

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Complete Owner Address previously recorded on Reel 10632 Frame 0641. Assignor(s) hereby confirms the Lockheed Martin Corporation 1111 Lockheed Martin Way Sunnyvale, CA 94088.												
CONVEYING PARTY DATA													
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>David Wilber McGaughey</td><td>03/14/2000</td></tr></table>		Name	Execution Date	David Wilber McGaughey	03/14/2000								
Name	Execution Date												
David Wilber McGaughey	03/14/2000												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Lockheed Martin Corporation</td></tr><tr><td>Street Address:</td><td>6801 Rockledge Drive</td></tr><tr><td>Internal Address:</td><td>MS 236</td></tr><tr><td>City:</td><td>Bethesda</td></tr><tr><td>State/Country:</td><td>MARYLAND</td></tr><tr><td>Postal Code:</td><td>20817</td></tr></table>		Name:	Lockheed Martin Corporation	Street Address:	6801 Rockledge Drive	Internal Address:	MS 236	City:	Bethesda	State/Country:	MARYLAND	Postal Code:	20817
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Street Address:	6801 Rockledge Drive												
Internal Address:	MS 236												
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Postal Code:	20817												
PROPERTY NUMBERS Total: 1													
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Patent Number:</td><td>6239531</td></tr></table>		Property Type	Number	Patent Number:	6239531								
Property Type	Number												
Patent Number:	6239531												
CORRESPONDENCE DATA													
Fax Number: (301)897-6606 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Email: Patrick.M.Hogan@lmco.com													
Correspondent Name: Patrick M. Hogan													
Address Line 1: 6801 Rockledge Drive													
Address Line 2: MS 236													
Address Line 4: Bethesda, MARYLAND 20817													
NAME OF SUBMITTER:	Patrick M. Hogan												
Total Attachments: 3 source=6239531#page1.tif source=6239531#page2.tif source=6239531#page3.tif													

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PATENT  
REEL: 015442 FRAME: 0723

6239531

03-28-2000

Form PTO-1595

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To the Assistant Commissioner for Patents: Please record the



101298998

U.S. Department of Commerce  
Patent and Trademark Office

1. Name of conveying party(ies) David Wilber McGaughey Addit'l name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Lockheed Martin Corporation 1111 Lockheed Martin Way Sunnyvale, California 94089 Addit'l. name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 09,526693	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of name <input type="checkbox"/> Other Execution Date: March 14, 2000			
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: March 14, 2000 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Robert C. Bertin, Esquire Swidler Berlin Shereff Friedman, LLP 3000 K Street, NW, Suite 300 Washington, DC 20007		6. Total number of applications and patents involved <input type="checkbox"/> 1 7. Total fee (37 CFR 3.41).....\$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Charge deficiencies/credit overpayments to Deposit Account, Order No. 8. Deposit Account No: _____ (Attach duplicate copy of this page if paying by deposit account)	
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. <u>Robert C. Bertin</u> Date: March 15, 2000 Robert C. Bertin Reg. No. 41,488 Total number of pages including cover sheet: <u>4</u>			
Do not detach this portion			
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.			

PATENT  
REEL: 010632 FRAME: 0641

PATENT  
REEL: 015442 FRAME: 0724

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

David Wilber McGaughey of 151 Line Road, West Chester County, West Chester, PA 19380, USA  
(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:

APPARATUS AND METHOD OF MECHANICALLY COMMUTATING A BRUSHLESS MOTOR

- ☒ 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 Serial No. \_\_\_\_\_, and

WHEREAS:

Lockheed Martin Corporation, 1111 Lockheed Martin Way, Sunnyvale, CA 94089, USA  
(name 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 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 instrument.

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 compen. sation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Signed:

- (1) David Wilber McGaughey Date: 3-14-00  
 David Wilber McGaughey
- (2) \_\_\_\_\_ Date: \_\_\_\_\_
- (3) \_\_\_\_\_ Date: \_\_\_\_\_
- (4) \_\_\_\_\_ Date: \_\_\_\_\_

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RECORDED: 03/15/2000

PATENT  
REEL: 010632 FRAME: 0643

RECORDED: 12/14/2004

PATENT  
REEL: 015442 FRAME: 0726