

04/24/00

05-01-2000

FORM PTO-1619A  
Expires 06/30/00  
OMB 0651-0027



101340015

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

### RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

<b>Submission Type</b>		<b>Conveyance Type</b>	
<input checked="" type="checkbox"/> New	<input type="checkbox"/> Resubmission (Non-Recordation)	<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Security Agreement
Document ID# _____	<input type="checkbox"/> Correction of PTO Error	<input type="checkbox"/> License	<input type="checkbox"/> Change of Name
Reel # _____ Frame # _____	<input type="checkbox"/> Corrective Document	<input type="checkbox"/> Merger	<input type="checkbox"/> Other _____
Reel # _____ Frame # _____		<b>U.S. Government</b> (For Use ONLY by U.S. Government Agencies)	
		<input type="checkbox"/> Departmental File	<input type="checkbox"/> Secret File

**Conveying Party(ies)**  Mark if additional names of conveying parties attached

Name (line 1) Miller, Jeffrey J. Execution Date 04112000  
 Month Day Year

Name (line 2) \_\_\_\_\_

**Second Party** Execution Date \_\_\_\_\_  
 Name (line 1) \_\_\_\_\_  
 Name (line 2) \_\_\_\_\_

**Receiving Party**  Mark if additional names of receiving parties attached

Name (line 1) VERIDIAN ENGINEERING, INC.  If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) a corporation of Ohio

Address (line 1) 2001 North Beauregard Street

Address (line 2) Suite 1200

Address (line 3) Alexandria Virginia 22311  
 City State/Country Zip Code

**Domestic Representative Name and Address** Enter for the first Receiving Party only.

Name \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

Address (line 4) \_\_\_\_\_

04/25/2000 CVORACHA 00000031 194293 09512259 FOR OFFICE USE ONLY  
01 FC:581 (40.00 CH)

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practices. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231  
**PATENT**

REEL: 010734 FRAME: 0760

**Correspondent Name and Address** Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09512259"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

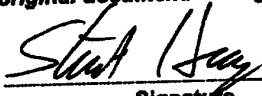
Method of Payment: Enclosed  Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.

Stuart T.F. Huang  24 APR 99

Name of Person Signing Signature Date

Registration No. 34,184

**ASSIGNMENT OF APPLICATION AND PATENT**

**WHEREAS**, I, Jeffrey Joseph Miller residing at 1161 Valley Road, Warminster, PA 18974, hereinafter referred to as applicant, have invented a certain new and useful Interference Cancellor,

for which I have made application for Letters Patent of the United States as fully set forth and described in the specification filed in the United States Patent and Trademark Office on February 24, 2000 and assigned Serial Number 09/512,259

for which an application for Letters Patent of the United States was executed on \_\_\_\_\_ and;

**WHEREAS**, Veridian Engineering, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Ohio, and having a place of business at 2001 North Beauregard Street, Suite 1200, Alexandria, Virginia 22311, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents which may be granted therefor;

**NOW THEREFORE**, to all whom it may concern, be it known, that for good and valuable consideration, to me in hand paid, the receipt of which is hereby acknowledged, I, said applicant, have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said assignee, the entire right, title, and interest in and to said invention; and any and all improvements disclosed in the aforesaid application for patent, as fully set forth and described therein; and all divisional, continuing, substitute, renewal, reissue, and all other applications for patents derived from the aforesaid application which have been or

**PATENT**  
**REEL: 010734 FRAME: 0762**

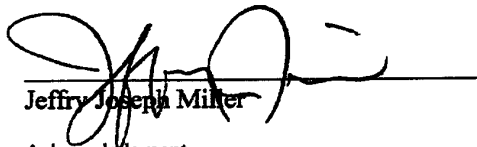
shall be filed in the United States; and any and all United States patents to be issued therefor in the United States; and all corresponding foreign counterpart applications derived from the aforesaid United States patent application and related applications as prepared for and filed in any and all foreign countries; and all foreign patents issued therefor, said entire right, title, and interest in and to said invention being the same for said assignee's own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made;

**AND I**, for myself, my heirs, assigns, successors, and legal representatives hereby covenant to and with said assignee, its assigns, successors, and legal representatives, that we have full right to sell and assign the entire right, title, and interest in and to said invention and any and all patents to be had therefor and that the entire right, title, and interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever;

**AND I ALSO**, for myself, my heirs, assigns, successors, and legal representatives hereby further covenant to and with said assignee, its assigns, successors, and legal representatives to fully cooperate therewith in the prosecution of the aforesaid application in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation extending to any U.S. or foreign application derived from the aforesaid application, and including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith;

AND I do hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said United States Letters Patents to said assignee, as the assignee of my entire right, title, and interest therein.

In Testimony Whereof, I have hereunto set my hand and seal on the day and month of the year 2000 as indicated below.

  
Jeffrey Joseph Miller

Date: 4/11/2000

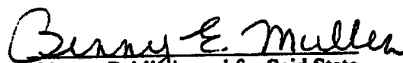
Acknowledgment

State of Pa

County of Bucks

On this 11 day of April, 2000, before me, a Notary Public, personally appeared Jeffrey Joseph Miller, personally known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his individual and authorized capacities, and that by his signature on this instrument the person, or the entity upon behalf of which the person acted, executed this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

  
Notary Public in and for Said State

NOTARIAL SEAL  
PENNY E. MULLEN, Notary Public  
Warminster Twp., Bucks County  
My Commission Expires Nov. 12, 2002