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Docket No.: RIC97094

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101952422 PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies): John A. Fee Frank A. McKiel, Jr. Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies) Name: WorldCom, Inc. Internal Address:

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: 10/30/2001; 12/27/2001

Street Address: 500 Clinton Center Drive City: Clinton State: MS Zip: 39056 Additional name(s) & address(es) attached? Yes No

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: 12/27/2001 A. Patent Application No.(s) 10040226

B. Patent No.(s) Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Paul Roberts Internal Address: 9854/003, 10th Floor Street Address: WorldCom, Inc. 1133 19th Street NW City: Washington State: DC Zip: 20036

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 13-2491 (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. FRANK MCKIEL, JR. Signature Date 12/27/01

Total number of pages including cover sheet, attachments, and documents: 2

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

01/17/2002 AHMED1 00000010 132491 10040226 01 FC:581 40.00 CH

Vertical stamp: 101952422 01/03/02

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, do hereby sell, assign, and transfer to: WORLDCOM, Inc., a corporation of Georgia, having offices at 500 Clinton Center Drive, Clinton, MS 39056, ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are described in the application for United States Letters Patents,

- Which has been executed by the undersigned concurrently herewith,
- Which was filed on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_

and is entitled:

**VERIFICATION OF PATH INTEGRITY IN OPTICAL SWITCH NETWORK**

and in to said application and all divisional, continuing, substitute, renewal, reissue, and all other application for Letters Patents which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries on said improvements, and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Signature: John A. Fee Date: 10/30/01  
 John A. Fee

Signature: Frank A. McKiel, Jr. Date: 12/27/01  
 Frank A. McKiel, Jr.