

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5677451

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE ASSIGNEE previously recorded on Reel 036295 Frame 0655. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
NOKIA SOLUTIONS AND NETWORKS OY	07/30/2019
RECEIVING PARTY DATA	
Name:	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
Street Address:	HANSASTRASSE 27C
City:	MUNICH
State/Country:	GERMANY
Postal Code:	80686
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13391919
CORRESPONDENCE DATA	
Fax Number:	(203)944-0245
<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>	
Phone:	2039259400
Email:	Patent@hspatent.com
Correspondent Name:	MARK HARRINGTON
Address Line 1:	4 RESEARCH DRIVE
Address Line 2:	SUITE 202
Address Line 4:	SHELTON, CONNECTICUT 06484
ATTORNEY DOCKET NUMBER:	111A.0001.U1(US)
NAME OF SUBMITTER:	MARK F. HARRINGTON
SIGNATURE:	/mark f harrington/
DATE SIGNED:	08/20/2019
Total Attachments: 3	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3477515

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOKIA SOLUTIONS AND NETWORKS OY	07/20/2015

RECEIVING PARTY DATA

Name:	FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
Street Address:	HANSASTRASSE 27C
City:	MUNCHEN
State/Country:	GERMANY
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PROPERTY NUMBERS Total: 1

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Fax Number: (203)944-0245
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Phone: 2039259400
Email: emian@hspatent.com
Correspondent Name: HARRINGTON & SMITH, ATTORNEYS AT LAW
Address Line 1: 4 RESEARCH DRIVE
Address Line 4: SHELTON, CONNECTICUT 06484-6212

ATTORNEY DOCKET NUMBER:	111A.0001.U1(US)
NAME OF SUBMITTER:	ERIC M. ZYLA
SIGNATURE:	/Eric M. Zyla/
DATE SIGNED:	08/11/2015

Total Attachments: 1
 source=Assignment#page1.tif

Assignment

We, **Nokia Solutions and Networks Oy**, previously known as **Nokia Siemens Networks Oy** (hereinafter called "the Assignor") having a principal place of business at

Karaportti 3, 02610 Espoo, FINLAND

do hereby declare that we are the shared proprietor of the following Patent Application for the United States of America:

13/391,919

and that we assign our share of the rights and interests in the mentioned Patent Application to

Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
(hereinafter called "the Assignee")
Hansastrasse 27c
80686 Munich, Germany

and agree that the assignment is recorded with the Patent Office

We, the Assignee of the share of this patent rights, hereby agree to the afore-mentioned assignment and apply for recording of the assignment in the registers of the Patent Office.

Munich, 30.07.2019

Place, Date

Place, Date

Assignor:

Nokia Solutions and Networks Oy

Assignee:

Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.

Manfred Goretzki
Signed by

Manfred Goretzki

Roel Hofmaier
both authorized officers

Signed by

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Place, Date

Munich, 4 July 2009
Place, Date

Assignor:

Nokia Solutions and Networks Oy

Assignee:

Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.

Signed by

Werner Liebler
Signed by

Dr. Werner Liebler
Head of Patents and Licensing
Fraunhofer-Gesellschaft zur Foerderung
der angewandten Forschung e.V.