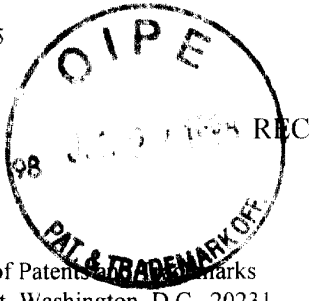


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6-22-98



06-30-1998



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Our Ref.: 36-914

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

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

<p>1. Name of conveying party(ies): David John ATTWATER Paul Andrew OLSEN Steven John WHITTAKER</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: August 13, 1998</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: British Telecommunications public limited company</p> <p>Internal Address: _____</p> <p>Street Address: 81 Newgate Street</p> <p>_____</p> <p>City: London State/Country: England</p> <p>Zip: EC1A 7AJ</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____</p> <table border="0"> <tr> <td data-bbox="134 999 797 1150"> <p>A. Patent Application No(s). (1) 08/659,526 (2) (3)</p> </td> <td data-bbox="797 999 1469 1150"> <p>B. Patent No(s). (1) (2) (3)</p> </td> </tr> </table> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No(s). (1) 08/659,526 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p>	
<p>A. Patent Application No(s). (1) 08/659,526 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Larry S. Nixon</p> <p>Internal Address: _____</p> <p>Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor</p> <p>City: Arlington State: VA Zip: 22201</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>			
<p style="text-align: center;">DO NOT USE THIS SPACE</p>				
<p>9. Statements 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.</p> <table border="0"> <tr> <td data-bbox="175 1703 521 1793"> <p>Larry S. Nixon Name of Person Signing Reg. No. 25,640</p> </td> <td data-bbox="586 1654 1024 1793"> <p><i>Larry S. Nixon</i> Signature</p> </td> <td data-bbox="1057 1696 1438 1755"> <p>June 22, 1998 Date</p> </td> </tr> </table> <p>Total number of pages including original cover sheet, attachments, and document: [3]</p>		<p>Larry S. Nixon Name of Person Signing Reg. No. 25,640</p>	<p><i>Larry S. Nixon</i> Signature</p>	<p>June 22, 1998 Date</p>
<p>Larry S. Nixon Name of Person Signing Reg. No. 25,640</p>	<p><i>Larry S. Nixon</i> Signature</p>	<p>June 22, 1998 Date</p>		

U.S.A

A25136/US

ASSIGNMENT

WHEREAS I/WE

ATTWATER, DAVID JOHN
154 CAVENDISH STREET
IPSWICH
SUFFOLK IP3 8BG
UNITED KINGDOM

OLSEN, PAUL ANDREW
65 ALEXANDRA ROAD
IPSWICH
SUFFOLK IP4 2RN
UNITED KINGDOM

BRIDGEMAN SEAMUS AODHAIN
70 TUDDENHAN AVENUE
IPSWICH IP4 1QB
UNITED KINGDOM

WHITTAKER, STEVEN JOHN
53 BRISTOL ROAD
IPSWICH
SUFFOLK, IP4 4LP
UNITED KINGDOM

HAVE INVENTED CERTAIN NEW AND USEFUL IMPROVEMENTS IN

DATABASE ACCESS

as fully set forth and described in the specification preparatory to obtaining Letters Patent of the United States.

AND WHEREAS, BRITISH TELECOMMUNICATIONS public limited company, a British Company having its Head Office at 81 Newgate Street, London, EC1A 7AJ, England, is desirous of acquiring in and for the United States, the entire right, title and interest in and to the said Letters Patent of the United States to be obtained therefor.

NOW THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/WE have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said BRITISH TELECOMMUNICATIONS public limited company, the entire right, title and interest in and to the said invention in and for the United States, and Letters Patent of the United States which may be granted therefore, the same to be held and enjoyed by the said BRITISH TELECOMMUNICATIONS public limited company assigns and legal representatives, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by ME/US if this assignment and sale had not been made; and I/WE hereby request the Commissioner of Patents to issue the Letters Patent to the said BRITISH TELECOMMUNICATIONS public limited company, in accordance with this assignment.


PAGE 1 OF 2

IN WITNESS WHEREOF, I/WE have hereunto set MY/OUR hand, this **13** day of **August** 1996.

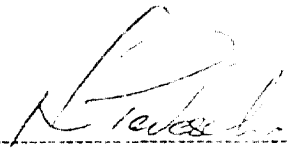


(ATTWATER, DAVID JOHN)

Witness: B. A. Felt



(OLSEN, PAUL ANDREW)

Witness: 

(BRIDGEMAN, SEAMUS AODHAIN)

Witness: -----



(WHITTAKER, STEVEN JOHN)

Witness: B. A. Felt