



102044540

To the Honorable Commissioner of Patents and Trademarks, 102044540 attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Krit Panusopone**  
*03/26/02*  
Additional name(s) of conveying party(ies) attached? Yes  No

2. Name and address of receiving party(ies):  
Name: **General Instrument Corporation**  
**a Delaware Corporation**  
Internal Address: \_\_\_\_\_  
Street Address: **101 Tournament Drive**  
City: **Horsham** State: **PA** ZIP: **19044**  
Additional name(s) & address(es) attached? Yes  No



3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: **March 22, 2002**

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: **March 22, 2002**  
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:  
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.

04/01/2002 VTRUDNG1 00000063 10107755  
04 FC:181 40.00 DP

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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.*  
**Barry R. Lipsitz** *[Signature]* **March 26, 2002**  
Name of Person Signing Signature Date

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,

**Krit PANUSOPONE**

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

**executed concurrently herewith**

**filed on \_\_\_\_\_ and assigned application number \_\_\_\_\_, and is entitled:**

## **METHODS AND APPARATUS FOR EFFICIENT GLOBAL MOTION COMPENSATION ENCODING AND ASSOCIATED DECODING**

Do hereby sell, assign and transfer to: **General Instrument Corporation  
a Delaware Corporation**

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;

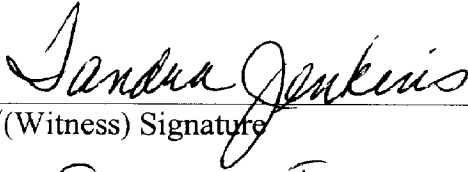
Agree that Assignee may apply for and receive in its own name Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent 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

Application No.:

**Title of Invention: METHODS AND APPARATUS FOR EFFICIENT GLOBAL MOTION COMPENSATION ENCODING AND ASSOCIATED DECODING**

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

SANDRA JENKINS

Name of Witness Printed



(L.S.)

Krit PANUSOPONE

MAR 22, 2002

Date