

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7182420

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
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DATE SIGNED:	02/17/2022	
Total Attachments: 2		
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ASSIGNMENT

Application Number: U.S. Patent Application 15/931,443

Application Country/Region: U.S.

Application Title: OVER-THE-AIR CALIBRATION OF ANTENNA SYSTEM

Assignee: **SPACE EXPLORATION TECHNOLOGIES CORP.**

Assignee being a company, corporation, or juristic entity of: Delaware

Assignee's principal place of business: 1 Rocket Road, Hawthorne, California 90250

WHEREAS, Assignor **STMICROELECTRONICS INTERNATIONAL N.V.**, a Netherlands corporation, was assigned certain rights in and to certain inventions, and applications for Letters Patent of the United States entitled OVER-THE-AIR CALIBRATION OF ANTENNA SYSTEM filed May 13, 2020 as U.S. Non-Provisional Application No. 15/931,443; and

WHEREAS, Assignee **SPACE EXPLORATION TECHNOLOGIES CORP.**, a Delaware corporation, residing or having a principal place of business at 1 Rocket Road, Hawthorne, California 90250, is desirous of acquiring the entire right, title and interest in and to the inventions and the applications for Letters Patent of the United States, and in and to any Letters Patent to be obtained therefor and thereon worldwide.

Now, therefore, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, Assignor hereby transfers and assigns to Assignee, its legal representatives, successors, and assigns, its entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof; or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

Assignor hereby further agrees to assist in and execute all documents needed now or in the future to perfect, obtain, and secure the aforementioned rights to Assignee, its legal representatives, successors, and assigns, for any jurisdiction in the world. At the expense of Assignee, or its legal representatives, successors, or assigns, Assignor agrees to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

STMICROELECTRONICS INTERNATIONAL N.V.

Date: 22 Dec 2021

Signature:  (Assignor)

Print Name: **Claude DARDANNE**

President

Title: Microcontrollers and Digital ICs Group

Acknowledged and accepted by:

SPACE EXPLORATION TECHNOLOGIES CORP.

Date: 2/14/22

Signature:  (Assignee)

Print Name: Mark Juncosa

Title: VP, Vehicle Engineering