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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.				
<ol> <li>Name of conveying party(ies):</li> <li>Edward Peter Gancarcik;</li> <li>Peter Mathieson Craig</li> </ol>	Name and address of receiving party(ies)  Name: Mitel Knowledge Corporation  O				
Additional name(s) of conveying party(ies) attached? □ Yes XXNo	Internal Address:				
3. Nature of conveyance:	9/86 U.				
<b>⊠</b> KAssignment □ Merger	Street Address: 350 Legget Drive				
☐ Security Agreement ☐ Change of Name	Kanata, Ontario, CANADA K2K 2W7				
□ Other	City: State: ZIP:				
Execution Date: April 24, 2001	Additional name(s) & address(es) attached?   Yes   No				
4. Application number(s) or patent number(s):					
	n, the execution date of the application is: July 25, 2000				
A. Patent Application No.(s) 09 86 1207	B. Patent No.(s)				
Additional numbers attached? □ Yes 🖔 No					
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: David B. Cochran, Esq.	7. Total fee (37 CFR 3.41)\$ 40.00				
Jones, Day, Reavis & Pogue Internal Address:	☐ Enclosed				
	Authorized to be charged to deposit account				
Street Address: North Point	8. Deposit account number:				
901 Lakeside Avenue	501432				
City: Cleveland State: OH ZIP: 44114	(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.  Deborah A. Satoran  Deborah A. Satoran  5-18-2001					
Name of Person Signing	Signature 3				
Total number of pages including	cover sheet, attachments, and document:				

## T-800 P.02/03 F-200 # 462.

## WORLDWIDE ASSIGNMENT

WHEREAS, WE, Edward Peter GANCARCIK and Peter Mathieson CRAIG, residing at, respectively, 65 Elliot Avenue, Ottawa, Ontario, K1S 0M3 Canada and 7 Naismith Crescent, Kanata, Ontario, K2L 2K7, Canada has/have invented certain new and useful improvements in an invention entitled COMBINATION VISIBLE AND INFRARED PIPE for which an application for United States Letters Paient will be filed; and

WHEREAS, MITEL KNOWLEDGE CORPORATION, a company organized and existing under the laws Canada, having a place of business at 350 Legget Drive, Kanata, Ontario, K2K 2W7, Canada, is desirous of acquiring the full and exclusive right, ritle and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions:

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, WF do hereby sell, assign, transfer, and set over unto the said MITEL KNOWLEDGE CORPORATION, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the invention therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the said MITEL KNOWLEDGE CORPORATION for its own use and behoof, and for the use and

behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made:

AND WE hereby agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the said MITEL KNOWLEDGE CORPORATION, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all

> **PATENT** REEL: 011829 FRAME: 0250

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reissues of the Letters Patent granted upon said application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said invention; and WE further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of said MITEL KNOWLEDGE CORPORATION, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND WE hereby authorize and request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the said MITEL KNOWLEDGE CORPORATION, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

this 24 day of APRIL 2001.

Edward Peter GANCARCIA

Witness:

Craig Peter MATHIESON

Wimess:

RECORDED: 05/18/2001

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