06-22-20	01	
FACSIMILE OF FORM PTO-1595 10175699 PATEN	SHEET U.S. DEPARTMENT OF COMMERCE	
To the Honorable Commissioner of Patents and Trademarks: F	Please record the attached original documents or copy thereof	
1. Name of conveying party(ies): <b>G-(8-0)</b> <b>Torben Brandt</b> <b>Robert O. Edman</b>	2. Name and address of receiving party(ies): Name: LOCKHEED MARTIN CORPORATION (A Maryland Corporation)	
Additional name(s) of conveying party(ies) attached?	Internal Address:	
3. Nature of conveyance:	Street Address: 6801 Rockledge Drive	
x Assignment □ Merger □ Security Agreement □ Change of Name	City: Bethesda State: MD Zip: 20817	
□ Other Execution Date: May 14, 2001 and June 05, 2001	Additional name(s) & address(es) attached?  Yes x No	
<ol><li>Application number(s) or patent number(s):</li></ol>		
If this document is being filed together with a new applicatio of the application is:		
A. Patent Application No.(s) 09/692,833	B. Patent No.(s)	
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved: 1	
Name: Seth M. Nehrbass Internal Address: <u>GARVEY, SMITH, NEHRBASS &amp; DOODY,</u> L.L.C.	7. Total fee (37 C.F.R. 3.41)	
Street Address: <u>3838 N. Causeway Blvd., Suite 3290</u>	8. Deposit account number:	
City: <u>Metairie</u> State: <u>LA</u> Zip: <u>70002</u>	50-0694 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
06/21/2001 DBYRNE 00000220 09692833 01 FC:581 40.00 DP		
9. Statement and signature.         To the best of my knowledge and belief, the foregoing information original document.         Brett A. North         Name of Person Signing	tion is true and correct and any attached copy is a true copy of the <hr/> <hr< td=""></hr<>	
Total number of page	s including cover sheet, attachments and document:	

P:\Brett\46455.9R.ARF.wpd

## **ASSIGNMENT**

WHEREAS, I, whose name and residence are as stated below, am a joint inventor of the invention claimed in U.S. Patent Application Serial No. 09/692,833, filed 19 October 2000, for reissue of U.S. Letters Patent Number 5,822,838; and

WHEREAS, LOCKHEED MARTIN CORPORATION, a corporation of the State of Maryland, having an office at 6801 Rockledge Drive, Bethesda, Maryland 20817, hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the aforesaid and invention and application for reissue throughout the world, and all right, title and interest in, to and under any and all divisions, continuations, continuations-in-part, reissues, and Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by ASSIGNEE and for other good and valuable considerations, the receipt of which is hereby acknowledged, I hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to the invention throughout the world, and said application for reissue of U.S. Letters Patent Number 5,822,838, and any and all divisions, continuations, continuations-in-part, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by ASSIGNEE for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said reissue application and from any and all divisions, continuations, continuations-in-part, and reissues thereof, to ASSIGNEE as assignee of my entire interest, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith.

And I further hereby covenant and agree that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to ASSIGNEE, its successors, assigns, or other legal representatives and that if ASSIGNEE, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional, continuation, or continuationin-part application, or such application for reissue and the procuring thereof, and for the

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PATENT REEL: 011905 FRAME: 0889 filing of such disclaimer, without further compensation but at the expense of ASSIGNEE, its successors, or other legal representatives.

And I do further covenant and agree that I will, at any time upon request, communicate to ASSIGNEE, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to me, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of ASSIGNEE, its successors, or other legal representatives.

DATE: 5-14-01

Residence: Post Office Address: Citizenship: **Torben Brandt** Burbank, California 912 Cambridge Driv

Valen Brandt

912 Cambridge Drive, Burbank, California 91504 U.S.

STATE OF California	
COUNTY OF LOS Angeles	
BEFORE ME, the undersigned authority, on this day	personally appeared
Torben Brandt, known to me to be the person whose name is subscri	bed to the foregoing
instrument, and acknowledged to me that he executed the same for	or the purposes and
consideration therein expressed	

consideration mereni expressed.	/// <b>////</b>
AA GIVEN UNDER MY	HAND and seal of office this $147$ day of
, 2001.	- AR
CHRISTINE ADAMS TRIPP Commission # 1185602 Notary Public - California Los Angeles County My Comm. Expires May 31, 2002	Notary Public in and for the State of <u>California</u>

DATE: 6-05-01

Residence: Post Office Address:

Citizenship:

STATE OF California COUNTY OF LOS Angeles

**Robert O. Edman** Torrance, California<sup>4</sup>

17030 Yukon Avenue, Apt. 22, Torrance, California 90504 U.S.

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PATENT REEL: 011905 FRAME: 0890 BEFORE ME, the undersigned authority, on this day personally appeared Robert O. Edman known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

$\left( \begin{array}{c} \\ \end{array} \right)$	GIVEN UNDER M	IY HAND and seal of office this $5 day$ of
	My Comm. Expres May 31, 2002	Notary Public in and for the State of <u>California</u>
Ź	CHRISTINE ADAMS TRIPP	, ,

3 PATENT REEL: 011905 FRAME: 0891

**RECORDED: 06/18/2001**