

PCT REQUESTOriginal (for **SUBMISSION**)

0	For receiving Office use only	PCT/US15/21996
0-1	International Application No.	
0-2	International Filing Date	23 MAR 2015 (23-03-15)
0-3	Name of receiving Office and "PCT International Application"	RO/US
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY/EFS-Web mode] Version 3.51.066.242 MT/FOP 20150101/0.20.5.21
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	49648-459737
I	Title of Invention	TELESCOPE AND TELESCOPE ARRAY FOR USE IN SPACECRAFT
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States
II-4	Name	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED
II-5	Address	223 Grinter Hall Gainesville, Florida 32611 United States of America
II-6	State of nationality	US
II-7	State of residence	US
III-1	Applicant and/or inventor	
III-1-1	This person is	Inventor only
III-1-3	Inventor for	All designated States
III-1-4	Name (LAST, First)	ZHAO, Bo
III-1-5	Address	7819 SW 79th Drive Gainesville, Florida 32608 United States of America

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III-2	Applicant and/or inventor	
III-2-1	This person is	Inventor only
III-2-3	Inventor for	All designated States
III-2-4	Name (LAST, First)	GUZMAN, Rafael
III-2-5	Address	5311 NW 98th Terrace Gainesville, Florida 32653 United States of America
IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	Agent
IV-1-1	Name (LAST, First)	LIGHTNER, Christopher P.
IV-1-2	Address	ALSTON & BIRD LLP Bank of America Plaza 101 South Tryon Street Suite 4000 Charlotte, North Carolina 28280-4000 United States of America
IV-1-3	Telephone No.	(404) 881-7000
IV-1-4	Facsimile No.	(704) 444-1111
IV-1-5	e-mail	Patent-Mail@alston.com
IV-1-5(a)	E-mail authorization) The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)
IV-1-6	Agent's registration No.	62,156
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	BALTICH, Dane A. (55,274); COOPER, Jason P. (38,114); DAVIS, Cory C. (59,932); DRAPER, Aden R. (69,589); KELLY, Christopher B. (62,573); O'CONNOR, Daniel J. (69,023)
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	

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VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	25 March 2014 (25.03.2014)	
VI-1-2	Number	14/224,134	
VI-1-3	Country or Member of WTO	US	
VI-2	Priority document request		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VI-3	Incorporation by reference :		
	where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.		
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (ISA/KR)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	—	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	1	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	—	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	

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VIII-2-1	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	In relation to this international application UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-1(i v)		an assignment from ZHAO, Bo to UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED, dated 21 March 2014 (21.03.2014)
VIII-2-1(i v)		an assignment from GUZMAN, Rafael to UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED, dated 21 March 2014 (21.03.2014)

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IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	5	—
IX-3	Claims	3	—
IX-4	Abstract	1	✓
IX-5	Drawings	5	—
IX-7	TOTAL	19	
Accompanying Items		Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	—
IX-20	Figure of the drawings which should accompany the abstract		
IX-21	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	/LIGHTNER, Christopher P., Reg. No. 62,156/	
X-1-1	Name (LAST, First)	LIGHTNER, Christopher P.	
X-1-2	Name of signatory		
X-1-3	Capacity (if such capacity is not obvious from reading the request)		

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10-1	Date of actual receipt of the purported international application	23 MAR 2015 (23-03-15)
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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