

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V.	08/20/2020
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING
Internal Address:	BANTIAN, LONGGANG DISTRICT
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16901934
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	HW749991
NAME OF SUBMITTER:	LAURA BERNDT
SIGNATURE:	/Laura Berndt/
DATE SIGNED:	10/02/2020
Total Attachments: 1	
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ASSIGNMENT AGREEMENT

WHEREAS, Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR), of Linder Höhe, 51147 Köln, Germany, hereinafter referred to as "Assignor" is, together with HUAWEI, the co-owner of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: DESIGN OF BASE PARITY-CHECK MATRICES FOR LDPC CODES THAT HAVE SUBSETS OF ORTHOGONAL ROWS

Filing Date: 6/15/2020

Application No.: 16901934

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., a corporation of China, located at Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, hereinafter referred to as "Assignee", is desirous of acquiring, on its own and without DLR, an interest in the invention (as far as the US application 16901934 is concerned) and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable considerations, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents do assign to Assignee all right, title, and interest in and to the invention (as far as the US application US 16901934 is concerned) and application, and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

This ASSIGNMENT AGREEMENT is hereby agreed by both Assignee and Assignor, and comes into effect on the date when the Assignee signs this ASSIGNMENT AGREEMENT, or the date when the Assignor signs This ASSIGNMENT AGREEMENT, whichever is later.

For and on behalf of Assignor by: Cologne, Date: 2020-08-20

Dr. S. Burauer [Signature] Deutsches Zentrum
für Luft- und Raumfahrt e.V.
i.A. Dr. Stefan Burauer (IP-manager) i.A. Mathias Brochhagen (Head of IP management)
Title: employees of Deutsches Zentrum für Luft- und Raumfahrt e.V. Technologiemarketing

Linder Höhe
D-51147 Köln

For and on behalf of Assignee by: Yu Jian Date: Aug 24, 2020

Jian Yu
Title: Supervisor of Process & Operations Dept.