502513635 09/28/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| | |

CONVEYING PARTY DATA

| Name | Execution Date |
|---|----------------|
| Olympus Communication Technology of America, Inc. | 06/28/2013 |

RECEIVING PARTY DATA

| Name: | OLYMPUS CORPORATION |
|-----------------|--------------------------------|
| Street Address: | 2-3 KUBOYAMA-CHO, HACHIOJI-SHI |
| City: | токуо |
| State/Country: | JAPAN |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13918954 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 13BP-177685 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | Linda M. Spirra |
| Signature: | /Linda M. Spirra/ |
| Date: | 09/28/2013 |

Total Attachments: 4

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ASSIGNMENT

WHEREAS, Olympus Communication Technology of America, Inc., (Assignor),

is the owner of the patents, patent applications, and design registrations and other properties

listed in Exhibit A attached hereto, and any and all Letters Patent or Patents in the United States

of America and all foreign countries that may be granted therefor and thereon, and in and to any

and all divisions, continuations and continuations-in-part of said applications, or reissues or

extensions of said Letters Patent or Patents, and all rights under the International Convention for

the Protection of Industrial Property, (the "Properties"); and

WHEREAS, OLYMPUS CORPORATION, a corporation having its place of

business at 2-3 KUBOYAMA-CHO, HACHIOJI-SHI, TOKYO, JAPAN, (Assignee), desires to

acquire by formal, recordable assignment the entire right, title and interest in and to the

Properties;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is

hereby acknowledged, said Assignor has sold, assigned, transferred and set over, and hereby

does sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives

and assigns, the entire right, title and interest in and to the Properties, the same to be held and

enjoyed by said Assignee, for its own use and the use of its successors, legal representatives and

assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted,

as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale

and assignment not been made.

AND for the same consideration, said Assignor hereby covenants and agrees to

and with said Assignee its successors, legal representatives and assigns, that said Assignor will,

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whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

AND for the same consideration, said Assignor hereby covenants and agrees to and with said Assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignor is the sole and lawful owner of the entire right, title and interest in and to the Properties, and that the same are unencumbered and that said Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth. Assignor further represents and warrants that it has not granted and will not grant to others any rights inconsistent with the rights granted by this Assignment.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the

-2-

Properties, whether on applications or on any subsequently filed division, continuation, continuation-in-part or reissue applications, to Assignee, its successors and assigns, as the assignee of the entire interest in the invention.

Assignor:

OLYMPUS COMMUNICATION TECHNOLOGY OF AMERICA, INC.

By:

Kiyoyuki Ihara

Its:

President

Date: 6/28/20/3

| Reference Number | Application Number | Date of Application for Letters Patent | Name of Invention | Inventor(s) |
|------------------|--------------------|--|---|--|
| 145P-071 | 13/870,862 | 4/25/2013 | Disaster Rescue Mode for Body Area Networks | Rongsheng Huang, |
| 145P-074 | 13/918,954 | 6/15/2013 | Allocation Slot Arrangement for Wireless Body Area Networks with Sensor Initiated Grant Extensions | Mohammad Nekoui, Rongsheng Huang, |
| 146P-076 | 13/918,951 | 6/15/2013 | Allocation Slot Arrangement for Flexible Rongsheng H. Reservation-based MAC for Wireless Body Area Lichung Chu, Shiepseng I. Shiepseng | Rongsheng Huang, Lichung Chu, Shigeyuki Shoda, |

RECORDED: 09/28/2013

PATENT REEL: 031304 FRAME: 0047