITY AGREEMENT SUPPLEMENT

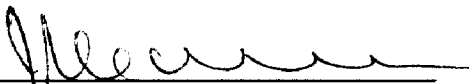
This COMPANY PATENT AND TRADEMARK SECURITY AGREEMENT SUPPLEMENT, dated as of March 31, 2000 is delivered pursuant to sections 6(d) and 6(e) of that certain Company Patent and Trademark Security Agreement (U.S.), dated as of February 12, 1998 (as it may be from time to time amended, modified or supplemented, the "**Security Agreement**"), by and among Mitel Corporation, as Grantor, and Canadian Imperial Bank of Commerce, as Secured Party. Capitalized terms used herein not otherwise defined herein shall have the meanings ascribed thereto in the Security Agreement.

Subject to the terms and conditions of the Security Agreement, Grantor hereby grants to Secured Party a security interest in all of Grantor's right, title and interest in and to the Collateral listed on Supplemental Schedules I and II attached hereto, in each case whether now or hereafter existing or in which Grantor now has or hereafter acquires an interest and wherever the same may be located. All such Collateral shall be deemed to be part of the Collateral and hereafter subject to each of the terms and conditions of the Security Agreement.

IN WITNESS WHEREOF, Grantor has caused this Supplement to be duly executed and delivered by its duly authorized officer as of March 31, 2000.

#### MITEL CORPORATION

By:

  
Jean-Jacques Carrier  
Senior Vice President Finance and  
Chief Financial Officer

**SUPPLEMENTAL SCHEDULE I  
TO  
COMPANY PATENT AND TRADE MARK SECURITY AGREEMENT (U.S.)**

**U.S. TRADE MARK REGISTRATIONS**

<b><u>DESCRIPTION</u></b>	<b><u>REGISTRATION NO.</u></b>	<b><u>REGISTRATION DATE</u></b>
MITEL SEMICONDUCTOR & Design	2,310,702 (Classes 9 & 16)	01/25/2000 (Classes 9 & 16)
	2,320,382 (Classes 40 & 42)	02/22/2000 (Classes 40 & 42)

All of the above were issued in the name of Mitel Corporation.

ISSUED PATENTS

<u>Patent No.</u>	<u>Description</u>	<u>Inventors</u>	<u>Date Issued</u>
5,987,117	Method of Dynamic Load Sharing	McNeil et al	Nov 16/99
6,018,571	System for Interactive Control of a Computer	Couse et al	Jan 25/00

PENDING APPLICATIONS

<u>Application No.</u>	<u>Description</u>	<u>Inventors</u>	<u>Date Filed</u>
60/162,763	CCD Wafers with Titanium Refactory Metal	Groulx et al	Nov 01/99
09/453,147	Improved Method of Operating a Full Duplex Speakerphone Echo Cancellor	Popovic et al	Dec 02/99
09/466,098	Apparatus for Estimating Jitter in RTP Encapsulated Voice Packets Received Over a Data Network	Wood	Dec 17/99
09/471,362	Bit Error Rate Tester	Routliffe et al	Dec 23/99
09/478,646	Combination Connector and Microphone	Gancarcik	Jan 06/00