

08-26-1999



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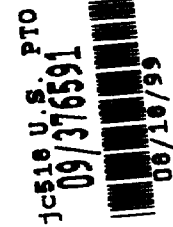
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

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A Asco  
B D Whyte

2. Name and address of receiving party(ies):  
  
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New Orchard Road  
Armonk  
New York 10504

3. Name of conveyance:  
  
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Execution Date:  
  
7 July 1999



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  
7 July 1999

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

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
David M. Shofi  
IBM Corp, IP Law Dept,  
T J Watson Research Center, PO Box 218,  
Yorktown Heights, New York 10598.  
Telephone: (914)945- 3247

6. Total number of applications and patents involved: 1  
  
7. Total fee (37 CFR 3.41) \$ 40.00  
  
 Authorized to be charged to deposit account  
  
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David M. Shofi  
Name of person signing

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# ASSIGNMENT

Whereas, we,

(1)	<b>Amadeo Asco</b> County of <b>Hampshire</b>	of City of and State of	<b>Southampton</b> <b>United Kingdom</b>
and (2)	<b>Barry Douglas WHYTE</b> County of <b>Hampshire</b>	of City of and State of	<b>Chandlers Ford</b> <b>United Kingdom</b>

have invented certain improvements in

## MICROCODE UPGRADE IN DATA PROCESSING SYSTEM

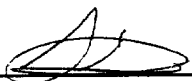
and executed, respectively, a United States patent application therefor on

(1) 7 July 1999 and (2) 7 July 1999

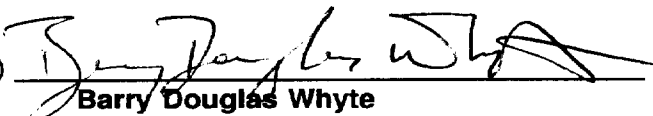
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and 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)   
\_\_\_\_\_ **Amadeo Asco**

at HURSLEY on 7th JULY 19 99  
(Town where signed) (Date)

(2)   
\_\_\_\_\_ **Barry Douglas Whyte**

at HURSLEY on 7th JULY 19 99  
(Town where signed) (Date)