

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Achim von Brandt</td><td>10/19/2010</td></tr><tr><td>Aik Chindapol</td><td>03/21/2011</td></tr><tr><td>Sandro Grech</td><td>02/11/2010</td></tr><tr><td>Roman Pichna</td><td>10/19/2010</td></tr><tr><td>Yi Zhang</td><td>10/20/2010</td></tr><tr><td>Shun Liang Zhang</td><td>10/20/2010</td></tr><tr><td>Wei Hua Zhou</td><td>03/22/2011</td></tr></tbody></table>		Name	Execution Date	Achim von Brandt	10/19/2010	Aik Chindapol	03/21/2011	Sandro Grech	02/11/2010	Roman Pichna	10/19/2010	Yi Zhang	10/20/2010	Shun Liang Zhang	10/20/2010	Wei Hua Zhou	03/22/2011
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<table border="1"><tr><td>Name:</td><td>Nokia Siemens Networks Oy</td></tr><tr><td>Street Address:</td><td>Karaportti 3</td></tr><tr><td>City:</td><td>Espoo</td></tr><tr><td>State/Country:</td><td>FINLAND</td></tr><tr><td>Postal Code:</td><td>02610</td></tr></table>		Name:	Nokia Siemens Networks Oy	Street Address:	Karaportti 3	City:	Espoo	State/Country:	FINLAND	Postal Code:	02610						
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CORRESPONDENCE DATA																	
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501519294

PATENT
REEL: 026218 FRAME: 0618

OP \$40.00 12936115

NAME OF SUBMITTER:

Shane A. Kennedy

Total Attachments: 10

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A S S I G N M E N T

For good and valuable consideration, I/we, the undersigned

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hereby sell, assign, and transfer to

Nokia Siemens Networks Oy

a Finnish corporation organized and existing under the laws of FINLAND , having its principal place of business in ESPOO , FINLAND herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **INDICATING ACTION TIMES AND FAST RANGING CAPABILITIES OF TARGET BASE STATIONS**

disclosed in the application for Letters Patent designating the United States, said application being identified in our records as

IDNR: 2589 /15.10.2010/gel

2008P02773WOUS

2/9

Applicants File No.
PCT-Application No.

2008P02773WOUS
12/936,115

A S S I G N M E N T

For good and valuable consideration, I/we, the undersigned

Assignor 1)
Achim Von Brandt
 residing at:
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Assignor 2)
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and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements; hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Assignor 1)

Date: Oct 19, 2010

Achim v. Brandt

Achim Von Brandt

Assignor 2)

Date: _____

Aik Chindapol

Assignor 3)

Date: _____

Sandro Grech

Assignor 4)

Date: _____

Roman Pichna

Assignor 5)

Date: _____

Yi Zhang


Assignor 6)

Date: _____

Shun Liang Zhang

Assignor

Date: 3/21/2011



Aik Chindapol

Assignor 1)

Date: _____

Achim Von Brandt

Assignor 2)

Date: _____

Aik Chindapol

Assignor 3)

Date: 02. 11. 10



Sandro Grech

Assignor 4)

Date: _____

Roman Pichna

Assignor 5)

Date: _____

Yi Zhang

Assignor 6)

Date: _____

Shun Liang Zhang

Assignor 1)

Date: _____

Achim Von Brandt

Assignor 2)

Date: _____

Aik Chindapol


Assignor 3)

Date: _____

Sandro Grech

Assignor 4)

Date: October 19, 2010



Roman Pichna

Assignor 5)

Date: _____

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Assignor 6)

Date: _____

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Date: _____

Aik Chindapol

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Date: _____

Sandro Grech

Assignor 4)

Date: _____

Roman Pichna

Assignor 5)

Date: Oct 20, 2010

Yi Zhang
Yi Zhang

Assignor 6)

Date: Oct. 20, 2010

Shun Liang Zhang
Shun Liang Zhang

Assignor 4)

Date: _____

Roman Pichna

Assignor 5)

Date: _____

Yi Zhang

Assignor 6)

Date: _____

Shun Liang Zhang

Assignor 7)

Date: Mar. 22th, 2011

Wei Hua Zhou

Wei Hua Zhou