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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSE SANTOS	05/28/2010

RECEIVING PARTY DATA

Name:	NOKIA SIEMENS NETWORKS OY
Street Address:	KARAPORTTI 3
City:	ESPOO
State/Country:	FINLAND
Postal Code:	FI-02610

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12672542

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER: 2007P00157

NAME OF SUBMITTER: RALPH E. LOCHER

Total Attachments: 2

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PATENT REEL: 027926 FRAME: 0682 OP \$40.00 12672542

ASSIGNMENT

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

Jose Santos

residing at:

residing at:

Rua José Cardoso Pires 1, 8° B 1750-430 Lisboa PORTUGAL

residing at:

residing at:

residing at:

residing at:

residing at:

residing at:

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:) Method and device for operating a network and communication system comprising such device

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

Applicants File No.

2007P00157WOUS

and filed as PCT-application

PCT/EP2008/060240

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.

16 Month Halada

Date: 28.05.2010

(type name) () by Page MACALHARA

Witnesses: A. Luu

(type name)

PATENT REEL: 027926 FRAME: 0684

RECORDED: 03/26/2012