

In place of Form PTO-1595



Docket No. AUS920030145US1

102493433

3ET

6.4.03

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b> (1) David William Boerstler  Additional name(s) of conveying party(ies) attached? ___ Yes ___ No	<b>Execution Date:</b> <u>June 23, 2003</u>
<b>2. Name and address of receiving party(ies):</b>  International Business Machines Corporation New Orchard Road Armonk, New York 10504	<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment                      ___ Merger ___ Security Agreement            ___ Change of Name ___ Other _____

17522 U.S. PTO  
10/606583



**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

(1) 06-23-03

A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_

10606583

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

Robert M Carwell  
IBM Corporation  
Intellectual Property Law  
11400 Burnet Road  
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**6. Total number of applications and patents involved: 1**

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

\_\_\_ Enclosed  
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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 M Carwell  
Name of Person Signing

RM Carwell  
Signature

6/25/03  
Date

07/10/2003 6TON11 00000049 090447 10606583

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Total number of pages including cover sheet: 2

**PATENT**  
**REEL: 014240 FRAME: 0257**

**ASSIGNMENT**

Whereas, I,

- (1) David William Boerstler of 16 Wooded Way, Round Rock, Texas 78664  
County of Williamson and State of Texas

have invented certain improvement in

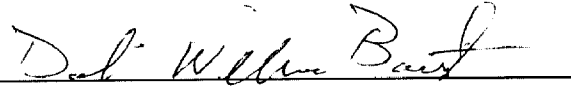
**HIGH-FREQUENCY PHASE/FREQUENCY DETECTOR  
WITH IMPROVED RESET MECHANISM**

and executed a United States patent application therefore on (1) June 23, 2003.

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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 June 23, 2003.

  
David William Boerstler