

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4057554

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| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the RECEIVING PARTY STATE previously recorded on Reel 028262 Frame 0286. Assignor(s) hereby confirms the CORRECTIVE ASSIGNMENT TO CORRECT THE RECEIVING PARTY STATE FROM TEXAS TO MARYLAND, ORIGINALLY RECORDED AT REEL/FRAAME 028262/0286. |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| KENNETH M DORSETT | 05/24/2012 |

RECEIVING PARTY DATA

| | |
|------------------------|-----------------------------|
| Name: | LOCKHEED MARTIN CORPORATION |
| Street Address: | 6801 ROCKLEDGE DRIVE |
| City: | BETHESDA |
| State/Country: | MARYLAND |
| Postal Code: | 20817-1877 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13466202 |

CORRESPONDENCE DATA

Fax Number: (248)689-4071

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: REISING ETHINGTON P.C.

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| | |
|--------------------------------|-----------------|
| ATTORNEY DOCKET NUMBER: | 7134.3040.002 |
| NAME OF SUBMITTER: | ERIC T. JONES |
| SIGNATURE: | /Eric T. Jones/ |
| DATE SIGNED: | 09/19/2016 |

Total Attachments: 3

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PATENT ASSIGNMENT

Electronic Version v1.1
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|---|-----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Kenneth M Dorsett | 05/24/2012 |
| RECEIVING PARTY DATA | |
| Name: | Lockheed Martin Corporation |
| Street Address: | 6801 Rockledge Drive |
| City: | Bethesda |
| State/Country: | TEXAS MARYLAND |
| Postal Code: | 20817-1877 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13466202 |
| CORRESPONDENCE DATA | |
| Fax Number: | (817)762-4813 |
| Phone: | 817-763-1700 |
| Email: | genevieve.williams@lmco.com |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Correspondent Name: | Lockheed Martin Aeronautics |
| Address Line 1: | P.O. Box 748, MZ 1237 |
| Address Line 4: | Fort Worth, TEXAS 76101 |
| ATTORNEY DOCKET NUMBER: | TA-01319 |
| NAME OF SUBMITTER: | Genevieve Williams |
| Total Attachments: 2 source=TA-01319 ExecutedAssignment#page1.tif source=TA-01319 ExecutedAssignment#page2.tif | |

CH \$40.00 13466202

ASSIGNMENT

WHEREAS I, Kenneth M. Dorsett residing at 120 Rim Rock Road, Aledo, TX 76008; respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled VORTEX GENERATION, which is being executed concurrently herewith;

AND WHEREAS, LOCKHEED MARTIN CORPORATION, a corporation of the State of Maryland and having an address of 6801 Rockledge Drive, Bethesda, MD 20817-1877, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto LOCKHEED MARTIN CORPORATION, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

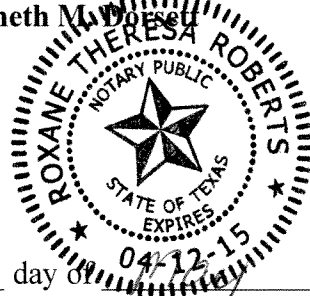
AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said LOCKHEED MARTIN CORPORATION, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 24TH day of MAY, 2012.

Kenneth M. Dorsett

Kenneth M. Dorsett

STATE OF Texas)
) ss.
COUNTY OF Tarrant)



On this 24 day of MAY, 2012, before me, a Notary Public in and for said county, appeared **KENNETH M. DORSETT**, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

Roxane Theresa Roberts
Notary Public
My commission expires: 4-12-15