
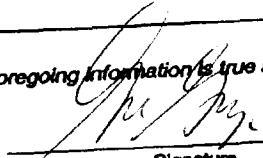


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FORM PTO-1595 (Rev. 8-93) R OMB No. 0651-0011 (exp. 4/94)		01-05-2001 		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Tab settings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		101572293		original documents or copy thereof.	
To the Honorable Commissioner of					
1. Name of conveying party(ies): <u>Gary Qu Jin</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>Mitel Corporation</u> Internal Address: <u>Kanata, Ontario, Canada</u> Street Address: <u>350 Legget Drive</u> City: <u>Kanata</u> State: <u>ON</u> ZIP: <u>K2K 2W7</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: _____					
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: _____ A. Patent Application No.(s) <u>09/739979</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Marks & Clerk</u> Internal Address: <u>P.O. Box 957</u> <u>Station B</u> Street Address: <u>Suite 1380</u> <u>280 Slater Street</u> City: <u>OTTAWA</u> State: <u>ONT</u> ZIP: <u>K1P 1C2</u>		6. Total number of applications and patents involved: <input type="text" value="1"/> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>13-1717</u> (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. <u>George M. MacGregor</u> Name of Person Signing  Signature <u>Dec 19, 2000</u> Date Total number of pages including cover sheet, attachments, and document: <input type="text"/>					

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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(July 1994)

ASSIGNMENT

WHEREAS, **Gary Qu Jin, residing 51 Liston Crescent, Kanata, Ontario, K2L 2W3, Canada, at respectively,** have invented improvements in, **DMT BIT ALLOCATION WITH IMPERFECT TEQ**, for which an application for United States Letters Patent has been executed by us on even date hereon

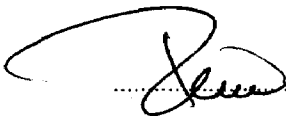

WHEREAS, *MITEL CORPORATION*, whose full post office address is 350 Legget Drive, Kanata, Ontario, K2K 2W7, Canada, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries, in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for themselves and their legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interference or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid for by said assignee.

Signed at Kanata this 15 day of Dec. 2000


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Gary Qu Jin

 
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(Witness)