503855726 06/03/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3902375

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM HREHA	06/01/2016
ANNE ELIZABETH WHARTON	05/27/2016
ERIN MICHELLE LAVIS	05/27/2016
DAVID LINFORD FOULKE	05/28/2016
GUILLAUME LAMONTAGNE	05/27/2016
ERIC SHIMA	05/31/2016
LOUIS TRICHARDT HILDEBRAND	05/27/2016

RECEIVING PARTY DATA

Name:	SPACE SYSTEMS/LORAL, LLC	
Street Address:	3825 FABIAN WAY	
City:	PALO ALTO	
State/Country: CALIFORNIA		
Postal Code:	94303	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15172825

CORRESPONDENCE DATA

Fax Number: (415)489-4150

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.

Phone: 415-489-4100

Email: gbaron@vierramagen.com

Correspondent Name: BURT MAGEN

Address Line 1:575 MARKET STREET, SUITE 3750Address Line 4:SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER: SSLL-01014US0	
NAME OF SUBMITTER:	BURT MAGEN
SIGNATURE:	/Burt Magen/
DATE SIGNED:	06/03/2016

PATENT REEL: 038804 FRAME: 0001

Total Attachments: 8 source=1014-assignment#page1.tif source=1014-assignment#page2.tif source=1014-assignment#page3.tif source=1014-assignment#page4.tif source=1014-assignment#page5.tif source=1014-assignment#page6.tif source=1014-assignment#page7.tif source=1014-assignment#page8.tif

PATENT REEL: 038804 FRAME: 0002

JOING TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1)	William Hreha	
a resident of		; and
(2)	Anne Elizabeth Wharton	
a resident of	Boulder Creek, California	; and
(3)	Erin Michelle Lavis	
a resident of	Erin Michelle Lavis San Jose, California	; and
(4)	David Linford Foulke	
a resident of	David Linford Foulke Mountain View, California	; and
(5)	Guillaume Lamontagne	
a resident of	Montreal, Quebec, Canada	; and
(6)	Eric Shima	
a resident of	Montreal, Quebec, Canada	; and
	Louis Trichardt Hildebrand	
a resident of	Montreal, Quebec, Canada	

have invented certain new and useful improvements in:

SATELLITE SYSTEM USING TIME DOMAIN BEAM HOPPING

and have executed a declaration for an application for a United States Patent disclosing and identifying the invention, the declaration being executed on 5/27/16; 5/28/16; 5/31/16; 6/1/16.

WHEREAS Space Systems/Loral, LLC (hereinafter termed "Assignee"), a Delaware limited liability company, having a place of business at 3825 Fabian Way, Palo Alto, California 94303, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

Page 1 of 8

Attorney Docket No.: SSLL-01014US0 ssll/1014/1014-assignment

- 1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.
- Said Inventors hereby jointly and severally covenant and agree to cooperate with 2. said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

Date: 6/1/14

(1) William Hreha

Anne Elizabeth Wharton

Date:	5/27/2016	(3) Evi M Jani	
	•	Erin Michelle Lavis	

Page 4 of 8

Date: 28 May 2016

David Linford Foulke

Date:	2016.05-27	(5) <u>Unillium</u> Mits
-------	------------	--------------------------

Page 6 of 8

Date:	31/05/2016	(6)
	• •	Eric Shima

Page 7 of 8

Date: 27 MAY 2016

Louis Trichardt Hildebrand

Page 8 of 8

Attorney Docket No.: SSLL-01014US0 ssll/1014/1014-assignment

PATENT REEL: 038804 FRAME: 0010

RECORDED: 06/03/2016