# 502318314 04/19/2013

# PATENT ASSIGNMENT

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

# **CONVEYING PARTY DATA**

| Name                 | Execution Date |
|----------------------|----------------|
| Karl Torbjorn Wigren | 03/30/2007     |

# **RECEIVING PARTY DATA**

| Name:           | Telefonaktiebolaget L M Ericsson (publ) |  |
|-----------------|---|--|
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| City:           | STOCKHOLM                               |  |
| State/Country:  | SWEDEN                                  |  |
| Postal Code:    | SE-164 83                               |  |

#### PROPERTY NUMBERS Total: 1

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 8085704 |

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| ATTORNEY DOCKET NUMBER: | 6002-1            |
|-------------------------|-------------------|
| NAME OF SUBMITTER:      | John R. Lastova   |
| Signature:              | /John R. Lastova/ |
| Date:                   | 04/19/2013        |

# Total Attachments: 3

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PATENT REEL: 030255 FRAME: 0745

# Assignment Letter

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, we,

- Ari Kangas, a citizen of Sweden residing at Skridskovagen 1, Lidingo, 181 30, Sweden.
- Karl Torbjorn Wigren, a citizen of Sweden residing at Ekvagen 9, Uppsala, 756 53, Sweden,

sell and assign to Telefonaktiebolaget LM Ericsson (publ), a corporation organized under the laws of Sweden (the Company), having registered offices at SE-164 83 Stockholm, Sweden, its successors and assigns the entire right, title, and interest in and to the improvements in Method And Arrangements Relating To Satellite-Based Positioning, invented by us, as described in the application for United States patent which is a national stage application of PCT international application number PCT/182004/052040 with an international filing date of 10/11/2004, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful caths and generally doeverything possible to aid said Company, its successors, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

> PATENT REEL: 030255 FRAME: 0746

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# Assignment Letter

| <u>2003-03-26</u><br>Date  | Ari Kangas<br>First Inventor  |
|--|---|
| On the 2012 day of 1922 4 , Kangas, to us known and known to us executed the foregoing instrument, and same. | to be the individual named in and who                                     |
| Mitness 1 Signature Print Name   | Hangali Appan 22. 32 to<br>Kan Bengali Ban 112. 25 Stank halea<br>Anthora |
| 241 - De havele trede kal zal  |   |
| Witness 1 Signature Print Name   | Address   |

| <u> </u>                                    |   |
|---|---|
|   | Altorney Dockel Number P19487-US1<br>Page 3 of 3  |
| Assign                                      | iment Letter  |
| <u>March 35, 2007</u><br>Date               | Karl Torbjorn Wigren<br>Second Inventor   |
| who executed the foregoing instrument same. | 2007, before us personally appeared Karl<br>nown to us to be the individual named in and<br>, and acknowledged that he/she executed the |
| Sona A School 9                             | Cobjeterry 9D<br>MBCCSON 900 Second 2009  |
| Witness 1 Signature Print Name              | Address   |

HE

्र्रा/्ट्रस्यु Print Name

Witness 1 Signature

**RECORDED: 04/19/2013**