

103458382

eet

U.S. PTO 11/976454 10/24/2007

Page 1 of 1

Attorney's Docket No. 1017750-000922

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1.	Name of conveying party(ies): 1) Stephen B. Grimshaw 2) Frank B. Butler				
2.	Name and address of receiving party(ies): Lockheed Martin Corporation 6801 Rockledge Drive Bethesda, Maryland 20817				
3.	Nature of Conveyance/Execution Date(s): 1) October 15, 2007; and 2) October 15, 2007.				
	Assignment				
4.	Application or patent number(s):				
	A. Patent Application No.(s) B. Patent No.(s)				
	[List Application Numbers here] [List Patent Numbers here]				
	This document is being filed together with a new application.				
5.	Name and address to whom correspondence concerning document should be mailed:				
	Name: Patrick C. Keane				
	Address: Buchanan Ingersoll & Rooney PC Customer Number 21839 P.O. Box 1404				
	Alexandria, VA 22313-1404				
6.	Total number of applications and patents involved: 1				
7.	Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Authorized to be charged by credit card. PTO Form 2038 attached. Authorized to be charged to deposit account 02-4800 Enclosed. None required (gov't interest not affecting title)				
8.	Signature: Joneth Process 32858 October 24, 2007				
	Signature: 32858 October 24, 2007				
	Signature Reg. No. Date				
	For Patrick C. Keane				
	Name of Person Signing Total number of pages including cover sheet, attachments, and documents:				

10/25/2007 CNGUYEN2 00000051 11976454 06 FC:8021 40.00 0

ASSIGNMENT

(JOINT)

THIS	SASSIC	SNME	NT, by Stephen B. Grimshaw and Frank B. Butler, residing at 430 Bywater.
Orlando, Flo	rida 321	339 ar	nd 1959 Lenmore Court, Orlando, Florida 32812 (hereinafter referred to as
7			vely, witnesseth: 298 HENDERSON LU, MINERAL BLUFF, GEORGIA 3055
			Assignors nave invented certain new and useful improvements in
			AULATION SYSTEM AND METHOD set forth in an application for Letters
Patent of the	United	State	s, which is a
(1)		prov	sional application
	(a)		bearing Application No. , and filed on ;
	(b)		to be filed herewith; or
(2)	⊠,	non-	provisional application
	(a)		bearing Application No. , and filed on :
	(b)	×	having an oath or declaration executed on even date herewith prior to filling of application:
	(c)		having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, LOCKHEED MARTIN CORPORATION, a corporation duly organized under and pursuant to the laws of Maryland and having a principal place of business at 6801 Rockledge Drive. Bethesda, Maryland 20817 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives; and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications; and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefore and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the international Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been field and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

Page 1 of 2

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents; or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents; take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known:

AND the Assignors hereby request the Commissioner of Patents to issue any and all said. Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

12

DATE 10/15/07	Mag-
	Stephen B. Grimshaw
DATE	Frank B' Butler

c. 5023

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives; and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings; is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation in part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful caths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors; legal representatives, and assigns.

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docker number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to Issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions; the Letters Patent to be issued for the sole use and behoof of the Assignee. Its successors, legal representatives, and assigns.

DATE

DATE 15 OCT 2007

Stephen B. Grimshaw

Frank R. Rittler

Page 2 of 2