

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4722518

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FRANK FREDERIKSEN	11/10/2009
TROELS EMIL KOLDING	10/27/2009
RECEIVING PARTY DATA	
Name:	NOKIA SIEMENS NETWORKS OY
Street Address:	KARAPORTTI 3
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02610
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15050011
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	jslater@vklaw.com
Correspondent Name:	VOLPE AND KOENIG, P.C.
Address Line 1:	30 S. 17TH ST.
Address Line 2:	SUITE 1800
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	WFT-P01844US2
NAME OF SUBMITTER:	ROBERT D. LEONARD
SIGNATURE:	/Robert D. Leonard/
DATE SIGNED:	12/07/2017
Total Attachments: 3	
source=WFT-P01844US2-Assignment_Inventors_to_NokiaSiemensNetworksOy_partone#page1.tif	
source=WFT-P01844US2-Assignment_Inventors_to_NokiaSiemensNetworksOy_partone#page2.tif	
source=WFT-P01844US2-Assignment_Inventors_to_NokiaSiemensNetworksOy_partone#page3.tif	

ASSIGNMENT

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

Frank Frederiksen
residing at:
Hornbækvej 4
9270 Klarup
DENMARK

Troels Emil Kolding
residing at:
Sneppevej 21
9270 Klarup
DENMARK

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:) **Limited tree structure for reducing the L1/L2 control channel decoding complexity in 3GPP LTE**

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

Applicants File No. 2007P02348WOUS
and filed as PCT-application PCT/EP2008/055557

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;

IDNR: 4248 / 20.12.2007

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.

Date: 10/11-09

Frank Frederiksen
Frank Frederiksen

Witnesses: JYTTIE LARSEN
(type name)

Jyttie Larsen

Witnesses: ISTVAN Z. KOVACS
(type name)

Istvan Kovacs

Date: _____

Troels Emil Kolding

Witnesses: _____
(type name)

Witnesses: _____
(type name)

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.

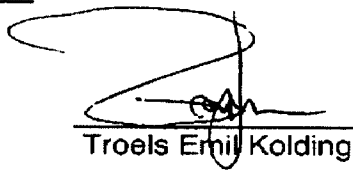
Date: _____

Frank Frederiksen

Witnesses: _____
(type name)

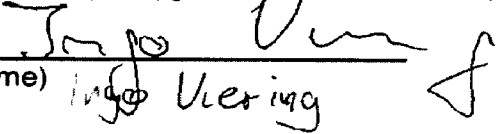
Witnesses: _____
(type name)

Date: 27/10-09



Troels Emil Kolding

Witnesses: 
(type name) ANDREAS LOBINGER

Witnesses: 
(type name) Inge Vering