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IBM Docket No.: BU9-98-224

original documents or copy thereof.

To the Honorable Commissioner of Patent

101027814

1. Name of conveying party(ies):
Paul D. Bell Todd McMullin
Glenn L. Bomberger Richard W. Wasielewski
Allen W. Brouillette

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

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

Execution Date: 4/13/99, 4/14/99, 4/13/99, 4/14/99
and 4/13/99

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

Additional Name(s) & Address(es) attached?
 Yes No



4. Application number(s) or patent number(s):
Title of Application: **MERCURY PROCESS GOLD BALLBOND REMOVAL APPARATUS**

If this document is being filed together with a new application, the execution date of the application is: 4/13/99, 4/14/99, 4/13/99, 19
4/14/99.

A. Patent Application No.(s) B. Patent No.(s) **09/298690**

Additional numbers attached? Yes No

5. Name and address of party whom correspondence concerning document should be mailed:
Name: **DeLIO & PETERSON, LLC**
Street Address: **121 Whitney Avenue**
City: **New Haven** State: **CT**
Zip Code: **06510-1241**

CERTIFICATE OF MAILING UNDER 37 CFR 1.10
I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to the Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231, as "Express Mail Post Office to Addressee" Mailing Label No. EL046030321US

on 4/23/99
Name of person mailing paper: JOAN R. BERNICK
Signature: Joan R Bernick
Date: 4/23/99

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

7. Total Fee (37 CFR 3.41) \$**40.00** ✓
 Enclosed
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8. Assignee IBM Corporation Deposit Account Number:
09-0456 ✓

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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.

Howard J. Walter, Jr. Howard J. Walter 4/22/99
Name of Person Signing Signature Date
Registration No.: **24,832** Phone No.: **802-769-9555**

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

ASSIGNMENT

Whereas, we

Inventor and City	(1) Paul D. Bell County of Chittenden	City of Colchester and State of Vermont
and	(2) Glenn L. Bomberger County of Chittenden	City of Hinesburg and State of Vermont
and	(3) Allen W. Brouillette County of Chittenden	City of Essex Junction and State of Vermont
and	(4) Todd McMullin County of Collin	City of Frisco and State of Texas
and	(5) Richard W. Wasielewski County of Chittenden	City of Milton and State of Vermont

Title have invented certain improvements in
**MERCURY PROCESS GOLD BALLBOND
REMOVAL APPARATUS**

Date That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on
(1) 4/13, 1999, (2) 4/14, 1999, (3) 4/13, 1999, and (4) _____, 1999,
and (5) 4/13, 1999.

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;

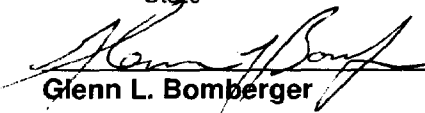
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign 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.

City (1) Signed at Essex Junction Vermont
City State

Date on April 13, 1999 Paul D. Bell signature
Paul D. Bell

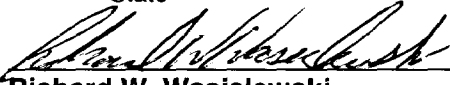
ASSIGNMENT (continued)

TITLE: MERCURY PROCESS GOLD BALLBOND REMOVAL APPARATUS

City (2) Signed at Essex Junction Vermont
City State
 Date on Apr. 14, 1999  signature
Glenn L. Bomberger

City (3) Signed at Essex Junction Vermont
City State
 Date on 4/13/1999, 1999  signature
Allen W. Brouillette

City (4) Signed at _____ State
City State
 Date on _____, 1999 _____ signature
Todd McMullin

City (5) Signed at Essex Junction Vermont
City State
 Date on 4/13/99, 1999  signature
Richard W. Wasielewski

ASSIGNMENT

Whereas, we

Inventor and
City

(1) **Paul D. Bell**
County of **Chittenden**

City of **Colchester**
and State of **Vermont**

and

(2) **Glenn L. Bomberger**
County of **Chittenden**

City of **Hinesburg**
and State of **Vermont**

and

(3) **Allen W. Brouillette**
County of **Chittenden**

City of **Essex Junction**
and State of **Vermont**

and

(4) **Todd McMullin**
County of **Collin**

City of **Frisco**
and State of **Texas**

and

(5) **Richard W. Wasielewski**
County of **Chittenden**

City of **Milton**
and State of **Vermont**

Title

have invented certain improvements in
**MERCURY PROCESS GOLD BALLBOND
REMOVAL APPARATUS**

Date That
Inventors
Signed the
Declaration

and have executed, respectively, a United States patent application therefor on
(1) _____, 1999, (2) _____, 1999, (3) _____, 1999, and (4) 4/14, 1999,
and (5) _____, 1999.

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.

City (1) Signed at Essex Junction Vermont
City State

Date on _____, 1999 _____ signature
Paul D. Bell

ASSIGNMENT (continued)

TITLE: MERCURY PROCESS GOLD BALLBOND REMOVAL APPARATUS

City (2) Signed at Essex Junction Vermont
City State
 Date on _____, 1999 _____ signature
Glenn L. Bomberger

City (3) Signed at Essex Junction Vermont
City State
 Date on _____, 1999 _____ signature
Allen W. Brouillette

City (4) Signed at Addison Texas
City State
 Date on 4/14, 1999 Todd B. McMullin signature
Todd McMullin

City (5) Signed at Essex Junction Vermont
City State
 Date on _____, 1999 _____ signature
Richard W. Wasielewski