

Docket No: COS-98-004

ΈT

J.S. DEPARTMENT OF COMMERCE

1011	13844 Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original or copy thereof.		
Name of conveying party(ies):     Charles Combs, David Pedersen, David Schear      8 - 3 - 9 9	2. Name and address of receiving party(ies):  Name: MCI WorldCom, Inc. Address: 515 East Amite Street  City: Jackson Country: U.S.A.  ZIP: 39201	
3. Nature of conveyance:  ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other  Execution Date: 6/13/99,6/22/99,7/9/99_	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: 6/13/99, 6/22/99, 7/9/99  Patent Application No. Filing Date  B. Patent No.(s) 09/365635		
Additional numbers □ yes ■ no		
Name and address of party to whom correspondence concerning documents should be mailed:	6. Total number of applications and patents involved: 1	
Name: Albert M. Crowder, Jr. Registration No.: 28,063 Address: MCI Communications Corp  Law & Public Policy, Technology Law Dept 1133 19 <sup>th</sup> Street, NW City: Washington State: D.C. Country: U.S.A. ZIP: 20036	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 U	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  Total number of pages including cover sheet, attachments, and document:  4		

08/09/1999 NTHAI1 00000321 132491 09365635

01 FC:581

40.00 CH

1

Patent Docket No.: COS-98-004

## **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,

any and all improvements which are described in the applicatio	n for United States Letters Patents,
<ul><li></li></ul>	
METHOD AND SYSTEM FOR CONTENTION CO DISTRIBUTED NETWORK-BASED RESOURCE ALLOCA	
and in to said application and all divisional, continuing, application for Letters Patents which have been or shall be countries on any of said improvements; and in and to all origin shall be issued in the United States and foreign countries on sa priority resulting from the filing of said United States application	filed in the United States and all foreign nal and reissued patents which have been or aid improvements, and in and to all rights of
Agree that said Assignee may apply for and receive Letters Pathat, when requested, without charge to, but at the expense of legal representatives, to carry out in good faith the intent and pathal execute all divisional, continuing, substitute, renewal, reis and all said improvements; execute all rightful oaths, assigns communicate to said Assignee, its successors, assigns, and reprelating to said improvements and the history thereof; and gas Assignee, its successors, assigns or representatives shall commaintaining proper patent protection for said improvements and all applications for patents and all patents on said improvement and legal representatives; and	f, said Assignee, its successors, assigns and burpose of this Assignment, the undersigned issue, and all other patent application on any nents, powers of attorney and other papers; resentatives, all facts known to undersigned enerally do everything possible which said insider desirable for aiding in securing and d for vesting title to said improvements and
Covenant with said Assignee, its successors, assigns and legar mortgage, license, or other agreement affecting the rights and others by the undersigned, and that full right to convey the satundersigned.	property herein conveyed has been made to
Signature: Charles Combs	Date: 6/22/99
Signature:	Date:
Jeffrey Gold Signature:	Date:
Brian Mair	
Signature:	Date:
17aviu i cuciocii	

Signature:\_

David Schear

17

PATENT REEL: 010149 FRAME: 0584

Date:

Patent Docket No.: COS-98-004

## **ASSIGNMENT**

For good and valuable consideration, the receipt of which is he do hereby sell, assign, and transfer to: MCI WORLDCOM, I at 515 East Amite Street, Jackson, MS 39201, ("Assigner representatives, the entire right, title and interest for the United any and all improvements which are described in the application."	nc., a corporation of Georgia, having offices gnee"), its successors, assigns and legal ed States and all foreign countries, in and to
Which has been executed by the undersigned Stand is entitled:	
METHOD AND SYSTEM FOR CONTENTION CODISTRIBUTED NETWORK-BASED RESOURCE ALLOCA	ONTROLLED DATA EXCHANGE IN TION
and in to said application and all divisional, continuing, application for Letters Patents which have been or shall be countries on any of said improvements; and in and to all original shall be issued in the United States and foreign countries on spriority resulting from the filing of said United States applications.	e filed in the United States and all foreign inal and reissued patents which have been or aid improvements, and in and to all rights of
Agree that said Assignee may apply for and receive Letters P that, when requested, without charge to, but at the expense of legal representatives, to carry out in good faith the intent and will execute all divisional, continuing, substitute, renewal, reand all said improvements; execute all rightful oaths, assign communicate to said Assignee, its successors, assigns, and regretating to said improvements and the history thereof; and a Assignee, its successors, assigns or representatives shall commintaining proper patent protection for said improvements a all applications for patents and all patents on said improvement and legal representatives; and	of, said Assignee, its successors, assigns and purpose of this Assignment, the undersigned issue, and all other patent application on any ments, powers of attorney and other papers presentatives, all facts known to undersigned generally do everything possible which said onsider desirable for aiding in securing and and for vesting title to said improvements and
Covenant with said Assignee, its successors, assigns and leg mortgage, license, or other agreement affecting the rights and others by the undersigned, and that full right to convey the sundersigned.	I property herein conveyed has been made to
Signature:	Date:
Charles Combs Signature:	Date:
Jeffrey Gold Signature:	Date:
Brian Mair	

Date:

Date: June 13, 1989

David Pedersen

David Schear

Signature:

Signature:\_

Patent Docket No.: COS-98-004

## **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,		

any and all improvements which are described in the application	
Which has been executed by the undersigned Stand is entitled:	
METHOD AND SYSTEM FOR CONTENTION CO	ONTROLLED DATA EXCHANGE IN
DISTRIBUTED NETWORK-BASED RESOURCE ALLOCA	
and in to said application and all divisional, continuing, application for Letters Patents which have been or shall be countries on any of said improvements; and in and to all original be issued in the United States and foreign countries on spriority resulting from the filing of said United States application.	e filed in the United States and all foreign inal and reissued patents which have been or aid improvements, and in and to all rights of
Agree that said Assignee may apply for and receive Letters P. that, when requested, without charge to, but at the expense of legal representatives, to carry out in good faith the intent and will execute all divisional, continuing, substitute, renewal, reand all said improvements; execute all rightful oaths, assign communicate to said Assignee, its successors, assigns, and rerelating to said improvements and the history thereof; and assignee, its successors, assigns or representatives shall commintaining proper patent protection for said improvements all applications for patents and all patents on said improvement and legal representatives; and	of, said Assignee, its successors, assigns and purpose of this Assignment, the undersigned issue, and all other patent application on any ments, powers of attorney and other papers; presentatives, all facts known to undersigned generally do everything possible which said onsider desirable for aiding in securing and nd for vesting title to said improvements and
Covenant with said Assignee, its successors, assigns and leg mortgage, license, or other agreement affecting the rights and others by the undersigned, and that full right to convey the s undersigned.	I property herein conveyed has been made to
Signature:	Date:
Charles Combs Signature:	Date:
Jeffrey Gold	_
Signature: Brian Mair	Date:
Signature: Warrout educe	Date: 7/9/1999
David Pedersen	

PATENT REEL: 010149 FRAME: 0586

Date:

David Schear

Signature:\_