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To the Honorable Commissioner of Patents

101031548

Attached original documents or copies thereof

1. Name of conveying party(ies):

Patrick A. Coico

James H. Covell

Lewis S. Goldmann

Kimberly A. Kelly

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: 4/29/99; 4/27/99; 4/27/99; 4/29/99

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

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: 4/29/99; 4/27/99;

A. Patent Application No.(s)

FI9-97-292

EXPRESS MAIL NO.: EH204560862US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
DEPOSITED WITH THE U.S. POSTAL SERVICE AS EXPRESS
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APPLICANT AND/OR ATTORNEY REQUESTS THE DATE OF
DEPOSIT AS THE FILE DATE.

4/27/99; 4/29/99

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Keith Murphy

Internal Address: _____

DATE OF DEPOSIT: April 29, 1999

6. Total number of applications and patents involved: 1

BY SIGNATURE & DATE: Kathleen Brandenburg 4/29/99

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0458 (FI-212)

(Attach duplicate copy of this page if paying by deposit account)

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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.

Aziz M. Ahsan

Signature

APRIL 29, 1999

Date

Name of Person Signing

Aziz M. Ahsan, Attorney

Reg. No. 32,100

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT

REEL: 9926 FRAME: 0792

ASSIGNMENT

WHEREAS, we

(1) **Patrick A. Coico**
County of Dutchess

of Fishkill
State of New York

and
(2) **James H. Covell**
County of Dutchess
and

of Poughkeepsie
State of New York

(3) **Lewis S. Goldmann**
County of Westchester
and

of Bedford
State of New York

(4) **Kimberly A. Kelly**
County of Dutchess
and

of Poughkeepsie - ~~Pleasant Valley~~ (E) 4/29/99
State of New York

have invented certain improvements in

ONE STEP METHOD FOR CURING AND JOINING BGA SOLDER BALLS

and executed a United States patent application therefor on:
(dates that Inventors signed the declaration)

(1) 4/29, 1999, and (2) 4/27, 1999, and (3) 4/27, 1999,
and (4) 4/29, 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;

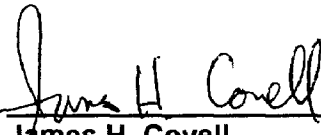
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) at East Fishkill, NY
on 4/29, 1999, Patrick A. Coico

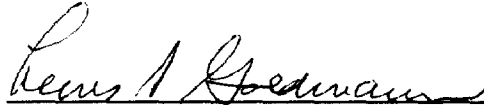
and

(2) at East Fishkill, NY
on 4/27, 1999,


James H. Covell


and

(3) at East Fishkill, NY
on 4/27, 1999,


Lewis S. Goldmann

and

(4) at East Fishkill, NY
on 4/29, 1999,


Kimberly A. Kelly