PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6777965

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| STEPHEN WILLIAM EDGE | 04/29/2010 |
| NATHAN TENNY | 04/29/2010 |
| SVEN FISCHER | 05/03/2010 |

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: | 16994492 | | |

CORRESPONDENCE DATA

Fax Number: (858)658-2502

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email:us-docketing@qualcomm.comCorrespondent Name:QUALCOMM INCORPORATEDAddress Line 1:5775 MOREHOUSE DRIVEAddress Line 4:SAN DIEGO, CALIFORNIA 92121

| ATTORNEY DOCKET NUMBER: | 081327U2C1C1C2C1 | |
|-------------------------|------------------|--|
| NAME OF SUBMITTER: | KARINA FILER | |
| SIGNATURE: | /karina filer/ | |
| DATE SIGNED: | 06/23/2021 | |

Total Attachments: 6

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PATENT 506731149 REEL: 056642 FRAME: 0045

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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/I,

- 1. Stephen W. Edge, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of Escondido, CA, USA.
- 2. Nathan E. Tenny, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of Poway, CA, USA.
- 3. Sven Fischer, a citizen of Germany, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of Nuremberg, DE.

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 entire right, title and interest in and to a certain invention relating **to METHOD**AND APPARATUS FOR SUPPORTING POSITIONING FOR TERMINALS IN A

WIRELESS NETWORK by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on April 20, 2010, and assigned Serial No. 12/763,962, including Provisional Application Number 61/171,398, filed on April 21, 2009, and including Provisional Application Number 61/172,719, filed on April 25, 2009, and including Provisional Application Number 61/218,929, filed on June 20, 2009, and including Provisional Application Number 61/234,282, filed on August 15, 2009, and including Provisional Application Number 61/247,363, filed on September 30, 2009, and all original and reissue patents granted thereof, and all divisions, continuations and continuations-in-part 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me 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.

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 <u>Esca</u> | <u>o </u> | Z day of A | <u>7</u> , 2010. | |
|---------------------|--|------------|-------------------|--|
| | | | and my series and | |
| | | ;: | Stephen W. Edge | |
| Done at | this | day of | ,2010. | |
| | | | Nathan E. Tenny | |
| Done at | this | day of | ,2010. | |
| | | ,,,,,,,, | Sven Fischer | |

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| Done at | this | day of | , 2010. | |
|----------------------|--------------|------------------|-----------------------|---------------------------------------|
| | | , | Stephen W. Edge | , , , , , , , , , , , , , , , , , , , |
| Done at | this | day of | , 2010. | |
| | | , | Nathan E. Tenny | |
| Done at <u>Murem</u> | 2015 this 3' | day of <u>Ho</u> | 4, 2010. S. Histor | |
| | | | Sven Fischer | |

PATENT REEL: 056642 FRAME: 0052

RECORDED: 06/23/2021