

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4350472

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEVEN W. MITCHELL	03/28/2017
RECEIVING PARTY DATA	
Name:	LOCKHEED MARTIN CORPORATION
Street Address:	6801 ROCKLEDGE DRIVE
City:	BETHESDA
State/Country:	MARYLAND
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	62195108
Application Number:	15211566
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ATTORNEY DOCKET NUMBER:	20057.0193USU1
NAME OF SUBMITTER:	JAMES A. LARSON
SIGNATURE:	/James A. Larson/
DATE SIGNED:	04/03/2017
Total Attachments: 2	
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Assignment of Invention

WHEREAS, I, Steven W. MITCHELL, of 10286 Greystone Road, Manassas, Virginia 20111 U.S.A., have invented certain new and useful improvements in an invention entitled REAL-TIME ANALYSIS AND CONTROL OF ELECTRON BEAM MANUFACTURING PROCESS THROUGH X-RAY COMPUTED TOMOGRAPHY, for which a provisional patent application was filed on July 21, 2015, and was identified in the United States Patent Office by Application No. 62/195,108, and for which an application for Letters Patent of the United States has been filed on July 15, 2016, and which may be identified in the United States Patent Office by Application No. 15/211,566.

WHEREAS, Lockheed Martin Corporation (hereinafter "Assignee"), a corporation organized and existing under the laws of the state of Maryland, and having its principal offices located at 6801 Rockledge Drive, Bethesda, Maryland 20817, U.S.A., is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefore.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors or assigns, my entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said applications, all divisions, continuations, or continuation-in-part, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been filed or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title, and interest in and to the same, for the use of the said Assignee, its successors and assigns.

Upon said consideration I do hereby covenant and agree with the said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, 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, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or

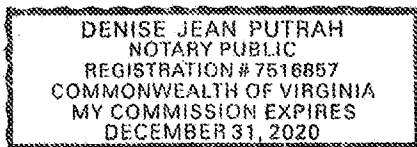
patents, by giving testimony in any proceedings or transactions involving such applications or patents.

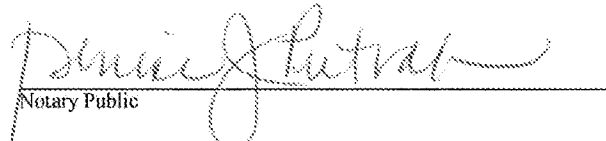
IN WITNESS WHEREOF, I have hereunto set my hand this 28 day of March, 2017.


Steven W. MITCHELL

COMMONWEALTH OF VIRGINIA)
COUNTY OF PRINCE WILLIAM)

On this 28 day of March 2017, before me personally appeared Steven W. MITCHELL known to me or identified as the person described in and who executed the foregoing assignment, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.




Notary Public