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Uttam Shyamalindu Ghoshal

2. Name and address of
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3. Nature of conveyance:

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A. Patent Application No.(s)

B. Patent No.(s)

5. Name and address of party to whom
correspondence concerning document
should be mailed:Casimer K. Salys
IBM Corporation
Intellectual Property Law
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758
(512) 823-00926. Total number of applications
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A S S I G N M E N T

Whereas, I,

(1) Uttam Shyamalindu Ghoshal
County of Travis

of Austin,
and State of Texas,

have invented certain improvements in

APPARATUS FOR DENSE CHIP PACKAGING USING HEAT PIPES AND THERMOELECTRIC COOLERS

and executed, respectively, a United States patent application therefore on
(Dates Inventors Signed Declaration) (1) 11/29, 2000.

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 Austin on 11/29, 2000.

Uttam Shyamalindu Ghoshal
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