PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Yongbin Wei | 07/26/2007 |
| Naga Bhushan | 08/07/2007 |

RECEIVING PARTY DATA

| Name: | QUALCOMM Incorporated | |
|-----------------|-----------------------|--|
| Street Address: | 5775 Morehouse Drive | |
| City: | San Diego | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 92121 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11829024 |

CORRESPONDENCE DATA

Fax Number: (858)658-2502

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: us-docketing@qualcomm.com
Correspondent Name: QUALCOMM Incorporated
Address Line 1: 5775 Morehouse Drive

Address Line 4: San Diego, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER: 061653

NAME OF SUBMITTER: George J. Oehling

Total Attachments: 4

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> PATENT REEL: 019757 FRAME: 0972

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ATTORNEY DOCKET NO. 061653

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we Yongbin Wei, a citizen of China having a place of residence at 12140 Brickellia Street, San Diego, CA 92129, and Naga Bhushan, a citizen of the United States of America having a place of residence at 7794 Roan Road, San Diego, CA 92129; have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to:

Method and Apparatus for Sending Signaling for Data Transmission in a Wireless Communication System

Patent and Trademark Office on July 26,3007, and assigned Serial No. 11829,024 (and we hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the serial number and filing date in the space provided when known), including, without limitation, all provisional patent applications, including Serial No. 60/834,118, filed July 28, 2006, and all original and reissue patents granted thereof, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything

ATTORNEY DOCKET NO. 061653

possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 26 day of July 2007.

Yongbin Wei

Done at San Diego, California this day of 2007.

Naga Bhushan

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of

which is hereby acknowledged, be it known that we Yongbin Wei, a citizen of China having a

place of residence at 12140 Brickellia Street, San Diego, CA 92129, and Naga Bhushan, a

citizen of the United States of America having a place of residence at 7794 Roan Road, San

Diego, CA 92129; have sold, assigned and transferred and by these presents do sell, assign,

transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place

of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal

representatives, or assigns, the whole right, title and interest in and to a certain invention relating

to:

Method and Apparatus for Sending Signaling for Data Transmission in a Wireless Communication System

by us devised and the application for United States Patent therefor filed in the United States

Patent and Trademark Office on July 26, 2007, and assigned Serial No. 11/829,024, including,

without limitation, all provisional patent applications, including Serial No. 60/834,118, filed July

28, 2006, and all original and reissue patents granted thereof, and all divisions, and continuations

thereof, including the subject matter of any and all claims which may be obtained in every such

patent, and all foreign rights to said invention, and covenant that we have full right to do so, and

agree that we will communicate to said corporation or its representatives all facts known to us

respecting said invention, whenever requested, and testify in any legal proceedings, sign all

lawful papers, make all rightful oaths and generally do everything possible to aid said

corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection

for said invention in all countries.

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[Post-Filed Assignment/Multiple]

REEL: 019757 FRAME: 0975

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this _____ day of _____, 2007.

Yongbin Wei

Naga Bhushan

RECORDED: 08/28/2007