

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICHARD E. HODGES	08/19/2016
JONATHAN SAUDER	07/11/2016
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<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91125
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15167703
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	P1870-US
<b>NAME OF SUBMITTER:</b>	ALESSANDRO STEINFL
<b>SIGNATURE:</b>	/Alessandro Steinfl, Reg. No. 56,448/
<b>DATE SIGNED:</b>	09/23/2016
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

We, Mark W. THOMSON, residing in United States with a mailing address at c/o Jet Propulsion Laboratory, 4800 Oak Grove Drive, PASADENA, CA 91109,

Richard E. HODGES, residing in United States with a mailing address at c/o Jet Propulsion Laboratory, M/S: 138-307, 4800 Oak Grove Drive, PASADENA, CA 91109,

Nacer E. CHAHAT, residing in United States with a mailing address at c/o Jet Propulsion Laboratory, M/S: 161-260, 4800 Oak Grove Drive, PASADENA, CA 91109,

Jonathan SAUDER, residing in United States with a mailing address at c/o Jet Propulsion Laboratory, 4800 Oak Grove Drive, PASADENA, CA 91109, and

Yahya RAHMAT-SAMII, residing in United States with a mailing address at c/o Jet Propulsion Laboratory, M/S: 138-307, 4800 Oak Grove Drive, PASADENA, CA 91109,

hereby sell and assign for good and valuable consideration, the receipt of which we hereby acknowledge,

to CALIFORNIA INSTITUTE OF TECHNOLOGY, an entity having its principal place of business in United States at 1200 E. California Blvd. M/C 6-32, PASADENA, CA 91125

hereinafter referred to as the assignee, its successors, assigns and nominees, our entire right, title and interest, including all priority rights under U.S. law and/or International conventions and treaties, in and to the "PARABOLIC DEPLOYABLE ANTENNA"

invented by us, as described and/or claimed in U.S. Provisional Application No. 62/168,118, filed on May 29, 2015, in the corresponding U.S. Patent Application No. 15/167,703, filed on May 27, 2016, and in any other related patent

applications filed and/or to be filed not only for, to and in the United States of America its territories and possessions, but also for, to and in all other countries, including any and all divisions, reissues, continuations, continuations-in-part and extensions of said U.S. Patent Application and any and all International patent applications related to said U.S. Provisional Application No. 62/168,118 and/or U.S. Patent Application No. 15/167,703, and authorize and request any officials whose duty it is to issue patents, to issue any patent on said "PARABOLIC DEPLOYABLE ANTENNA" and/or improvements thereof or resulting therefrom to said assignee or its successors, assigns or nominees, and agree to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part and/or reissue applications, make all rightful oaths and/or declarations and generally do everything possible to aid said assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in the United States of America and in all other countries.

Subscribed and executed at \_\_\_\_\_  
City Country

On \_\_\_\_\_  
Date

Inventor Name: Mark W. THOMSON

Inventor Signature \_\_\_\_\_

Witnessed by:

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Subscribed and executed at PASADENA CA USA  
City Country

On 8-19-2016  
Date

Inventor Name: Richard E. HODGES

Inventor Signature Richard E. Hodges

Witnessed by:

Witness Name: Carl Spurgers Signature [Signature]

Witness Name: SALMAN HASHEM Signature [Signature]

Subscribed and executed at \_\_\_\_\_  
City Country

On \_\_\_\_\_  
Date

Inventor Name: Nacer E. CHAHAT

Inventor Signature \_\_\_\_\_

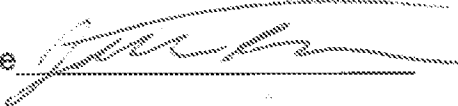
Witnessed by:

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

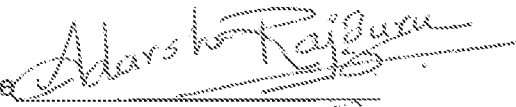
Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_


Subscribed and executed at Pasadena USA  
City Country  
On 7/11/2016  
Date

Inventor Name: Jonathan SAUDER

Inventor Signature 

Witnessed by:

Witness Name: ADARSH RAJGURU Signature 

Witness Name: TED STEINER Signature 

Subscribed and executed at \_\_\_\_\_  
City Country  
On \_\_\_\_\_  
Date

Inventor Name: Yahya RAHMAT-SAMII

Inventor Signature \_\_\_\_\_

Witnessed by:

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_

Witness Name: \_\_\_\_\_ Signature \_\_\_\_\_