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PATENTS ONLY

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3. Nature of conveyance:

[] Merger [x] Assignment [] Security Agreement

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5.

Execution Date: 7/26/99

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: 10504

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

Application number(s) or patent number(s): EN999052 If this document is being filed together with a new application, the execution date of the application is: 7/26/99

Α. Patent Application No.(s) Patent No.(s)

Additional numbers attached? [] Yes [x] No

Name and address of party to whom 6. correspondence concerning document

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02 FC:581

PATENT REEL: 010138 FRAME: 0450

ASSIGNMENT

Docket No. EN999052

Whereas, I,

William L. Brodsky County of Broome have invented certain improvements in City of Binghamton and State of New York

Method and Apparatus for Electroplating

and have executed, respectively, a United States patent application therefor on

(1) 7/26/99

And 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 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 AND SEALED

(1) at Endicott, New Yord on 7/26/99

William L. Brodsky