

05-26-1998

In place of Form PTO-159



ocket No. AT9-97-732

REC

100718676

PATENTS

0542 U.S. PTO
09/069700
04/29/98

To the Assistant Commissioner of Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Dan M. Neal
Paul Clouser

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

International Business
Machines Corporation
Old Orchard Road
Armonk, New York 10504

3. Nature of conveyance:

Assignment

Execution Date: 4-23-98

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

If this document is being filed together with a new application, the execution date of the application is 4-23-98

A. Patent Application No.(s)

B. Patent No.(s)

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

Richard A. Henkler
IBM Corporation
Intellectual Property Law
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758
(512) 823-0962

6. Total number of applications and patents involved: 1

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

Authorized to be charged to deposit account

8. Deposit Account Number: 09-0447

DO NOT USE THIS SPACE

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.

Richard Henkler
Name of Person Signing

[Signature]
Signature

4-27-98
Date

05/22/1998 SMITH 10000000 090667 09069700
01 FC-501 40.00 CH

Total number of pages including cover sheet: 3

PATENT
REEL: 9181 FRAME: 0398

ASSIGNMENT

Whereas, we,

(1) Dan M. Neal
County of Travis

of Austin,
and State of Texas,

and

(2) Paul Clouser
County of Wake

of Georgetown,
and State of North Carolina,

have invented certain improvements in

A METHOD AND APPARATUS FOR HIGH SPEED DIFFERENTIAL SIGNALING, EMPLOYING SPLIT PIN CONNECTORS AND SPLIT VIA TECHNOLOGY

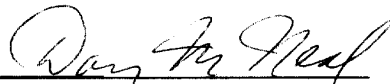
and executed, respectively, a United States patent application therefor on

(Dates Inventors Signed Declaration) (1) 4/23/98, 1998, and (2) _____, 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 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 4/23, 1998.



Dan M. Neal

and (2) Signed at _____ on _____, 1998.

Paul Clouser

IBM DOCKET NO. AT9-97-732

ASSIGNMENT

Whereas, we,

(1) Dan M. Neal
County of Travis

of Austin,
and State of Texas.

and
(2) Paul Clouser
County of Wake

of Georgetown, Raleigh (PC)
and State of North Carolina.

have invented certain improvements in

A METHOD AND APPARATUS FOR HIGH SPEED DIFFERENTIAL SIGNALING EMPLOYING SPLIT PIN CONNECTORS AND SPLIT VIA TECHNOLOGY

and executed, respectively, a United States patent application therefor on
(Dates Inventors Signed Declaration) (1) _____, 1998, and (2) 4/23, 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 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 Raleigh on _____, 1998.
(PC)

Dan M. Neal

and (2) Signed at Raleigh on 4/23, 1998.

Paul Clouser
Paul Clouser