

01-12-1999

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Atty. Docket No. Y0998-450

SHEET

100939717

To The Honorable Commissioner of Patents and Trademarks:
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12/29/98
109/222141
JCS25 U.S. PTO

1. Name of conveying party(ies):

Peter J. Camporese, Alina Deutsch,
Timothy G. McNamara, Phillip Restle
and David A. Webber

Additional name(s) of conveying
party(ies) attached? Yes X No

2. Name and address of receiving party(ies):

Name: International Business
Machines Corporation
Address: New Orchard Road
Armonk, NY 10504

Additional name(s) & addresses
attached? Yes X No

3. Nature of conveyance:

X Assignment

Execution Date(s):

21, 22 and 23 December 1998

4. Patent Application number(s)

09/222141

Execution Date(s):

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

Name: Kevin M. Jordan
Address: IBM Corporation
Intellectual Property Law
P.O. Box 218
Yorktown Heights, NY 10598

6. Total number of applications involved: 1

7. Total fee (37 CFR 3.41): \$40 00

X Charge to Deposit Account No
09-0468

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8. 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 original document.

Kevin M. Jordan (Reg. No. 40,277)

Name of Person Signing

Signature

Date

40.00 CH

Total Number of pages including cover sheet,
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PATENT
REEL: 9684 FRAME: 0688

01/12/1999
03 FC:581

DUPLER 00000009 090468 09222141

(JOINT FORM)

(IBM Docke Y0998-450)

Assignment

Whereas, we

INVENTOR
AND CITY

(1) Peter J. Camporese
County of Dutchess

of Hopewell Junction
and State of New York

INVENTOR
AND CITY

(2) Alina Deutsch
County of Westchester

of Chappaqua
and State of New York

INVENTOR
AND CITY

(3) Timothy G. McNamara
County of Dutchess

of Fishkill
and State of New York

INVENTOR
AND CITY

(4) Phillip J. Restle
County of Westchester

of Katonah
and State of New York

INVENTOR
AND CITY

(5) David A. Webber
County of Dutchess

of Poughkeepsie
and State of New York

TITLE

have invented certain improvements in
X-Y GRID TREE CLOCK DISTRIBUTION NETWORK WITH TUNABLE TREE AND
GRID

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on
(1) December 23, 1998, and (2) December 23, 1998,
(3) December 23, 1998, and (4) December 22, 1998,
(5) December 21, 1998.

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 thereof 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 inventions set forth in said applications 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.

Signed and sealed

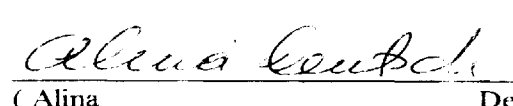
CITY AND
DATE

(1) at Poughkeepsie, NY
on December 23, 1998,


(Peter J. Camporese) SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR

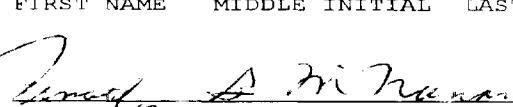
CITY AND
DATE

(2) at Yorktown Heights, New York
on Dec. 23, 1998,


(Alina Deutsch) SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR

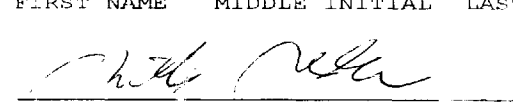
CITY AND
DATE

(3) at Poughkeepsie, NY
on December 23, 1998,


(Timothy G. McNamara) SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR

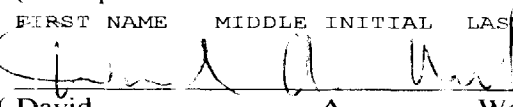
CITY AND
DATE

(4) at Yorktown Heights, NY
on December 22, 1998,


(Phillip J. Restle) SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR

CITY AND
DATE

(5) at Yorktown Hgts., NY
on December 21, 1998,


(David A. Webber) SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR

State of New York)ss.:
County of Dutchess)

On this 23rd day of December, 1998, before me personally came
Peter J. Camporese to me personally known, and known to me to be the
person described in and who executed the foregoing assignment, and he acknowledged to me
that he executed the same as his free act and deed.

INVENTOR
(1)

Susan L. Nelson
Notary

SUSAN L. NELSON
Notary Public, State of New York
Qualified in Ulster County
Commission Expires 12/31/99

State of New York)ss.:
County of Westchester)

On this 23rd day of December, 1998, before me personally came
Alina Deutsch to me personally known, and known to me to be the
person described in and who executed the foregoing assignment, and he acknowledged to me
that he executed the same as his free act and deed.

INVENTOR
(2)

Michelle Parra
Notary

MICHELLE PARRA
Notary Public, State of New York
No. 01PA5089349
Qualified in Dutchess County
Commission Expires December 8, 1999

State of New York)ss.:
County of Dutchess)

On this 23rd day of December, 1998, before me personally came
Timothy G. McNamara to me personally known, and known to me to be the
person described in and who executed the foregoing assignment, and he acknowledged to me
that he executed the same as his free act and deed.

INVENTOR
(3)

Susan L. Nelson
Notary

SUSAN L. NELSON
Notary Public, State of New York
Qualified in Ulster County
Commission Expires 12/31/99

State of New York)ss.:
County of Westchester)

On this 22nd day of December, 1998, before me personally came
Phillip J. Restle to me personally known, and known to me to be the
person described in and who executed the foregoing assignment, and he acknowledged to me
that he executed the same as his free act and deed.

INVENTOR
(4)

Michelle Parra
Notary

MICHELLE PARRA
Notary Public, State of New York
No. 01PA5089349
Qualified in Dutchess County
Commission Expires December 8, 1999

State of New York)ss.:
County of Westchester)

On this 21st day of December, 1998, before me personally came
David A. Webber to me personally known, and known to me to be the
person described in and who executed the foregoing assignment, and he acknowledged to me
that he executed the same as his free act and deed.

INVENTOR
(5)

Lucille Fourgeot
Notary

LUCILLE FOURGEOT
NOTARY PUBLIC, State of New York
No. 4508570
Qualified in Westchester County
Commission Expires 06/01/00

PATENT