

06-09-1998



MRD 5-21-98

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

<p>1. Name of conveying party(ies): Fisher, Mark Edward Manulik, Robert John</p> <p>Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <p>3. Nature of Conveyance</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: May 20, 1998</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>International Business Machines Corporation</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>New Orchard Road</u> City <u>Armonk</u> State <u>New York</u> Zip <u>10504</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
<p>4. Application number(s) or patent number(s): <b>TITLE: APPARATUS AND METHOD FOR TELECOMMUNICATION ROUTING AND PARAMETER NEGOTIATION</b> If this document is being filed together with a new application, the execution date of the application is <u>May 20, 1998</u></p> <p>A. Patent Application No(s). _____ B. Patent No(s). _____</p> <p>06/05/1998 DNGUYEN 00000086 090465 09082493</p> <p>01 FC:581 40.00 CH Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p><b>S. Jared Pitts Schmeiser, Olsen &amp; Watts 20 West First Street Mesa, Arizona 85201</b></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CVF 3.41): <u>\$ 40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees</p> <p>8. Deposit account number: <u>09-0465</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
<b>DO NOT USE THIS SPACE</b>	
<p>9. Statement and signature</p> <p>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.</p> <p><u>S. Jared Pitts</u>      <u>May 21, 1998</u> Name of Person Signing      Signature      Date</p> <p style="text-align: right;">Total number of pages comprising cover sheet: <u>1</u></p>	

## ASSIGNMENT

Whereas, we

- |     |                     |   |
|-----|---------------------|---|
| (1) | Mark Edward Fisher  | City of Rochester<br>and State of Minnesota |
| (2) | Robert John Manulik | City of Rochester<br>and State of Minnesota |

have invented certain improvements in an:

### **APPARATUS AND METHOD FOR TELECOMMUNICATION ROUTING AND PARAMETER NEGOTIATION**

and executed, respectively, a United States patent application therefor on

(1) May 20, 1998, (2) May 20, 1998.

And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, We, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States application, and We request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and We hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) at Rochester, Minnesota  
on May 20, 1998

Mark Edward Fisher Signature  
(Mark Edward Fisher) Inventor  
First Name Middle Last Name

(2) at Rochester, Minnesota  
on May 20, 1998

Robert John Manulik Signature  
(Robert John Manulik) Inventor  
First Name Middle Last Name