FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 JUN 0 4 2001

06-14-2001



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

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Conveying Party(ies)	Mark if additional passes of
Name (line 1) Egolf, Stephen P.	Month Day Year
Egorr, Stephen F.	10062001
Name (line 2) Northrop Grumman Corpora Second Party	Execution Date
Name (line 1)	Month Day Year
Name (III a)	
Name (line 2)	
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) Government of the United S	is an assignment and the
Name (line 2) by the Secretary of the A	ir Force receiving party is not domiciled in the United States, an appointment
Address (line 1) 40 WRIGHT STREET	of a domestic representative is attached. (Designation must be a
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Address (line 3) HANSCOM AFB	MA 01731-2903
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<b>FORM</b>	PTO	-16	19B
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## Page 2

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

Correspondent Name and Address  Area Code and Telephone Num	ber (781) 377-4072			
Name JULIAN L. SIEGEL				
Address (line 1) ESC/JAZ				
Address (line 2) BLDG 1120				
Address (line 3) 40 WRIGHT STREET				
Address (line 4) HANSCOM AFB, MA 01731-2903				
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Patent Application Number(s)  09/184,462	Patent Number(s)			
03/104;402)				
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If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent ap signed by the first named executing inventor.	pilication was			
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has not been assigned.				
Number of Properties  Enter the total number of properties involved.	# 1			
Fee Amount for Properties Listed (37 CFR 3.4	1): \$ 40			
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Deposit Account Number:	# AF 01-0465			
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indicated herein.	.1			
JULIAN L. SIEGEL William & Siegel	30 May 2001			
Name of Person Signing Signature	Date			
Addition of the Control of the Contr				

**PATENT** 

REEL: 011881 FRAME: 0876

## AF Inv. No. AFB00086

## ASSIGNMENT (SOLE - CONTRACTOR)

WHEREAS the Government of the United States of America entered into a contract numbered F30602-91-C-0032 with Westinghouse as Contractor, which contract provides that as to all discoveries, inventions, or improvements made or first reduced to practice in the performance thereof and not covered or to be covered by applications for Letters Patent filed by the Contractor, the Government of the United States shall be entitled to an assignment of the entire right, title, and interest therein, reserving to the Contractor, however, a nonexclusive, revocable, royalty-free license therein;

WHEREAS Stephen P. Egolf was employed by the Contractor and during the course of his employment made an invention entitled BROADBAND LOW LOSS SOLDERLESS INTERCONNECT which invention forms a part of the aforesaid contract; and

WHEREAS the Contractor has signified its intention not to file an application for Letters Patent on the aforesaid invention;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Stephen P. Egolf, the inventor and Westinghouse, the Contractor, by its duly authorized officer or agent, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the Secretary of the Air Force, the entire right, title, and interest throughout the United States of America, its territories and dependencies, and all foreign countries, in and to the said invention entitled BROADBAND LOW LOSS SOLDERLESS INTERCONNECT described in the specification executed by me on or about the \_\_\_\_\_ day of October 1998, preparatory to obtaining Letters Patent of the United States therefore and all Letters Patent issuing thereon and any continuations, divisions, and reissues or extensions thereof, reserving to the Contractor a nonexclusive, revocable, royalty-free license to make, use and/or sell the subject matter of said invention described in the aforesaid specification and in any patent or patents which may issue thereon and any continuations, divisions and reissues or extensions thereof without the payment of royalties thereon, which license shall be assignable to the successor of that part of the Contractor's business to which it pertains; we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the 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 the assignee of the said entire right, title and interest in and to the same for the sole use, except as aforesaid 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, except as aforesaid, as the same would have been held by Stephen P. Egolf and Westinghouse had this assignment not been made, and I, Stephen P. Egolf, the inventor, hereby agree to execute any and all applications for Letters Patent, both domestic and foreign, and to furnish all data and documents and to execute any papers which may be necessary for the preparation and filing of such applications, except it shall be understood that I shall not be subject to any out-of-pocket expense relative to such action.

> PATENT REEL: 011881 FRAME: 0877

Hargland -Before me, a Notary Public in and for the county of Batterians are state of Maryland, on this 6th day of October 1998, personally appeared STEPHEN P. EGOLF to me known personally, who being duly sworn did say that he is the inventor who signed the above instrument and acknowledged said instrument to be his free act and deed. (SEAL) JANE B. CALLANAN NOTARY PUBLIC STATE OF MARYLAND My Commission Expires April 2, 2002 Signed this 6th day of October 1998 Contractor Northrop Grumman Corporation Officer Stephen D. Yslas Title Vice President and Deputy General Counsel **Business Address** 1745A West Nursery Road - MS A440 Linthicum, MARYLAND 21090 I, Stephen D. Yslas, certify that Northrop Grumman Corporation, is the present Owner of the business of the Westinghouse Electronic Systems Division, named as the Contractor herein, that this assignment is duly signed for and in behalf of Northrop Grumman Corporation by authority of its governing body, and is within the scope of its corporate powers. Stephen D. Yslas

RECORDED: 06/04/2001

Signed this 23<sup>rd</sup> day of MAY 2001

Signature:

**PATENT** REEL: 011881 FRAME: 0878