

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3789977

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT           |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT               |
| <b>CONVEYING PARTY DATA</b>   |                          |
| <b>Name</b>   | <b>Execution Date</b>    |
| ESMAEL DINAN  | 03/16/2016               |
| <b>RECEIVING PARTY DATA</b>   |                          |
| <b>Name:</b>  | OFINNO TECHNOLOGIES, LLC |
| <b>Street Address:</b>  | 13633 CEDAR RUN LANE     |
| <b>City:</b>  | HERNDON                  |
| <b>State/Country:</b>   | VIRGINIA                 |
| <b>Postal Code:</b>   | 20171                    |
| <b>PROPERTY NUMBERS Total: 1</b>  |                          |
| <b>Property Type</b>  | <b>Number</b>            |
| Application Number:   | 13607870                 |
| <b>CORRESPONDENCE DATA</b>  |                          |
| <b>Fax Number:</b>  | (844)666-6963            |
| <i>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.</i> |                          |
| <b>Phone:</b>   | 571-599-2005             |
| <b>Email:</b>   | docket1@ofinno.com       |
| <b>Correspondent Name:</b>  | DAVID GROSSMAN           |
| <b>Address Line 1:</b>  | 13633 CEDAR RUN LANE     |
| <b>Address Line 4:</b>  | HERNDON, VIRGINIA 20171  |
| <b>ATTORNEY DOCKET NUMBER:</b>  | BD-11-1015U              |
| <b>NAME OF SUBMITTER:</b>   | DAVID GROSSMAN           |
| <b>SIGNATURE:</b>   | /David Grossman/         |
| <b>DATE SIGNED:</b>   | 03/18/2016               |
| <b>Total Attachments: 1</b>   |                          |
| source=BD-1 1-1015U_2016-03-16_Assignment#page1.tif   |                          |

ASSIGNMENT OF APPLICATION

WHEREAS, I/we,

Esmael Hejazi Dinan of Herndon, VA 20171

respectively: have invented certain new and useful inventions in: "HANDOVER IN HETEROGENEOUS WIRELESS NETWORKS" (hereinafter referred to as the "Invention"), for which the following patent applications were filed:

United States Letters Patent Application No.: 13/607,870 filed on 9/10/2012.

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 assignee 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.

Date: March 16, 2016

Esmael Dinan  
Esmael Hejazi Dinan