

| (1997) [1997] [1997] [1997] [1997] [1997] [1997] [1997] [1997] [1997] [1997] [1997] [1997] [1997] [1997] [1997] | |
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Name of conveying party(ies): 1

> Samuel David Borman Martin John Trotter

02

3 Name of conveyance:

X Assignment

Execution Date:

23 July 2002 and 7 August 2002

2 Name and address of receiving party(ies):

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



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

> If this document is being filed together with a new application, the execution date of the application is 23 July 2002 and 7 August 2002

> > 6

- Α. Patent Application No(s)
- B. Patent No(s)
- 5 Name and address of party to whom correspondence concerning document should be mailed:

IBM Corp, IP Law Dept T81/503, 3039 Cornwallis Road, PO Box 12195, Research Triangle Park, NC 27709-2195. Telephone: (919)543

Total number of applications and patents involved: 1

- 7 Total fee (37 CFR 3.41) \$ 40.00
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PATENT REEL: 013615 FRAME: 0293

Docket No: GB920010093US1

ASSIGNMENT

Whereas, we,

| | (1) | Samuel David Borman County of Hampshire | of City of and State of | Southsea United Kingdom |
|-----|-----|---|----------------------------|----------------------------|
| and | (2) | Martin John Trotter County of Hampshire | of City of and State of | Ampfield 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

A METHOD AND SYSTEM FOR THE GARBAGE COLLECTION OF SHARED DATA

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

| (1) | 23 July | 2002 | and (2) | 7 | August | 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.

PATENT REEL: 013615 FRAME; 0294

Docket No: GB920010093US1

| SIGNE | ED | | |
|--------------|---|--------------|------------------------|
| (1) <u> </u> | Samuel David Borman Samuel David Borman | <u></u> | |
| at | HURSUET (Town where signed) | on _ | 23 July 2002 (Date) |
| (2) | Matin John Teller | *** | • |
| at | (Town where signed) | <u></u> on _ | 7H HUGUST 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) |

RECORDED: 12/20/2002

PATENT REEL: 013615 FRAME; 0295