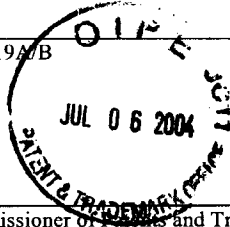


07-14-2004



RECORDED



102791109

Docket No.: 020293

TO: The Commissioner of Patents and Trademarks: Pl.

(ies).

**Submission Type**

- New
- Resubmission (Non-Recordation) 7-6-04
- Document ID No.
- Correction of PTO Error
- Reel No.                      Frame No.
- Corrective Document
- Reel No.                      Frame No.

**Conveyance Type**

- Assignment
- Change of Name
- License
- Merger
- Security Agreement
- Other: \_\_\_\_\_

**Conveying Party(ies)**

Mark if additional names are attached

NAME

1. Wyatt T. Riley
2. Grant Marshall
- 3.
- 4.

**EXECUTION DATE**

Month, Day, Year (MMDDYYYY)

May 7, 2004

May 4, 2004

**Receiving Party**

Mark if additional names are attached

Name: Snaptrack Incorporated  
A Delaware Corporation

Address (Street number and name): 5775 Morehouse Drive

Address (City, State, Zip Code): San Diego, California, 92121-1714

**Correspondent Name and Address**

Name: QUALCOMM Incorporated  
Attn: Patent Department

Telephone Number: (858) 658-5787

Facsimile: (858) 658-2502

Address: 5775 Morehouse Drive

Address: San Diego, California 92121-1714

Pages (Enter the total number of pages of the attached conveyance document including any attachments)

Total number of pages: 4

**Application Number(s) or Patent Number(s)**

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

**Patent Application Number(s):**

1. 10/632,637
- 2.
- 3.
- 4.

**Patent Number(s):**

- 1.
- 2.
- 3.
- 4.

**Patent Cooperation Treaty (PCT)**

(Enter only if a U.S. Application Number has not been assigned)

1. PCT/
2. PCT/

3. PCT/
4. PCT/

Number of Properties (Enter the total number of properties involved)

Total number of properties: 1

**Fee Amount**

**Fee Amount for Properties Listed (37 CFR 3.41): \$**

Method of Payment:  Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this sheet is enclosed for fee processing)

Deposit Account Number: 17-0026

Authorization to charge additional fees:  Yes  No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Date: July 1, 2004

Name: Bruce W. Greenhaus, Reg. No. 37,339  
Phone No. (858) 651-6399

Signature:

07/13/2004 ECDOPER 00000010 170026 10632637

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01 FC:0021 40.00 BA

**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 **Wyatt T. Riley**, a citizen of the United States of America having a place of residence at 540 Stevens Drive #208, King of Prussia, PA 19406, and **Grant Marshall**, a citizen of the United States of America having a place of residence at 694 Jeffrey Avenue, Campbell, CA 95008; 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:

**POSITION COMPUTATION IN A POSITIONING SYSTEM USING  
SYNCHRONIZATION TIME BIAS**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **July 31, 2003**, including, without limitation, all provisional patent applications, **including Serial No. 10/632,637, filed July 31, 2003**, 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.

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 King of Prussia, PA this 7<sup>th</sup> day of May, 2004.



\_\_\_\_\_  
**Wyatt Riley**

Done at \_\_\_\_\_, \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
**Grant Marshall**

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 \_\_\_\_\_, \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Wyatt Riley

Done at Campbell, California this 4<sup>th</sup> day of May, 2004.

Grant Marshall  
Grant Marshall