| C:\DTHIBODE\TEX\97-10pA\Recordation   | 13-1999 Docket No.: TEX97-10p/   |
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| RECO: HADDING MAI   | THE SELVEN   |
| 5-10-99   |  |
| To the Honorable Commissioner of Pat. 10  | 1036622  MAY  MAY  Lease record the attached originally ocuments or copy thereof.      |
| 1. Name of conveying party(ies)   | 2. Name and address of receiving party(ies)  |
| Victor H. Hasson  | Name: Textron Systems Corporation  |
| Mark A. Kovacs  | Internal Address:  |
|   |  |
| Additional name(s) of conveying party(ies) attached? [] Yes [X] No  |  |
| 3. Nature of conveyance:  | Street Address: 201 Lowell Street  |
| [X] Assignment [ ] Merger   |  |
| [ ] Security Agreement [ ] Change of Name   | City: Wilmington State: MA ZIP: 01887  |
| [ ] Other   |  |
| Execution Date: 23 April 1999   | Additional name(s) & address(es) attached? [ ] Yes [ X ] No                            |
| 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:  |
| A. Patent Application No.(s)  | B. Patent No.(s)   |
|   |  |
| 09/277,003  |  |
| Additional numb   | pers attached? [ ] Yes [ X ] No  |
| <ol><li>Name and address of party to whom correspondence<br/>concerning document should be mailed:</li></ol>  | 6. Total number of applications and patents involved: [1]                              |
| Name: David J. Thibodeau, Jr.   | 7. Total Fee (37 C.F.R. 3.41) \$ 40.00   |
| Internal Address:   | [X] Enclosed   |
| Hamilton, Brook, Smith & Reynolds, P.C.   | [X] Authorized to charge any deficiencies or credit any overpayment to deposit account |
|   | [ ] Authorized to be charged to deposit account  |
| Street Address: Two Militia Drive   | 8. Deposit account number:   |
|   | 08-0380  |
| City: Lexington State: MA ZIP: 02421-4799   | (Attach duplicate copy of this page if paying by deposit account)                      |
| 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 |  |
| to the best of my knowledge and bellef, the foregoing informa document.   | A A A A  |
| David J. Thibodeau, Jr.   | Ifficial 05 May 1999   |
| Name of Person Signing  | Signature Date   |
| Total number of pages including cover sheet, attachments, and document: [3]   |  |
| 3/1999 DHGUYEH 00000027 09277003  |  |

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(40.00 DP)

## ASSIGNMENT

WHEREAS, we, Victor H. Hasson and Mark A. Kovacs have invented a certain improvement in SPECKLE MITIGATION FOR COHERENT DETECTION EMPLOYING A WIDE BAND SIGNAL described in an application for Letters Patent of the United States, Serial No. 09/277,003, filed March 26, 1999.

WHEREAS, Textron Systems Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware and having a usual place of business at 201 Lowell Street, Wilmington, Massachusetts 01887, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patents as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

PATENT REEL: 9938 FRAME: 0713

IN TESTIMONY WHEREOF, we have hereunto set our hand and affixed my seal the date set forth below. Victor H. Hasson

Mark A. Ko State/Commonwealth of Massachusetts County of Middlesex Then personally appeared before me the above-named Victor H. Hasson and acknowledged that he executed the following instrument as his free act and deed this  $23^{m}$  day of  $\Omega pril$ , 1999. Mona Bieler Notary Public Mona Bieler (print name) My Commission expires 3/3/300State/Commonwealth of Massachusetts County of Middlesex Then personally appeared before me the above-named Mark A. Kovacs and acknowledged that he executed the following instrument as his free act and deed this d3rd day of Opril, 1999.

Mona Bieler Notary Public Mona Bieler (print name)

My Commission expires 3/3/2001

**RECORDED: 05/10/1999** 

PATENT REEL: 9938 FRAME: 0714