

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DIRK BREYNAERT	11/16/2020
DIMITRIOS CHRISTOPOULOS	11/26/2020
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16972209
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NAME OF SUBMITTER:	JUSTIN J. CASSELL
SIGNATURE:	/Justin J. Cassell/
DATE SIGNED:	12/04/2020
Total Attachments: 4	
source=19828-443_Assignments#page1.tif	
source=19828-443_Assignments#page2.tif	
source=19828-443_Assignments#page3.tif	
source=19828-443_Assignments#page4.tif	

ASSIGNMENT

Title of Invention: **SYSTEM FOR SYNCHRONIZING A GROUND SEGMENT TO A BEAM HOPPING SATELLITE**

This assignment is directed to:

- The application for United States Letters Patent executed on even date herewith;
- United States patent number _____ granted on _____;
- United States application or Patent Cooperative Treaty international application number: **PCT/EP2019/061479** filed on **May 6, 2019**

WHEREAS, I (we), the below named inventor, hereinafter referred to as ASSIGNOR, is an owner or one of the owners of certain new and useful improvements in the above identified application (hereinafter referred to as the INVENTION).

WHEREAS, **ST ENGINEERING IDIRECT (EUROPE) CY NV**

whose post office address is/are **Laarstraat 5, 9100 Sint-Niklaas, Belgium**

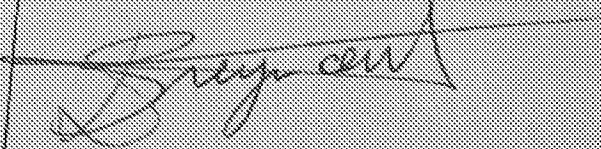
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the INVENTION in the United States, and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning

the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof, and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

LEGAL NAME OF INVENTOR/ASSIGNOR			
Name:	Dirk BREYNAERT	Date:	16 Nov. 2020
Signature:			

ASSIGNMENT

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WHEREAS, **ST ENGINEERING IDIRECT (EUROPE) CY NV**

whose post office address is/are **Laarstraat 5, 9100 Sint-Niklaas, Belgium**

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the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

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LEGAL NAME OF INVENTOR/ASSIGNOR			
Name:	Dimitrios CHRISTOPOULOS	Date:	26/11/2020
Signature:	