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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office IBM Docket No.:

EN9-96-077 al documents or copy thereof.

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the	Honorable	Commissioner of Patents and	10094769

nen 1-5.99	1. Name of conveying party(ies): Mark Vincent Pierson Thurston Bryce Youngs, Jr. Additional names of conveying party(ies) attached? yes 松 no 3. Nature of Conveyance Assignment	2. Name and address of receiving party(ies): Name: International Business Machines Corporation Internal Address: Street Address: Old Orchard Road City Armonk State New York Zip 10504 Additional name(s) & address(es) attached? yes \$\mathbb{X}\$ no	
01/21/1 02 FC±56	A. Patent Application No(s). EN 9 9 6 0 7 7 Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Marshall M. Curtis, Esq. Whitham, Curtis, Whitham & McGinn Reston International Center 11800 Sunrise Valley Drive Suite 900 Reston, Virginia 20191 CERTIFICATE OF MAILING UNDER 37 CFR 1.10 TRANSI certi@000018h@90457howr@335316 correspondence is being deposited with the United States Postal Service in an envelope addressed to the	B. Patent No(s). hed? Yes No 6. Total number of applications and patents involved:1 7. Total fee (37 CVF 3.41): \$_40.00 □ Enclosed □ Authorized to be charged to deposit account □ Total fee due □ Any deficiencies in the enclosed fees 8. Deposit account number: 09-0457	
	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. Lawrence R. Fraley Name of Person Signing Registration #26,885 Tel.: 607-755-3207 Total number of pages including cover sheet:2		

PATENT

REEL: 9707 FRAME: 0709

IBM Docket No .: EN9-95-077

ASSIGNMENT

WHEREAS, we

(1) Mark Vincent Pierson County of Broome

City of Binghamton State of New York

(2)Thurston Bryce Youngs, Jr. County of Broome

City of Vestal State of New York

Title

have invented certain improvements in HIGH DENSITY EDGE MOUNTING OF CHIPS

Dates That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefore on

(1) 12/18/ , 1996 (2) 12/2» , 1996

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 therefore:

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.

(1) Signed at Enducatt, Ny on 12/18/96 City

Date

signature Vincent **Pierson** inventor First Name Middle Initial Last Name

(2) Signed at ENDIESTY, NY City 12/20/26 Date

Thurston Last Wame First Name Middle Initial

signature inventor

RECORDED: 01/05/1999

PATENT REEL: 9707 FRAME: 0710