

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARUL MANICKAM	04/21/2015
PETER G. KAUP	04/21/2015
JOHN B. STETSON	04/21/2015
RECEIVING PARTY DATA	
Name:	LOCKHEED MARTIN CORPORATION
Street Address:	6801 ROCKLEDGE DRIVE
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20817-1877
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15003704
PCT Number:	US2016014331
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ATTORNEY DOCKET NUMBER:	111423-1045; 111423-1061
NAME OF SUBMITTER:	THOMAS G. BILODEAU
SIGNATURE:	/THOMAS G. BILODEAU /
DATE SIGNED:	09/21/2016
Total Attachments: 2	
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source=PT-00004 (095224-0013) - executed Assignment#page2.tif	

ASSIGNMENT

WHEREAS WE, Arul MANICKAM of 1213 Larchmont Place, Mount Laurel, New Jersey 08054, Peter G. KAUP, 208 Lakeshore Drive, Marlton, New Jersey 08053 and John B. STETSON, Jr., of 485 Street Road, New Hope, Pennsylvania 18938, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled ESTIMATION OF ABSOLUTE AXES' ORIENTATIONS FOR A FIXED DIAMOND NITROGEN VACANCY SENSOR, which was filed on February 4, 2015, and identified by United States Patent Application No. 62/112,079;

AND WHEREAS, LOCKHEED MARTIN CORPORATION, a corporation of the State of Maryland and having an address of 6801 Rockledge Drive, Bethesda, Maryland 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 therefor;

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;

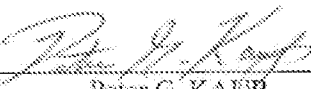
UPON SAID CONSIDERATIONS, we hereby agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional 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 choses 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.

7/21/2015
Date


Arul MANICKAM

7/21/2015
Date


Peter G. KAUP

Date

John B. STETSON, Jr.

ASSIGNMENT

WHEREAS WE, Arul MANICKAM of 1213 Larchmont Place, Mount Laurel, New Jersey 08054, Peter G. KAUP, 208 Lakeshore Drive, Marlton, New Jersey 08053 and John B. STETSON, Jr., of 485 Street Road, New Hope, Pennsylvania 18938, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled ESTIMATION OF ABSOLUTE AXES' ORIENTATIONS FOR A FIXED DIAMOND NITROGEN VACANCY SENSOR, which was filed on February 4, 2015, and identified by United States Patent Application No. 62/112,079;

AND WHEREAS, LOCKHEED MARTIN CORPORATION, a corporation of the State of Maryland and having an address of 6801 Rockledge Drive, Bethesda, Maryland 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 therefor;

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 choses 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.

Date Arul MANICKAM

Date Peter G. KAUP

4/21/2015

Date John B. STETSON, Jr.
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