

10-28-1999



To the Honorable Commissioner of Patents

101183024

original documents or copy thereof.

1. Name of conveying party(ies):

Harold Pilo
James J. Covino

Additional names of conveying party(ies) attached?

☐ yes ☒ no

3. Nature of Conveyance

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 10/15/99

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 ☒ no

4. Application number(s) or patent number(s):

Title: CYCLE INDEPENDENT DATA TO ECHO CLOCK TRACKING CIRCUIT

If this document is being filed together with a new application, the execution date of the application is 10/15/99

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Kevin A. Reif, Esq.
Whitham, Curtis & Whitham
Reston International Center
11800 Sunrise Valley Drive, Suite 900
Reston, Virginia 20191

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 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:

09-0456

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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.

Robert A. Walsh
Registration 26,516
(802) 769-9521

Robert A. Walsh
Signature

10/19/99
Date

Total number of pages including cover sheet, attachments, and document: 2

36678 U.S. PTO

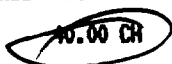
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10/27/1999 MTHA11 00000270 090456 09420694

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ASSIGNMENT

Whereas, we

Inventor
and City

(1) Harold Pilo
County of Chittenden

City of Underhill
and State of Vermont

and

(2) James J. Covino
County of Washington

City of Montpelier
and State of Vermont

Title

have invented certain improvements in
CYCLE INDEPENDENT DATA TO ECHO CLOCK TRACKING CIRCUIT

Dates That
Inventors
Signed the
Declaration

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

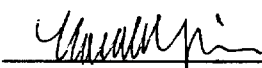
(1) 10/15 1999, and (2) 10/15/99 1999.

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.

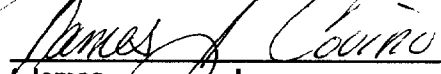
City
Date

(1) Signed at Essex Junction, VT
on 10/15/99


(Harold Pilo) signature
First Name Middle Initial Last Name) inventor

City
Date

(2) Signed at Essex Junction, VT
on 10/15/99


(James J. Covino) signature
First Name Middle Initial Last Name) inventor