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1503 U.S. PTO  
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03/29/01

To the Assistant Commissioner of Patents: Please record the attached original documents or copy thereof.

**1. Name of conveying party(ies):**Kulvir S. Bhogal  
Nizamuden Ishmael, Jr.  
Baljeet S. Baweja  
Mandeep Sidhu**2. Name and address of receiving party(ies):**International Business  
Machines Corporation  
New Orchard Road  
Armonk, New York 10504**3. Nature of conveyance:**X AssignmentExecution Date: 3/29/01, 3/28/01, 3/29/01, 3/29/01

09 820 501

**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 3/29/01, 3/28/01, 3/29/01, 3/29/01

A. Patent Application No. (s)

B. Patent No. (s)

**5. Name and address of party to whom correspondence concerning document should be mailed:**Cynthia S. Byrd  
IBM Corporation  
Intellectual Property Law  
Internal Zip 4054  
11400 Burnet Road  
Austin, TX 78758  
(512) 823-8554**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 3.41) \$ 40.00**X Authorized to be charged to deposit account**8. Deposit account number:**09-0451

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**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.

Cynthia S. Byrd  
Name of Person SigningCynthia S. Byrd  
Signature3/29/01  
DateTotal number of pages including cover sheet: 5

## A S S I G N M E N T

Whereas, we,

- 1) NIZAMUDEEN ISHMAEL, JR. of Ausitn,  
County of Travis State of: Texas

and

- 2) KULVIR SINGH BHOGAL of FORT WORTH,  
County of TARRANT State of: Texas

and

- (3) BALJEET SINGH BAWEJA of Ausitn,  
County of Travis State of: Texas

and

- (4) MANDEEP SIDHU of Ausitn,  
County of Travis State of: Texas

have invented certain improvements in

**AN INTERACTIVE DATA PROCESSOR CONTROLLED DISPLAY INTERFACE FOR TRACKING ALLOCATED MESSAGES IN A DYNAMIC WORKLOAD BALANCING COMMUNICATION SYSTEM**

and executed, respectively, a United States patent application therefor on (Dates Inventors Signed Declaration) (1) 3/29/01, 2001 and (2) \_\_\_\_\_ 2001 and (3) 3/29/01, 2001 and (4) 3/29/ 2001

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 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.

(1) Signed at Austin on March 29, 2001.

NIZAMUDEEN ISHAMEL JR.

(2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2001.

KULVIR SINGH BHOGAL

(3) Signed at Austin on 3/29/01, 2001.

  
BALJEET SINGH BAWEJA

(4) Signed at Austin on 3/29/01, 2001.

  
NANDEEP SIDHU

AUS920010184US1

## A S S I G N M E N T

Whereas, we,

(1) NIZAMUDEEN ISHMAEL, JR. of Austin,  
County of Travis State of: Texas

and

(2) KULVIR SINGH BHOGAL of Austin,  
County of Tarrant State of: Texas

and

(3) BALJEET SINGH BAWEJA of Austin,  
County of Travis State of: Texas

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(4) MANDEEP SIDHU of Austin,  
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have invented certain improvements in

**AN INTERACTIVE DATA PROCESSOR CONTROLLED DISPLAY INTERFACE FOR TRACKING ALLOCATED  
MESSAGES IN A DYNAMIC WORKLOAD BALANCING COMMUNICATION SYSTEM**

and executed, respectively, a United States patent application therefor on  
(Dates Inventors Signed Declaration) (1) 3/28, 2001 and (2) 3/28, 2001 and (3) \_\_\_\_\_, 2001  
and  
(4) \_\_\_\_\_, 2001

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 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.

(1) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2001.

\_\_\_\_\_  
NIZAMUDEEN ISHMAEL JR.

AUS920010184US1

(2) Signed at Oakland, CA on March 20, 2001.

  
KULVIR SINGH BHOGAL

(3) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2001.

\_\_\_\_\_  
BALJEET SINGH BAWEJA

(4) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2001.

\_\_\_\_\_  
MANDEEP SIDHU