

3/20/06

03-23-2006



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PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Beverly Turchinetz John Derov Everett Crisman</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: Government of the United States of America as represented by the Secretary of the Air Force Internal Address: ESC/JAZ</p> <hr/> <p>Street Address: 40 Wright Street Bldg 1120</p> <p>City: Hanscom AFB State: MA Zip: 01731-2903</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: 7 Feb 2005</p>	

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) _____
 11/340,822

B. Patent No.(s) _____

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: ESC/JAZ Internal Address: _____ _____ Street Address: 40 Wright Street _____ City: Hanscom AFB State: MA Zip: 01731-2903</p>	<p>6. Total number of applications and patents involved: <input type="text" value="1"/></p> <p>7. Total fee (37 CFR 3.41).....\$ 40.00</p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: AF01-0465</p>
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DO NOT USE THIS SPACE

9. Signature.

JULIAN L. SIEGEL *Julian L. Siegel* 16 Mar 2005
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

03/22/2006 DBYRNE 00000059 010465 11340822

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AFB00760

**ASSIGNMENT
(Joint-Executive Order)**

WHEREAS, we, **Beverly Turchinetz, John Derov and Everett Crisman**, while employed by the Government of the United States, made an invention entitled **Antenna Radiation Collimator Structure**, and described in application for Letters Patent of the United States executed by us on or about the 14 day of December, 2005 the 15th day of December, 2005, and on the 15th day of December, 2005

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under paragraph 1 (a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we, **Beverly Turchinetz, John Derov and Everett Crisman**, the inventors, have sold, assigned and transferred and by these presents do sell, assign and transfer unto the Government of the United States of America as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patent issuing thereon and any continuations, divisions and reissues or extensions thereof; we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force, and his/her successors, as assignee of our entire right, title and interest in and to the same throughout the United States of America, its territories and dependencies, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions and reissues or extensions thereof are, or may be granted as fully and entirely as the same would have been held by us had this assignment not been made; and we do hereby also grant unto the Government of the United States as represented by the Secretary of the Air Force, our right, title, and interest in said invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to us of any further consideration; provided, however, that this grant to take foreign rights in our invention, or application for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries, and that all foreign rights not exercised under this grant are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue on said invention in any foreign country, including the

Effective 10/08/2004 Fees pursuant to the Consolidated Appropriations Act 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2006	Complete if Known		
	Application Number	11/340,822	
	Filing Date	17 Jan 2006	
	First Named Inventor	Beverly Turchinetz et al	
	Examiner Name		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Art Unit		
TOTAL AMOUNT OF PAYMENT	\$40.00	Attorney Docket Number	AFB00760

METHOD OF PAYMENT (check all that apply)

Check
 Credit Card
 Money Order
 None
 Other (please identify): _____

Deposit Account
 Deposit Account Number: AF 01-0465
 Deposit Account Name: Dept of the Air Force

For the above-identified deposit account, the Director is hereby authorized to: (Check all that apply)

Charge fee(s) indicated below
 Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or Underpayments of fee(s) under 37 CFR 1.16 and 1.17
 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	<u>Small Entity</u> Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims **Extra Claims** **Fee(\$)** **Fee Paid (\$)** **Multiple Dependent Claims**

_____ -20 or HP = _____ x _____ = _____ **Fee (\$)** **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)** _____ - 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(3)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 USC 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	_____ /50	_____ (round up to a whole number) x _____	_____	_____

4. OTHER FEE(S)

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	_____
Other (e.g. late filing surcharge): _____ Recordation of Assignment	\$40.00

SUBMITTED BY

Signature	<i>Julian L. Siegel</i>	Registration No. (Attorney/Agent) 22,407	Telephone (781) 377-4074
Name (Print/Type)	JULIAN L. SIEGEL		Date 16 March 2006