

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4700294

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARI D. BROWN	09/19/2017
EMILY M. BARRENTINE	11/21/2017
SHAHID ASLAM	11/15/2017
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<b>Postal Code:</b>	20546
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15691109
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	GSC-17613-1
<b>NAME OF SUBMITTER:</b>	MILELENE GUNYON
<b>SIGNATURE:</b>	/milelene gunyon/
<b>DATE SIGNED:</b>	11/21/2017
<b>Total Attachments: 3</b>	
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source=Assignment-Filed-FINAL#page2.tif	





National  
Aeronautics and  
Space  
Administration

Patent Application

## Assignment to the Government (by Government Employee)

Title of Invention: NANOSTRUCTURED VANADIUM OXIDE UNCOOLED BOLOMETERS AND METHOD OF FABRICATION

Inventor(s): ARI D. BROWN, EMILY M. BARRENTINE, SHAHID ASLAM

NASA Case No.: GSC-17613-1 Application No.: 15691109 Filing Date: 8/30/2017

WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for United States Patent on the above-entitled invention.

NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.

2. Agree to grant to the Government my (our) full and exclusive foreign rights in and to said invention, in accordance with 37 CFR 501.9(d), including rights of priority under the International Convention of Paris (1883), as amended. If the Government chooses not to file an application in any foreign country, I (we) may request rights in that country, in accordance with 37 CFR 501.9(d), and such rights will be subject to the reservation to the Government of a nonexclusive, irrevocable, royalty-free license in the invention with power to grant licenses for all governmental purposes. The terms of such reservation will appear, where practicable, in any foreign patent which may issue on such invention.

3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

\*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

  
(Signature of Inventor)

9/19/17  
(Date Assignment Executed)

9/19/17  
(Date Application Executed)

ARI D. BROWN  
(Inventor's Typed Name)

7684 Blueberry Hill Lane, Ellicott City MD 21043  
(Mailing Address - Including Country)

(Signature of Inventor)

(Date Assignment Executed)

(Date Application Executed)

EMILY M. BARRENTINE  
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2288 17th Street NW Apt. 10 Washington DC 20009  
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(Signature of Inventor)

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SHAHID ASLAM  
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**PATENT**  
**REEL: 044194 FRAME: 0627**



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(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

ARI D. BROWN 7684 Blueberry Hill Lane, Ellicott City MD 21043  
(Inventor's Typed Name) (Mailing Address - Including Country)

(Signature of Inventor) 11/21/2017 11/21/2017  
(Date Assignment Executed) (Date Application Executed)

EMILY M. BARRENTINE 2298 17th Street NW Apt. 10 Washington DC 20009  
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<u>ARI D. BROWN</u>		
<i>(Inventor's Typed Name)</i>	<u>7684 Blueberry Hill Lane, Ellicott City MD 21043</u>	
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<u>EMILY M. BARRENTINE</u>		
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