

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rashid Ahmed Akbar Attar	11/29/2007
Deviprasad Putchala	10/31/2007
Parag Arun Agashe	10/31/2007
Vikas Jain	10/26/2007
Vinod Viswanatha Menon	10/31/2007

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:	11831298

CORRESPONDENCE DATA

Fax Number: (858)658-2502

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

Phone: 858 658 1901

Email: Kekwueme@qualcomm.com

Correspondent Name: QUALCOMM Incorporated

Address Line 1: 5775 Morehouse Drive

Address Line 4: San Diego, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:

070081

NAME OF SUBMITTER:

Kristine U. Ekwueme

PATENT

500482093

REEL: 020618 FRAME: 0676

CH \$40.00 11831298

Total Attachments: 6

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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,

1. Rashid Ahmed Akbar Attar, a citizen of the United States of America, having a place of residence at 14724 Via Montava #3112, San Diego, CA 92127;
2. Deviprasad Putchala, a citizen of the United States of America, having a place of residence at 12441 Heatherton Court, #269, San Diego, CA 92128;
3. Parag Arun Agashe, a citizen of the United States of America, having a place of residence at 5851 Cape Jewels Trail, San Diego, CA 92130;
4. Vikas Jain, a citizen of India, having a place of residence at 10963 Caminito Alvarez, San Diego, CA 92126; and
5. Vinod Menon, a citizen of India, having a place of residence at 7588 Charmant Drive, #1916, San Diego, CA 92122;

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 **Systems and Methods for Improving Multicasting Over a Forward Link** by me devised and the

ASSIGNMENT

application for United States Patent therefore filed in the United States Patent and Trademark Office on July 31, 2007, and assigned Serial No. 11/831,298 including Provisional Application Number 60/850,862, filed on October 10, 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 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 San Diego, California this 29th day of Nov, 2007.


Rashid Ahmed Akbar Attar

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

Deviprasad Putchala

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

Parag Arun Agashe

ASSIGNMENT

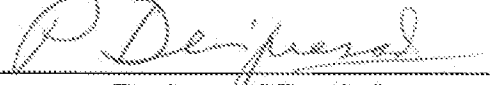
application for United States Patent therefore filed in the United States Patent and Trademark Office on July 31, 2007, and assigned Serial No. 11/831,298 including Provisional Application Number 60/850,862, filed on October 10, 2006, and all original and reissue patents granted thereof, and all divisions, 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 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 San Diego, California this _____ day of _____, 2007.

Rashid Ahmed Akbar Attar

Done at San Diego, California this 31 day of October, 2007.



Deviprasad Putchala

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

Parag Arun Agashe

ASSIGNMENT

application for United States Patent therefore filed in the United States Patent and Trademark Office on July 31, 2007, and assigned Serial No. 11/831,298 including Provisional Application Number 60/850,862, filed on October 10, 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 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.

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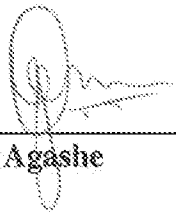
Done at San Diego, California this _____ day of _____, 2007.

Rashid Ahmed Akbar Attar

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

Deviprasad Putchala

Done at San Diego, California this 31 day of October, 2007.



Parag Arun Agashe

ASSIGNMENT

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

Vikas Jain

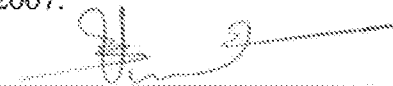
Vikas Jain

ASSIGNMENT

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

Vikas Jain

Done at San Diego, California this 31st day of OCTOBER, 2007.



Vinod Viswanatha Menon