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PATENT

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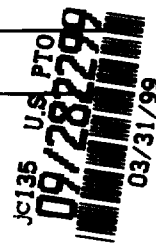
1. Name of conveying party(ies):

Joseph A. Holung
Vinod Kamath
Mohanlal S. Mansuria
Tin-Lup Wong, Ph.D.

2. Name and address of receiving party:

INTERNATIONAL BUSINESS
MACHINES CORPORATION
New Orchard Road
Armonk, New York 10504

Additional name(s) & address(es) attached?
___ Yes XXX No



3. Nature of conveyance: XXX Assignment Execution Date: March 30, 1999

4. Application or patent number(s):

If this document is being filed together with a new application, the execution date of the application is March 30, 1999

A. Patent Application No.(s):

B. Patent No.(s):

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

Bernard D. Bogdon
INTERNATIONAL BUSINESS MACHINES CORP.
Personal Systems Group IPLaw Dept.
Dept. 9CCA/Bldg. 002-2
P. O. Box 12195
Research Triangle Park, NC 27709

6. Total number of applications and patents involved: 1

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

X Authorized to be charged to deposit account

8. Deposit account number: 50-0563

(Duplicate copy of this sheet is attached)

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Bernard D. Bogdon
Name of Person Signing

Bernard D. Bogdon
Signature

3/31/99
Date

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Assistant Commissioner For Patents
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PATENT
REEL: 9870 FRAME: 0338

A S S I G N M E N T

Whereas, we,

(1) Joseph A. Holung of Wake Forest,
County of Travis and State of North Carolina,

and
(2) Vinod Kamath of Raleigh,
County of Wake and State of North Carolina,

and
(3) Mohanlal S. Mansuria of Apex,
County of Wake and State of North Carolina,

and
(4) Tin-Lup Wong, Ph.D. of Chapel Hill,
County of Orange and State of North Carolina,

have invented certain improvements in

METHOD AND SYSTEM IN A DATA PROCESSING SYSTEM FOR EFFICIENTLY COOLING A PORTABLE COMPUTER SYSTEM

and executed, respectively, a United States patent application therefor on
(Dates Inventors Signed Declaration) (1) 3/30, 1999,
(2) 3/30, 1999, (3) 3/30, 1999, and
(4) 3/30, 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, 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 RTP North Carolina on 3/30, 1999.

Joseph A. Holung
Joseph A. Holung

and (2) Signed at RTP North Carolina on 3/30, 1999.

Vinod Kamath
Vinod Kamath

and (3) Signed at RTP, NC on 3/30/99, 1999.

Mohanlal Sausi Mansuria
Mohanlal S. Mansuria

and (4) Signed at RTP, NC on 3/30/99, 1999.

Tin-Lup Wong
Tin-Lup Wong, Ph.D.