

02-18-2000



101271038

Docket No: COS-98-021

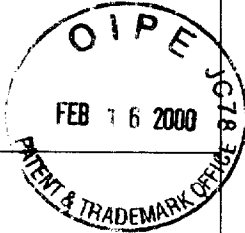
RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

1. Name of conveying party(ies):
Ajay P. Deo, Andrew Dugan,
Kelvin R. Porter, Terence A. Robb



2. Name and address of receiving party(ies):

Name: MCI WorldCom, Inc.
Address: 515 East Amite Street

City: Jackson
Country: U.S.A.

State: MS
ZIP: 39201

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 2/2/00, 2/3/00, 2/4/00

Additional name(s) & address(es) ☐ yes ☒ no

4. Application number(s) or registration number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.
09/421,590

Filing Date
10/20/99

B. Patent No.(s)

Additional numbers ☐ yes ☒ no

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

Name: Albert M. Crowder, Jr.
Registration No.: 28,063
Address: MCI Communications Corp
Law & Public Policy, Technology Law Dept
1133 19th Street, NW
City: Washington State: D.C.
Country: U.S.A. ZIP: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

- ☐ Enclosed – Any excess or insufficiency credited or debited to deposit account
☐ Authorized to be charged to deposit account

8. Deposit account number: 13-2491

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.

Albert M. Crowder, Jr.
Name of person signing

Albert M. Crowder, Jr.
signature

2-11-00
date

Total number of pages including cover sheet, attachments, and document: 4

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, do hereby sell, assign, and transfer to: MCI 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 10/20/99 and assigned Serial No. 09/421,590

and is entitled:

**Method and Apparatus for Deploying Service Modules Among Service Nodes
Distributed in an Intelligent 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: X *Ajay P. Den*
Ajay P. Den

Date: 2/4/2000

Signature: _____
Andrew Dugan

Date: _____

Signature: _____
Allen Holmes

Date: _____

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, do hereby sell, assign, and transfer to: MCI 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,

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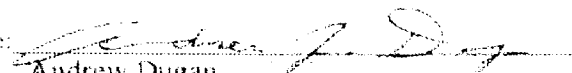
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and in to said application and all divisional, continuing, substitute, renewal, reissue, and all other application for Letters Patents which have been or shall be filed in the United States and all foreign countries on any of said improvements; and 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

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Signature: _____ Date: _____
Ajay P. Deo

Signature:  Date: 2/4/00
Andrew Dugan

Signature: _____ Date: _____
Allen Holmes

Page 2

Signature: Kelvin R. Porter
Kelvin R. Porter

Date: February 3, 2000

Signature: T A R
Terence A. Robb

Date: 2/2/00

Signature: _____

Date: _____

EXHIBIT A-1

ASSIGNMENT

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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

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Signature: X *Ajay P. Den*

Ajay P. Den

Date: 2/4/2000

Signature: _____

Andrew Dugan

Date: _____

Signature: _____

Allen Holmes

Date: _____

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Signature: _____
Ajay P. Deo

Date: _____

Signature: _____
Andrew Dugan

Date: 2/4/00

Signature: _____
Allen Holmes

Date: _____

Page 2

Signature:

Kelvin R. Porter
Kelvin R. Porter

Date:

February 3, 2000

Signature:

Terence A. Robb
Terence A. Robb

Date:

2/2/00

Signature:

Date: