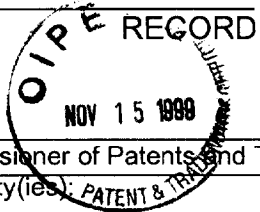


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To the Honorable Commissioner of Patents and Trademarks, U.S. Department of Commerce, Patent and Trademark Office, Washington, DC 20514. Enclosed are the attached original documents or copy thereof.

1. Name of conveying party(ies): **Robert GAZDA, David A. PREZUHY, Jack M. BIRNBAUM and Rocky C. TORSITANO**

2. Name and address of receiving party(ies):  
Name: **General Instrument Corporation**  
**a Delaware Corporation**  
Internal Address:

Additional name(s) of conveying party(ies) attached?  Yes  No  
3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: **November 1, 1999**

Street Address: **101 Tournament Drive**  
City: **Horsham** State: **PA** ZIP: **19044**  
Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the date of the application is:  
A. Patent Application No(s).  
**09/410,010**

B. Patent No(s).  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Barry R. Lipsitz**  
Internal Address:  
Street Address: **755 Main Street**  
City: **Monroe** State: **CT** ZIP: **06468**

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  
8. Deposit account number:  
The Commissioner is hereby authorized to charge any deficiency in the payment of the required fee(s) or credit any overpayment to Deposit Account No. 50-0625.

**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.*  
**Barry R. Lipsitz** **November 12, 1999**  
Name of Person Signing Signature Date

11/16/1999 NPRASASO 00000089 09410010

03 FC:561 40.00 Total number of pages including cover sheet, attachments and document: **3**

# ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we the undersigned,

**Robert GAZDA, David A. PREZUHY, Jack M. BIRNBAUM and Rocky C. TORSITANO**

who, has/have created a certain invention for which an application for United States Letters Patent has been :

[ ] **executed concurrently herewith**  
[ x ] **filed on September 30, 1999 and assigned application number 09/410,010, and is entitled:**

## **DYNAMIC DETECTION OF HARDWARE CONFIGURATION IN A DIGITAL TERMINAL**

Do hereby sell, assign and transfer to: **General Instrument Corporation**  
**a corporation of the State of Delaware**

referred to herein after as "Assignee", whose address is: **101 Tournament Drive**  
**Horsham, Pennsylvania 19044**  
**U.S.A.**

its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto (including prior filed provisional applications) which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that Assignee may apply for and receive in its own name Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

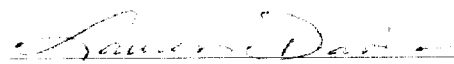
**PATENT**


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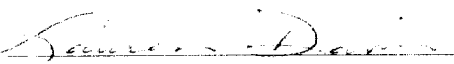
Application No.: 09/410,010  
Title of Invention: DYNAMIC DETECTION OF HARDWARE CONFIGURATION IN A DIGITAL TERMINAL

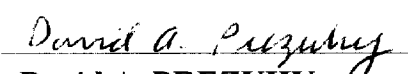
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

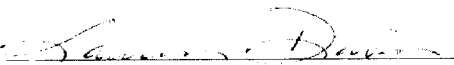
**IN TESTIMONY WHEREOF**, I/we have hereunto set my/our signature(s) on the date(s) indicated below.


  
\_\_\_\_\_  
(Witness) Signature  
LAUREN DAVIS  
\_\_\_\_\_  
Name of Witness Printed

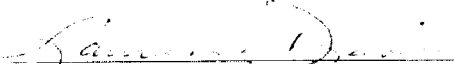
  
\_\_\_\_\_  
(L.S.)  
**Robert GAZDA**  
11/1/99  
\_\_\_\_\_  
Date

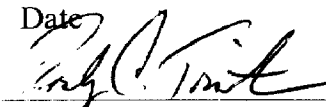
  
\_\_\_\_\_  
(Witness) Signature  
LAUREN DAVIS  
\_\_\_\_\_  
Name of Witness Printed

  
\_\_\_\_\_  
(L.S.)  
**David A. PREZUHY**  
11/1/99  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
(Witness) Signature  
LAUREN DAVIS  
\_\_\_\_\_  
Name of Witness Printed

  
\_\_\_\_\_  
(L.S.)  
**Jack M. BIRNBAUM**  
11-1-99  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
(Witness) Signature  
LAUREN DAVIS  
\_\_\_\_\_  
Name of Witness Printed

  
\_\_\_\_\_  
(L.S.)  
**Rocky C. TORSITANO**  
11-1-99  
\_\_\_\_\_  
Date