PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3900650

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| DAEWON LEE | 05/31/2016 |
| SUNGHO MOON | 05/31/2016 |
| AHMAD REZA HEDAYAT | 05/31/2016 |
| YUJIN NOH | 05/31/2016 |

RECEIVING PARTY DATA

| Name: | NEWRACOM, INC. |
|-----------------|---------------------|
| Street Address: | 9008 RESEARCH DRIVE |
| City: | IRVINE |
| State/Country: | CALIFORNIA |
| Postal Code: | 92618 |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|--------------|
| Application Number: | 15170890 |
| PCT Number: | US2016035330 |

CORRESPONDENCE DATA

Fax Number: (949)851-9348

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: 949-851-0633

Email: kcarraway@mwe.com, mweipdocket@mwe.com

Correspondent Name: MCDERMOTT WILL & EMERY LLP

4 PARK PLAZA Address Line 1: Address Line 2: **SUITE 1700**

Address Line 4: IRVINE, CALIFORNIA 92614-2559

| Total Attachments: 2 | 03/32/2010 |
|-------------------------|--|
| DATE SIGNED: | 06/02/2016 |
| SIGNATURE: | /Soyeon Pak (Karen) Laub/ |
| NAME OF SUBMITTER: | SOYEON PAK (KAREN) LAUB, REG. NO. 39,266 |
| ATTORNEY DOCKET NUMBER: | 096809-0048 |

Total Attachments: 3

PATENT REEL: 038791 FRAME: 0954

503854001

source=096809-0048_Assignment#page1.tif source=096809-0048_Assignment#page2.tif source=096809-0048_Assignment#page3.tif

> PATENT REEL: 038791 FRAME: 0955

ASSIGNMENT

WHEREAS We, the undersigned, have made a certain invention as set forth in a patent application(s), entitled

RANDOM ACCESS PPDU FOR WLAN SYSTEMS,

| identified by Patent Application No(s). 15/170,890 & PCT/US2016/035330 | , |
|--|--------|
| filed on June 1, 2016 | , and |
| We, the undersigned, authorize and request the practitioners of McDermott Will & Emery LLP to insert the | filing |
| date(s) and application number(s) of the application(s), when known; | |

AND WHEREAS, **NEWRACOM**, **INC**. (the "Entity"), a corporation of the State of Delaware and having an address of 9008 Research Drive, Irvine, California 92618 U.S.A., is desirous of acquiring the entire rights, title and interests in and to said invention and in and to any and all Letters Patent and certificates of the United States, foreign countries and all regions worldwide which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We, the undersigned, do hereby sell, assign, transfer and set over unto the Entity, its legal representatives, successors, and assigns, the entire rights, title and interests in and to said application(s) and said invention worldwide, including the right to claim priority, including any applications worldwide based in whole or in part on said application(s) and/or in whole or in part on said invention as well as the right to apply for any such applications worldwide, including any international and foreign applications filed under any international or foreign patent law or treaty (including the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention for the Protection of Industrial Property, and all other treaties of like purposes, including the rights to all benefits thereunder), and including any provisionals, non-provisionals, continuations, continuations-in-part, divisions, reissues, re-examinations, inter partes reviews, post grant reviews, covered business methods, national stages, regional stages and extensions thereof, and in and to any and all patents and certificates of the United States, foreign countries and all regions worldwide which may be issued based in whole or in part on said application(s) and/or in whole or in part on said invention, including the right to enforce such patents and certificates, including the right to sue for injunctions and recover damages and attorney fees for past, present and future infringements;

UPON SAID CONSIDERATIONS, We, the undersigned, hereby agree with said assignee that We, the undersigned, will not execute any writing or do any act whatsoever conflicting with these presents, and that We, the undersigned, will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect said assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, re-examination, inter partes review, post grant review, covered business method, national stage, regional stage and extension Letters Patent and certificates of the United States and/or of any and all foreign countries and regions based in whole or in part on said application(s) and/or in whole or in part on said invention, and in enforcing any rights or choses in action accruing as a result of such applications, patents or certificates, by giving testimony in any proceedings or transactions involving such applications, patents or certificates, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of heirs, executors, administrators, assigns and legal representatives of said assignor and assignee;

Attorney Docket No. 096809-0048

AND We, the undersigned, authorize and request all Letters Patent and certificates based on said application(s) and/or said invention to be issued to the Entity, its legal representatives, successors or assigns, as the sole owner of the entire rights, title and interests in and to said patents, said certificates and said invention hereby assigned.

| Undersigned: | | | |
|--------------|--|---------------------------------------|--|
| May 31, 2016 | 22mm2 | | |
| Date | Daewon LEE Irvine, California, U.S.A. | | |
| | n vine, Camonna, C.o.r. | | |
| | | | |
| Date | Sungho MOON Irvine, California, U.S.A. | | |
| May 31,2016 | Acid | | |
| Date *** | Ahmad Reza HEDAYAT Aliso Viejo, California, U.S.A. | | |
| | Auso viejo, Camornia, G.S.A. | | |
| 1ay 31. 2010 | | | |
| Date | Yujin NOH Irvine, California, U.S.A. | 1866 186 186 186 186 18686 186 186 | |
| | As the same and th | | |

Attorney Docket No. 096809-0048

AND We, the undersigned, authorize and request all Letters Patent and certificates based on said application(s) and/or said invention to be issued to the Entity, its legal representatives, successors or assigns, as the sole owner of the entire rights, title and interests in and to said patents, said certificates and said invention hereby assigned.

| Undersigned: | | |
|--------------|---|--|
| | | |
| Date | Daewon LEB Irvine, California, U.S.A. | |
| 05/3//20/ | 6 2 mort | |
| Date | Sungho MOON Irvine, California, U.S.A. | |
| Date | Ahmad Reza HEDAYAT Aliso Viejo, California, U.S.A. | |
| Date | Yujin NOH Irvine, California, IJS A | |

RECORDED: 06/02/2016