

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Simone Merlin	04/05/2011
Santosh Paul Abraham	04/05/2011
Hemanth Sampath	04/29/2011
Vincent Knowles Jones	04/05/2011
Maarten Menzo Wentink	04/19/2011
Mohammad Hossein Taghavi Nasrabadi	04/04/2011
Sameer Vermani	04/17/2011
Didier Johannes Richard Van Nee	04/19/2011
RECEIVING PARTY DATA	
Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121-1714
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13076031
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(858) 651-5205
Email:	patent.docketing.us@qualcomm.com
Correspondent Name:	QUALCOMM Incorporated
Address Line 1:	5775 Morehouse Drive
Address Line 4:	San Diego, CALIFORNIA 92121-1714
ATTORNEY DOCKET NUMBER:	101846U1

CH \$40.00 13076031

501519784

PATENT
REEL: 026220 FRAME: 0571

NAME OF SUBMITTER:

Marvin Jefferson

Total Attachments: 32

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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. **Simone Merlin**, a citizen of Italy having a mailing address of of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,
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5. **Maarten Menzo Wentink**, a citizen of Netherlands, having a mailing address of Straatweg 66-S, Breukelen, the Netherlands; and a resident of Naarden, the Netherlands,

6. **Mohammad Hossein Taghavi Nasrabadi**, a citizen of Iran, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,

7. **Sameer Vermani**, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,

8. **Didier Johannes Richard Van Nee**, a citizen of Netherlands, having a mailing address of Straatweg 66-S, Breukelen, the Netherlands; and a resident of Naarden, the Netherlands,

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 **PROTECTION MECHANISMS FOR MULTI-USER MIMO TRANSMISSIONS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **MARCH 30, 2011**, and assigned Serial No. 13/076,031, including Provisional Application Number 61/319,686, filed on **MARCH 31, 2010**, and including Provisional Application Number 61/345,004, filed on **MARCH 14, 2010**, all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, continuations and continuations-in-part thereof, including the subject matter of any and all claims which may

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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.

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 4 day of APRIL, 2011.



Simone Merlin

Done at San Diego, California this _____ day of _____, 2011.

Santosh Paul Abraham

Done at San Diego, California this _____ day of _____, 2011.

Hemanth Sampath

Done at San Diego, California this _____ day of _____, 2011.

Vincent Knowles Jones

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Done at Breukelen ,Netherlands this _____ day of _____, 2011.

Maarten Menzo Wentink

Done at San Diego, California this _____ day of _____, 2011.

Mohammad Hossein Taghavi Nasrabadi

Done at San Diego, California this _____ day of _____, 2011.

Sameer Vermani

Done at Breukelen ,Netherlands this _____ day of _____, 2011.

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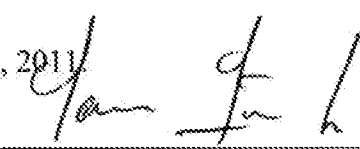
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The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this _____ day of _____, 2011.

Simone Merlin

Done at San Diego, California this 5 day of April, 2011.



Santosh Paul Abraham

Done at San Diego, California this _____ day of _____, 2011.

Hemanth Sampath

Done at San Diego, California this _____ day of _____, 2011.

Vincent Knowles Jones

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Done at Breukelen ,Netherlands this _____ day of _____, 2011.

Maarten Menzo Wentink

Done at San Diego, California this _____ day of _____, 2011.

Mohammad Hossein Taghavi Nasrabadi

Done at San Diego, California this _____ day of _____, 2011.

Sameer Vermani

Done at Breukelen ,Netherlands this _____ day of _____, 2011.

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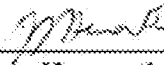
Done at San Diego, California this _____ day of _____, 2011.

Simone Merlin

Done at San Diego, California this _____ day of _____, 2011.

Santosh Paul Abraham

Done at San Diego, California this 29th day of April, 2011.



Hemanth Sampath

Done at San Diego, California this _____ day of _____, 2011.

Vincent Knowles Jones

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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 Breukelen ,Netherlands this _____ day of _____, 2011.

Maarten Menzo Wentink

Done at San Diego, California this _____ day of _____, 2011.

Mohammad Hossein Taghavi Nasrabadi

Done at San Diego, California this _____ day of _____, 2011.

Sameer Vermani

Done at Breukelen ,Netherlands this _____ day of _____, 2011.

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Done at San Diego, California this _____ day of _____, 2011.

Simone Merlin

Done at San Diego, California this _____ day of _____, 2011.

Santosh Paul Abraham

Done at San Diego, California this _____ day of _____, 2011.

Hemanth Sampath

Done at San Diego, California this 5 day of April, 2011.



Vincent Knowles Jones

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Done at San Diego, California this _____ day of _____, 2011.

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Santosh Paul Abraham

Done at San Diego, California this _____ day of _____, 2011.

