

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM334274

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Orbital Technologies Corporation		03/04/2015	CORPORATION: WISCONSIN
RECEIVING PARTY DATA			
Name:	Bank of America, N.A., as Administrative Agent		
Street Address:	231 S. LaSalle Street, IL1-231-10-41		
City:	Chicago		
State/Country:	ILLINOIS		
Postal Code:	60604		
Entity Type:	National Bank: UNITED STATES		
PROPERTY NUMBERS Total: 9			
Property Type	Number	Word Mark	
Registration Number:	2941880	PEDALERT	
Registration Number:	2941881	HYPERCOSM	
Registration Number:	2962444	ORBITEC	
Registration Number:	2987818	SPACE GARDEN	
Registration Number:	3386465	ASTRO GARDEN	
Registration Number:	3823149	HYDRUS	
Registration Number:	3815762	PROTEUS	
Registration Number:	3905593	T4	
Registration Number:	3905594	T6	
CORRESPONDENCE DATA			
Fax Number:	7044448847		
<i>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.</i>			
Phone:	704-343-2000		
Email:	ksaltrick@mcguirewoods.com		
Correspondent Name:	McGuireWoods LLP		
Address Line 1:	201 North Tryon Street		
Address Line 2:	Attention: Rebecca Chaffin, Esq.		
Address Line 4:	Charlotte, NORTH CAROLINA 28202		

OP \$240.00 2941880

ATTORNEY DOCKET NUMBER:	4452178-3293
NAME OF SUBMITTER:	Rebecca Chaffin
SIGNATURE:	/s/ Rebecca Chaffin
DATE SIGNED:	03/06/2015

Total Attachments: 5

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**NOTICE OF SECURITY INTEREST IN
PATENTS AND TRADEMARKS**

U.S. Department of Commerce
U.S. Patent and Trademark Office

Please be advised that each of the undersigned has granted a continuing security interest in, and a continuing lien upon, all of the trademarks and trademark applications listed on ANNEX I attached hereto and all patents and patent applications listed on ANNEX II attached hereto, to **BANK OF AMERICA, N.A.**, as Administrative Agent (the "Administrative Agent"), pursuant certain Security Agreement dated as of June 26, 2008 and as further amended and restated by that certain Amended and Restated Security Agreement dated as of December 14, 2012 (and as further amended, restated, supplemented or otherwise modified from time to time, including by joinder of additional grantors, the "Security Agreement") among the Assignor, Advanced Concept and Mission Systems, Dream Chaser, Inc., E.F. Solar LLC, Kisa Acquisition, LLC, MicroSat Systems, Inc., Nevada Solar Development, LLC, Sierra Solar I LLC, Sierra Solar II LLC, SpaceDev, Inc., Starsys, Inc., Straight Flight Nevada Commercial Leasing, LLC, Straight Flight, Inc., Global Security Management Services, LLC, SNC Holding LLC, Sierra Nevada Technical Services LLC, Airborne Services Global LLC, Airborne Services Global II LLC, 3S Holding LLC, 3S Certification, LLC, 3S Engineering, LLC and the Administrative Agent.

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Dated this 4th day of March, 2015.

ORBITAL TECHNOLOGIES CORPORATION

By: 

Name: Eren Ozmen

Title: President

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NOTICE OF SECURITY INTEREST
Signature Page

TRADEMARK
REEL: 005472 FRAME: 0938

ANNEX I
TRADEMARKS AND TRADEMARK APPLICATIONS

Mark	Registration No.	Owner
PEDALERT	2941880	Orbital Technologies Corporation
HYPERCOSM	2941881	Orbital Technologies Corporation
ORBITEC	2962444	Orbital Technologies Corporation
SPACE GARDEN	2987818	Orbital Technologies Corporation
ASTRO GARDEN	3386465	Orbital Technologies Corporation
HYDRUS	3823149	Orbital Technologies Corporation
PROTEUS	3815762	Orbital Technologies Corporation
T4	3905593	Orbital Technologies Corporation
T6	3905594	Orbital Technologies Corporation

ANNEX II
PATENTS AND PATENT APPLICATIONS

Owner: **Orbital Technologies Corporation**

Title (ALL CAPS)	Filing Date	Application No.	Issue Date	Patent No.
LIMB LOAD MONITOR	8/2/1996	08/691740	1/16/2001	6174294
CRYOGENIC SOLID HYBRID ROCKET ENGINE AND METHOD OF PROPELLING A ROCKET	5/27/1999	09/321231	8/15/2000	6101808
VORTEX FLOW FIELD AND APPARATUS AND METHOD FOR PRODUCING THE SAME	6/21/1999	09/337457	10/9/2001	6298659
HYBRID ROCKET ENGINE AND METHOD OF PROPELLING A ROCKET	9/26/2001	09/964294	8/5/2003	6601380
HYBRID ROCKET ENGINE AND METHOD OF PROPELLING A ROCKET	7/30/2003	10/630091	3/15/2005	6865878
MATERIAL REGRESSION SENSOR	4/11/2001	09/832471	7/8/2003	6590403
MARINE LED LIGHTING SYSTEM AND METHOD	10/27/2008	12/258897	12/7/2010	7845814
MARINE LED LIGHTING SYSTEM AND METHOD	1/6/2009	12/349156	2/1/2011	7878674
MARINE LED LIGHTING SYSTEM AND METHOD	6/22/2011	13/166430	3/5/2013	8388163
MARINE LED LIGHTING SYSTEM AND METHOD	3/1/2013	13/782088	10/14/2014	8858012
PROCESS TO CREATE SIMULATED LUNAR AGGLUTINATE PARTICLES	1/22/2008	12/017681	11/29/2011	8066796
UPGRADEABLE CONTROL SYSTEM FOR AQUARIUM LIGHTING	9/21/2011	13/238637	10/21/2014	8863694
UPGRADEABLE CONTROL SYSTEM FOR AQUARIUM LIGHTING	10/14/2014	14/513910	-	-
LED OMNI-STRIP LIGHTING SYSTEM	3/20/2012	13/424664	11/11/2014	8882291
CONDENSING HEAT EXCHANGER WITH HYDROPHILIC ANTIMICROBIAL COATING	6/20/2008	12/143595	7/1/2014	8763682
MICROGRAVITY CONDENSING HEAT EXCHANGER	7/1/2008	12/166233	3/29/2011	7913499

Title (ALL CAPS)	Filing Date	Application No.	Issue Date	Patent No.
ALL-TERRAIN, DRIVE-BY-WIRE, HIGH-PRESSURE, FIRE FIGHTING APPARATUS	8/14/2008	12/191934	11/23/2010	7836964
ALL-TERRAIN, DRIVE-BY-WIRE, HIGH-PRESSURE, FIRE FIGHTING APPARATUS	7/21/2009	2673551	-	-
LIGHT ULTRA HIGH PRESSURE FIRE VEHICLE SYSTEM	4/22/2009	12/428298	8/9/2011	7992648
LIGHT ULTRA HIGH PRESSURE FIRE VEHICLE SYSTEM	10/21/2011	13/265824	7/15/2014	8776904
LIGHT ULTRA HIGH PRESSURE FIRE VEHICLE SYSTEM	10/19/2009	2683263	-	-
ACOUSTIC IGNITER	2/15/2012	13/396919	-	-
GLOW PLUG TYPE ACOUSTIC RESONANCE IGNITER	5/15/2013	13/894919	-	-

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