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Docket No.: END920020074US1

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents an Trademarks: Please record the attached original documents or copy thereof.	
1. Name of conveying parties: Stephen W. MacQuarrie Irving Memis	Name and address of receiving party: Name: International Business Machines Corporation Street Address: New Orchard Road
3. Nature of conveyance X_ Assignment	City: Armonk State: NY Zip: 10504 Additional names & addresses attached? YesX_No
4. Application number or patent numbers: If this document is being filed together with a new application, the execution date of the application is: 9/27/02 A. Patent Application No.(s) B. Patent No.(s) Additional number attached? YesXNo	
5. Name and address of party to whom correspondence concerning document should be mailed: Lawrence R. Fraley IBM Corporation N50/040-4 1701 North Street Endicott, NY 13760	6. Total number of applications and patents involved:
	7. Total fee \$ 40X_ Authorized to be charged to deposit account
	8. Deposit Account number: 09/0457
DO NOT USE THIS SPACE	
9. Signature Lawrence R. Fraley Reg. No. 26,885 Date Total number of pages, including cover sheet, attachments and documents 3	
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231. THE APPLICANT AND/OR ATTORNEY REQUESTS THE DATE OF DEPOSIT AS THE FILING DATE: 10/01/02 Signature/Date Name of Person Making Deposit: Georgia Y. Brundége Express Mail No Date of Deposit: 10/01/02	

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> PATENT REEL: 13364 FRAME: 0566

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ASSIGNMENT

WHEREAS, we

(1) Stephen W. MacQuarrie of Vestal County of Broome State of NY

and

2) Irving Memis of Vestal County of Broome State of NY

have invented certain improvements in

Selective C4 Connection in IC Packaging

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

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 acknow-ledged, 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

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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

and

on _______, Stephen W. MacQuarrie

(2) at ENDICOTT, NY In Memis

(2) at ENDICOTT, NY Irving Memis

RECORDED: 10/01/2002

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