Hemanth Sampath

Done at San Diego, California this _____ day of _____, 2011.

Vincent Knowles Jones

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Done at Breukelen, Netherlands this 19 day of April, 2011.



Maarten Menzo Wentink


Done at San Diego, California this _____ day of _____, 2011.

Mohammad Hossein Taghavi Nasrabadi

Done at San Diego, California this _____ day of _____, 2011.

Sameer Vermani

Done at Breukelen, Netherlands this 19 day of April, 2011.



Didier Johannes Richard Van Nee

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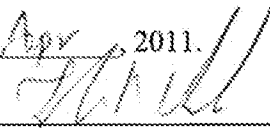
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Done at Breukelen ,Netherlands this _____ day of _____, 2011.

Maarten Menzo Wentink

Done at San Diego, California this 4 day of Apr, 2011.



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4. **Vincent Knowles Jones**, a citizen of United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,

ASSIGNMENT

5. **Maarten Menzo Wentink**, a citizen of Netherlands, having a mailing address of Straatweg 66-S, Breukelen, the Netherlands; and a resident of Naarden, the Netherlands,
6. **Mohammad Hossein Taghavi Nasrabadi**, a citizen of Iran, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,
7. **Sameer Vermani**, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,
8. **Didier Johannes Richard Van Nee**, a citizen of Netherlands, having a mailing address of Straatweg 66-S, Breukelen, the Netherlands; and a resident of Naarden, the Netherlands,

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 **PROTECTION MECHANISMS FOR MULTI-USER MIMO TRANSMISSIONS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **MARCH 30, 2011**, and assigned Serial No. **13/076,031**, including Provisional Application Number **61/319,686**, filed on **MARCH 31, 2010**, and including Provisional Application Number **61/345,004**, filed on **MARCH 14, 2010**, all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, continuations and continuations-in-part thereof, including the subject matter of any and all claims which may

ASSIGNMENT

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.

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 _____, 2011.

Simone Merlin

Done at San Diego, California this _____ day of _____, 2011.

Santosh Paul Abraham

Done at San Diego, California this _____ day of _____, 2011.

Hemanth Sampath

Done at San Diego, California this _____ day of _____, 2011.

Vincent Knowles Jones

ASSIGNMENT

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.

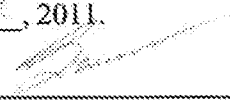
Done at Breukelen ,Netherlands this _____ day of _____, 2011.

Maarten Menzo Wentink

Done at San Diego, California this _____ day of _____, 2011.

Mohammad Hossein Taghavi Nasrabadi

Done at San Diego, California this 17th day of April, 2011.



Sameer Vermani

Done at Breukelen ,Netherlands this _____ day of _____, 2011.

Didier Johannes Richard Van Nee

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. **Simone Merlin**, a citizen of Italy having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,
2. **Santosh Paul Abraham**, a citizen of United States of America having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,,
3. **Hemanth Sampath**, a citizen of United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,
4. **Vincent Knowles Jones**, a citizen of United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,

ASSIGNMENT

5. **Maarten Menzo Wentink**, a citizen of Netherlands, having a mailing address of Straatweg 66-S, Breukelen, the Netherlands; and a resident of Naarden, the Netherlands,

6. **Mohammad Hossein Taghavi Nasrabadi**, a citizen of Iran, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,

7. **Sameer Vermani**, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America and a resident of, San Diego, California, United States of America,

8. **Didier Johannes Richard Van Nee**, a citizen of Netherlands, having a mailing address of Straatweg 66-S, Breukelen, the Netherlands; and a resident of Naarden, the Netherlands,

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 **PROTECTION MECHANISMS FOR MULTI-USER MIMO TRANSMISSIONS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **MARCH 30, 2011**, and assigned Serial No. **13/076,031**, including Provisional Application Number **61/319,686**, filed on **MARCH 31, 2010**, and including Provisional Application Number **61/345,004**, filed on **MARCH 14, 2010**, all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, continuations and continuations-in-part thereof, including the subject matter of any and all claims which may

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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.

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 _____, 2011.

Simone Merlin

Done at San Diego, California this _____ day of _____, 2011.

Santosh Paul Abraham

Done at San Diego, California this _____ day of _____, 2011.

Hemanth Sampath

Done at San Diego, California this _____ day of _____, 2011.

Vincent Knowles Jones

ASSIGNMENT

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 Breukelen ,Netherlands this 19 day of April, 2011.



Maarten Menzo Wentink

Done at San Diego, California this _____ day of _____, 2011.

Mohammad Hossein Taghavi Nasrabadi

Done at San Diego, California this _____ day of _____, 2011.

Sameer Vermani

Done at Breukelen ,Netherlands this 19 day of April, 2011.



Didier Johannes Richard Van Nee