

03-27-2002



ocket No.: COS99063

U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01)	U.S. Patent and Trademark Office	
OMB No. 0651-0027 (exp. 5/31/2002)  Tab settings ⇔ ⇔ ▼ , 1,0	2033091 🔻 🔻 🔻	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Authur Lance Springer Dean C. Marchand	2. Name and address of receiving party(ies)  Name: WorldCom, Inc.  Internal Address:	
Additional name(s) of conveying party(ies) attached? 🌉 Yes 🎗	<b>№</b> No	
3. Nature of conveyance:		
🖳 Assignment 📮 Merger	Street Address: 500 Clinton Center Drive	
Security Agreement Ghange of Na	ame	
Other	Clinton State: MS Zip: 39056	
01/18/2002;03/04/2002 Execution Date:		
4. Application number(s) or patent number(s):		
If this document is being filed together with a new	w application, the execution date of the application is: 09/28/01	
A. Patent Application No.(s) 09/964,419	B. Patent No.(s)	
Additional numbers attached? 🖳 Yes 💹 No		
<ol><li>Name and address of party to whom correspond concerning document should be mailed:</li></ol>	dence 6. Total number of applications and patents involved:	
Name: Paul Roberts	7. Total fee (37 CFR 3.41)\$\frac{40.00}{}	
Internal Address: 9854/003, 10th Floor	Enclosed	
	Authorized to be charged to deposit account	
	8. Deposit account number:	
Street Address: WorldCom, Inc.	13-2491	
1133 19th Street NW		
City: Washington State: DC Zip: 20036	(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 JA.  Name of Person Signing  Signature  Date		
Total number of pages including cover sheet, attachments, and documents:		

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Mail documents to be recorded with required cover sheet information to:
09964413 Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

REEL: 012709 FRAME: 0815

Patent Docket No.: COS99063

## **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 September 28, 2001 and assigned Serial No. 09/964,41	9

and is entitled:

## METHOD AND SYSTEM FOR USING BAD BILLED NUMBER RECORDS TO PREVENT FRAUD IN A TELECOMMUNICATIONS 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:
Arthur Lance Springer Signature: How Warden	Date: 11-3.02

PATENT REEL: 012709 FRAME: 0816

Patent Docket No.: COS99063

## 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 September 28, 2001 and assigned Serial No. 09/964,419 and is entitled:

## METHOD AND SYSTEM FOR USING BAD BILLED NUMBER RECORDS TO PREVENT FRAUD IN A TELECOMMUNICATIONS 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:	ather Same Springer	Date: 1/18/02
	Authur Lance Springer	Date:
	Dean C Marchand	

RECORDED: 03/21/2002

PATENT REEL: 012709 FRAME: 0817