RECORE Form PTO-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 05/01) 102155547 OMB NO. 0651-0027 (exp. 5/31/2002 Tab settings ⇒⇒⇒ To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) OIPE Michael Joseph Glogowski Name Neil Evan Goodzeit LOCKHEED MARTIN CORPORATION JUL 0 8 **200**2 Street Address: 6801 Rockledge Drive Additional name(s) of conveying party(ies) attached ⊠ No Bethesda, Maryland 20817 3. Nature of conveyance: Assignment Merger Additional Name(s) & address(es) attached? ? Yes No. Security Agreement Change of Name Other Corrective Recordation Form Cover Sheet Execution Date: February 14, 2002 & March 29, 2002 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) 10/114,472 filed April 3, 2002 Additional numbers attached?? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved? concerning document should be mailed: 7. Total Fee (37 CFR 3.41) \$ 40.00 Name Edward A. Pennington Enclosed Internal Address Suite 300 Authorized to be charged to deposit account. Street Address: 3000 K Street, N.W. 8. Deposit Account Number: 195127, 18180.0152 City: Washington State: D.C. Zip 20007-5116 00000029 195127 10114472 07 12/2002 DBYRNE 40.00 CH 01 FC:581 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 document June 2 8 , 2002 Edward A. Pennington, RN 32588 Name of Person Signing Total number of pages including cover sheet, attachments, and documents.

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(Rev. 05/01)	U.S. DEPARTMENT OF COMMERCE
OMB NO. 0651-0027 (exp. 5/31/2002)	
Tab settings ⇒⇒⇒ To the Honorable Commissioner 10205	original documents or copy thereof
Name of conveying party(ies)	2. Name and address of receiving party(ies)
Michael Joseph Glogowsky Neil Evan Goodzeit Michael Joseph Glogowsky	Name LOCKHEED MARTIN CORPORATION
	BOOKHELD MAKTIN CORI OKATION
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: 6801 Rockledge Drive Bethesda, Maryland 20817
3. Nature of conveyance:	T =
Assignment Merger	
☐ Security Agreement ☐ Change of Name	Additional Name(s) & address(es) attached? ? Yes No
Other	,
Execution Date: February 14, 2002 & March 29, 2002	19114472
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: February 14, 2002 &	
March 29, 2002	
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? ? Ses Solo	
5. Name and address of party to whom correspondence	ned?? Tyes Tyon No 6. Total number of applications and patents involved? [1]
concerning document should be mailed:	7. Total Fee (37 CFR 3.41) \$ 40.00
Name Edward A. Pennington	,, rotal rec (5, et it 5, 1),
Internal Address <u>Suite 300</u>	☐ Enclosed
internal Address Sale 500	Authorized to be charged to deposit account.
Street Address: 3000 K Street, N.W.	
City: Washington State: D.C. Zip 20007-5116	8. Deposit Account Number: 195127, 18180.0152
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 document	
$f = \begin{pmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \end{pmatrix}$ April 3 .2002	
John P. Moran, RN 30,906	
Name of Person Signing 16/2002 DBYRHE 00000019 195127 10114472 Total number of pages including cover sheet, attachments, and documents	
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Ma?-27-02

Docket No. 18180.0152

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS: Michael Joseph Glogowsky residing at 47 DOMAINE DE L'ALBAREDE	
3/650 AUZIFLIE FRANCE	
Noil Evan Goodzeit residing at 180 Sayne Drive, Princeton, NJ, (3540)	
(full name(s) and post office address(s) of inventor(s) (including country))	
(hereinafter referred to as ASSIGNOR(S)), has made a discovery or invention entitled:	
GIMBALED ION THRUSTER ARRANGEMENT FOR HIGH EFFICIENCY STATIONKEEPING	
for which application for Letters Patent of the United States has been executed on even date herewith,	
for which application for Letters Patent of the United States has been filed on, under Application No, and	
WHEREAS:	
LOCKHEED MARTIN CORPORATION, a corporation of Maryland, having a business address of 6801 Rockledge Drive, Bethesda, Maryland 20817 (name, state of incorporation, and address of assignee)	
(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.	
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:	
Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.	
I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention	

to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behoof of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this

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instrument.

PATENT REEL: 13073 FRAME: 0757

Docket No. 18180.0152

I, SAID, ASSIGNOR(S), hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Signed:

(1)

(2)

Mar-27-02

Michael Joseph Glo<u>gowsk</u>i

Date:

2/14/02

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RECORDED: 07/08/2002

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