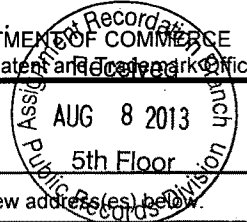


08/08/2013



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MRD 08-08-13
To the Director of the U.S. Patent and Trademark Office

1. Name of conveying party(ies)
EKAHAU OY
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Horizon Technology Finance Corporation
Internal Address: _____
Street Address: 312 Farmington Avenue
City: Farmington
State: Connecticut
Country: USA Zip: 06032
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) July 30, 2013
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
10/365,621 60/751,649 60/751,630 12/933,544 13/505,925
B. Patent No.(s)
7,228,136 7,349,683 7,196,662 7,209,752 8,270,994
7,299,059 8,265,656 7,904,097
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Eric S. Darmofal
Internal Address: Horizon Technology Finance
Street Address: 312 Farmington Avenue
City: Farmington
State: Connecticut Zip: 06032
Phone Number: 860-674-1208
Docket Number: _____
Email Address: lucia@horizontechfinance.com

6. Total number of applications and patents involved: 13
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 520.00
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
Deposit Account Number _____
Authorized User Name 08/09/2013 HTON11 00000002 7228136
01 FC:8021 520.00 DP

9. Signature:
Signature _____ Date August 2, 2013
Eric S. Darmofal
Name of Person Signing
Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

GRANT OF SECURITY INTEREST
PATENTS

THIS GRANT OF SECURITY INTEREST, dated as of July 30, 2013, is executed by Ekahau OY, a Finnish corporation with an address of Hiihkatu 3, 00180 Helsinki, Finland ("Debtor" or "OY"), in favor of HORIZON TECHNOLOGY FINANCE CORPORATION, a Delaware corporation with an address of 312 Farmington Avenue, Farmington, Connecticut 06032 ("Secured Party").

A. Pursuant to a certain Venture Loan and Security Agreement, dated on or about the date hereof (the "Agreement") by and between Debtor and the Secured Party, the Secured Party has agreed to extend credit to Debtor upon the terms and subject to the conditions set forth therein;

B. Debtor owns the patents and/or applications for patents, more particularly described on Schedules I-A and I-B annexed hereto as part hereof (collectively, the "Patents");

C. Pursuant to the Agreement, Debtor has granted to Secured Party a security interest in all right, title and interest of Debtor in and to the Patents, together with any reissue, continuation, continuation-in-part or extension thereof, and all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof for the full term of the Patents (the "Collateral"), to secure the prompt payment, performance and observance of the Obligations (as defined in the Agreement);

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Debtor does hereby further grant to Secured Party a security interest in the Collateral to secure the prompt payment, performance and observance of the Obligations.

Debtor does hereby further acknowledge and affirm that the rights and remedies of Secured Party with respect to the security interest in the Collateral granted hereby are more fully set forth in the Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

IN WITNESS WHEREOF, Debtor has caused this instrument to be executed as of the day and year first written above.

EKAHAU OY

By: _____

Mark Norris

SCHEDULE I-A TO GRANT OF SECURITY INTEREST
PATENTS

Patent	Owner	Registration Number	Registration Date
Location Estimation In Wireless Telecommunication Networks	OY	7,228,136	6/5/2007
Sequence-based positioning technique	OY	7,349,683	3/25/2008
Probabilistic model for a positioning technique	OY	7,196,662	3/27/2007
Error estimate concerning a target device's location	OY	7,209,752	4/24/2007
Applications of signal quality observations	OY	8,270,994	9/18/2012
Positioning technique (rail tracking)	OY	7,299,059	11/20/2007
Additional Positioning technique	OY	8,265,656	9/11/2012
Positioning technique (multi-hypothesis tracking)	OY	7,904,097	3/8/2011

SCHEDULE I-B TO GRANT OF SECURITY INTEREST
PATENT APPLICATIONS

Patent Application	Owner	Application Number	Application Date
Location applications for wireless networks	OY	10/365,621	2/13/2003
Additional Positioning technique	OY	60/751,649	12/20/2005
Positioning technique (multi-hypothesis tracking)	OY	60/751,630	12/20/2005
Positioning of mobile objects based on mutually transmitted signals	OY	12/933,544	9/20/2010
Flight tag	OY	13/505,925	5/3/2012

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