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PATENT ASSIGNMENT COVER SHEET

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OUDMICCION TYPE:

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDER SMITH	08/11/2016
DANIEL W. FIELD	08/11/2016
ARMEN ASKIJIAN	08/11/2016
JAMES GROSSMAN	08/11/2016

RECEIVING PARTY DATA

Name:	WORLDVU SATELLITES LIMITED	
Street Address:	13 CASTLE STREET	
City:	ST HELIER, JERSEY, CHANNEL ISLANDS	
State/Country:	UNITED KINGDOM	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14673170

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NAME OF SUBMITTER:	IRENE CHRISTINE	
SIGNATURE:	/Irene Christine/	
DATE SIGNED:	08/24/2016	

Total Attachments: 1

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PATENT REEL: 039530 FRAME: 0658 Serial Number: 14/673170 Attorney Docket: 3057-003us1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignment and Agreement

For value received, I, Alexander Smith, of San Jose, California, United States; Daniel W. Field of Sunnyvale, California, United States; Armen Askijian of Sunnyvale, California, United States; and James Grossman of Sunnyvale, California, United States; hereby sell, assign and transfer to WorldVu Satellites Limited (hereinafter "WorldVu"), having an office at 13 Castle Street, St. Heller, Jersey, Channel Islands, JE4 SUT, UK, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, In and to all of the inventions in the patent application entitled Passive Thermal System Comprising Combined Heat Pipe and Phase Change Material and Satellites Incorporating Same and identified by Kaplan Breyer Schwarz & Ottesen's Attorney Docket as 3057-003US1, Serial Number 14/673170, filed on March 30, 2015, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions. I also concurrently hereby sell, assign and transfer to WorldVu Satellites Limited the entire right, title and interest in and to any and all continuations, divisionals, continuations-in-part, and substitutes for aforesaid application.

I also concurrently hereby sell, assign and transfer to WorldVu Satellites Limited the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize WorldVu Satellites Limited to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of WorldVu Satellites Limited to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I hereby declare that I understand the definition of small entity as defined in 37 CFR 1.27 and in Title 13 of the Code of Federal Regulations, and I declare that the owner of this application is a small entity for the purposes of paying reduced fees to the United States Patent and Trademark Office. I further declare that I shall immediately notify, or cause to be notified, the USPTO when the owner of this application ceases to be a small entity for the purposes of paying reduced fees to the United States Patent and Trademark Office.

I hereby acknowledge that in the event of a conflict of interest between WorldVu Satellites Limited and me, the firm of Kaplan Breyer Schwarz & Ottesen, LLP is the attorney for WorldVu Satellites Limited and is not my attorney.

I request that any and all patents for said inventions be issued to WorldVu Satellites Limited in the United States and in all countries foreign to the United States, or to such nominees as WorldVu Satellites Limited may designate.

I agree that, when requested, I shall, without charge to WorldVu Satellites Limited but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Alexander Smith and Date

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Daniel W. Field and Date

Armen Askijián and Date

lannes Grossman and Date

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PATENT REEL: 039530 FRAME: 0659