505426701 04/15/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5473501

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUA ZHOU	03/21/2019
ESMAEL HEJAZI DINAN	03/21/2019
ALIREZA BABAEI	04/01/2019
HYOUNGSUK JEON	03/21/2019
KYUNGMIN PARK	03/21/2019

RECEIVING PARTY DATA

Name:	OFINNO TECHNOLOGIES, LLC	
Street Address:	11091 SUNSET HILLS ROAD, SUITE 510	
City:	RESTON	
State/Country:	VIRGINIA	
Postal Code:	20190	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16193890
PCT Number:	US1861503

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5715231474

Email: docket1@ofinno.com

Correspondent Name: OFINNO TECHNOLOGIES, LLC Address Line 1: 11091 SUNSET HILLS ROAD

Address Line 2: SUITE 510

Address Line 4: RESTON, VIRGINIA 20190

ATTORNEY DOCKET NUMBER:	17-1070U, 17-1070PCT
NAME OF SUBMITTER:	ESMAEL DINAN
SIGNATURE:	/Esmael Dinan/
DATE SIGNED:	04/15/2019

PATENT 505426701 REEL: 048880 FRAME: 0353

Total Attachments: 2

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PATENT REEL: 048880 FRAME: 0354 DOCKET NO.: 17-1121P, 17-1122P, 17-1070U, 17-1070PCT

ASSIGNMENT OF APPLICATION

WHEREAS, I/we,

Hua Zhon of 13720 Atlantis Street, Apt. 352, Herndon, VA 20171, United States, Esmael Hejazi Dinan of 1180 Daleview Drive, McLean, VA 22012, United States, Alireza Babaei of 4525 Gilbertson Road, Fairlax, VA 22032, United States. Hyoungsuk Jeon of 13718 Northbourne Drive, Centreville, VA 20120, United States, and Kyungmin Park of 234) Dulles Station Blvd., Apt 207, Herndon, VA 20171, Unifed States,

respectively; have invented certain new and useful inventions in: "Channel State Information Report on Bandwidth Part" (hereinafter referred to as the "Invention"), for which the following patent applications were filed:

Utility: Provisional Patent Application No.: 62/587,074 filed on 2017-11-16. Utility: Provisional Patent Application No.: 62/587,165 filed on 2017-11-16. Utility: Non-Provisional Patent Application No.: 16/193,890 filed on 2018-11-16. Utility: PCT Patent Application No.: PCT/US18/61503 filed on 2018-11-16.

WHEREAS, Ofinno Technologies, LLC of Herndon, VA. (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent. which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of good and valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, I/we, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all subsequent applications based thereon including any and all divisions, continuations, substitutions, renewals and reissues thereof together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres,

I/we hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignce of my/our entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE'S successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me/us had this Assignment and sale not been made.

Further, I/we agree that I/we will communicate to said ASSIGNEE or said ASSIGNEE'S representatives any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE'S successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) Ofinno Technologies, LLC, the power to insert on this Assignment any further identification, including the application number(s) and filing date(s), which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

DOCKET NO.: 17-1121P, 17-1122P, 17-1070U, 17-1070PCT

Date: $\frac{3/21/2019}{3/21/2019}$

PATENT REEL: 048880 FRAME: 0356

RECORDED: 04/15/2019