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FORM PTO-1595 **RECORDATION FORM COVER SHEET**
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101259366

To the Honorable Commissioner of Patents and Trade.

copy thereof.

1. Name of conveying party(ies):
Bowen Alpern, Clement Richard Attanasio and
Stephen Edwin Smith

**Additional name(s) of conveying party(ies)
attached?**
Yes No

2. Name and address of receiving party(ies)
Name: International Business Machines Corporation
Internal Address:
Street Address: New Orchard Road
City: Armonk **State:** NY **ZIP:** 10504

Additional name(s) & address(es) attached? Yes No

JC578 U.S. PTO
09/480190
01/10/00

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: January 7, 2000

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:
January 7, 2000

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

Additional numbers attached? Yes No 09/480190

**5. Name and address of party to whom
correspondence concerning document should be
mailed:**
Name: Kevin M. Mason
Internal Address: Ryan & Mason, L.L.P.
Street Address: 90 Forest Avenue
City: Locust Valley **State:** NY **ZIP:** 11560

**6. Total number of applications and patents
involved:** 1

7. Total Fee (37 CFR 3.41)..... \$ 40.00
 Enclosed
Authorized to be charged to deposit account

8. Deposit account number 50-0762

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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.

Kevin M. Mason Kevin M. Mason January 10, 2000
Reg. No. 36,597 Signature Date

Total number of pages including cover sheet, attachments, and document: 3

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ASSIGNMENT

Whereas, we

Inventor
and City

(1) **Bowen Alpern**
County of Westchester

of Peekskill
and State of New York

(2) **Clement Richard Attanasio**
County of Westchester

of Cortlandt Manor
and State of New York

and (3) **Stephen Edwin Smith**
County of Putnam

of Mahopac
and State of New York

have invented certain improvements in

TITLE

**METHOD AND APPARATUS FOR PERFORMING GENERATIONAL GARBAGE
COLLECTION USING REMEMBERED SET COUNTER**

and executed a United States patent application therefor on

DATE THAT INVENTORS SIGNED THE DECLARATION (1) January, 7 2000, (2) January, 7 2000 and (3) January, 7 2000.

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 inventions 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.

CITY DATE Signed and Sealed (1) at Yorktown Heights, NY on Jan 7 2000, Bowen Alpern SIGNATURE
(Bowen Alpern) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE Signed and Sealed (2) at Yorktown Heights, NY on Jan 7 2000, Clement Richard Attanasio SIGNATURE
(Clement Richard Attanasio) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE and Signed and Sealed (2) at Yorktown Heights, NY on Jan 7 2000, Stephen Edwin Smith SIGNATURE
(Stephen Edwin Smith) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York)ss.:
County of Westchester)

INVENTOR
(1)

On this 7th day of January 2000, before me personally came **Bowen Alpern** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Emily S. Forbes
Notary

EMILY S. FORBES
Notary Public, State of New York
No. 01F04935185
Qualified in Westchester County
Commission Expires July 25, 2000

State of New York)ss.:
County of Westchester)

INVENTOR
(2)

On this 7th day of January 2000, before me personally came **Clement Richard Attanasio** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Emily S. Forbes
Notary

EMILY S. FORBES
Notary Public, State of New York
No. 01F04935185
Qualified in Westchester County
Commission Expires July 25, 2000

State of New York)ss.:
County of Westchester)

INVENTOR
(3)

On this 7th day of January 2000, before me personally came **Stephen Edwin Smith** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Emily S. Forbes
Notary

EMILY S. FORBES
Notary Public, State of New York
No. 01F04935185
Qualified in Westchester County
Commission Expires July 25, 2000

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