



RECORDATION FORM COVER SHEET
PATENTS

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To the Assistant Commissioner of Patents: Please record the attached original document or copy thereof.

1. Submission Type: *M(21)*
 New *4.16.01*

2. Conveyance Type:
 Assignment

3. Conveying Parties:
 (1) Thomas, Howard Lee

4. Execution Date
 12222000

5. Receiving Party:
 WORLDCOM, Inc.
 515 East Amite Street
 Jackson, MS 39201

6. Application Number/Patent Number:
 Patent Application Number: 09/723,501 filed on November 28, 2000
 Patent Number: _____
 New Application: execution date of application
 by first-named inventor:

7. Correspondent Name and Address:
 Andrew J. Dillon, Esq.
 BRACEWELL & PATTERSON, L.L.P.
 Suite 350
 7600B N. Capital of Texas Hwy.
 Austin, TX 78731
 Tel.: (512) 343-6116

8. Number of Properties: One (1)
 Fee Amount (37 CFR 3.41) \$40.00
 Check enclosed
 Authorization to charge additional fees to Deposit Account No. 50-0259

DO NOT USE THIS SPACE

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.

Mary Ann Healey *Mary Ann Healey* *10 April 2001*
 Name of Person Signing For: BRACEWELL & PATTERSON, L.L.P. Date

(04/25/2001 GTON11 00000327 09723501
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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 515 East Amite Street, Jackson, MS 39201, ("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 **November 28, 2000** and assigned Serial No. **09/723,501**

and is entitled:

External Processor For A Distributed Network Access System

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: _____ Date: _____

Dave McDysan

Signature: _____ Date: 12/22/00

Howard Lee Thomas

Signature: _____ Date: _____

Lei Yao