



102390872

To the Honorable Commissioner of Patents and Trademarks, Attached original documents or copy thereof

1. Name(s) of conveying party/parties: 2. Name and address of receiving party

Gary Paul Noble
Peter John Stretton

International Business Machines Corporation
New Orchard Road
Armonk, New York 10504

Additional Names Attached? Yes X No

3. Nature of Conveyance

- X Assignment Merger
Security Agreement Change of Name
Other:

Execution Date(s): 12/16/02, 12/12/02

Additional Names Attached? Yes X No

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

If this document is being filed with a new application, the execution date of the application is: 12/16/02 12/12/02

A. Patent Application No(s) B. Patent No(s)

Additional Numbers Attached? Yes X No

5. Name and Address of party to whom correspondence concerning the document should be sent: 6. Total Number of applications and patents involved: 1

Name: David R. Irvin
Internal Address:
IBM Corporation, T81/503

7. Total fee (37 CFR 3.41) .....\$ 40

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David R. Irvin

David R Irvin

27 Feb 2003

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**ASSIGNMENT**

Whereas, we,

- (1) **Gary Paul Noble** of City of **North Broadway**  
County of **Worcestershire** and State of **United Kingdom**
- and (2) **Peter John Stretton** of City of **Chandlers Ford**  
County of **Hampshire** and State of **United Kingdom**
- and (3) County of of City of  
and State of
- and (4) County of of City of  
and State of
- and (5) County of of City of  
and State of
- and (6) County of of City of  
and State of

have invented certain improvements in

**SECURE TRANSMISSION USING ADAPTIVE TRANSFORMATION AND PLURAL CHANNELS**

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

- (1) *16 December 2002* and (2) *12 DECEMBER 2002* and (3)
- and (4) and (5) and (6)

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application 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.

SIGNED

(1) *GP Noble*

**Gary Paul Noble**

at BROADWAY  
(Town where signed)

on 16 Dec 2002  
(Date)

(2) *Peter John Stretton*

**Peter John Stretton**

at WINCHESTER  
(Town where signed)

on 12 DECEMBER, 2002  
(Date)

(3) \_\_\_\_\_

at \_\_\_\_\_  
(Town where signed)

on \_\_\_\_\_  
(Date)

(4) \_\_\_\_\_

at \_\_\_\_\_  
(Town where signed)

on \_\_\_\_\_  
(Date)

(5) \_\_\_\_\_

at \_\_\_\_\_  
(Town where signed)

on \_\_\_\_\_  
(Date)

(6) \_\_\_\_\_

at \_\_\_\_\_  
(Town where signed)

on \_\_\_\_\_  
(Date)