

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4844187

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TEEMU ILMARI SAVOLAINEN	07/19/2015
JYRI HAMALAINEN	07/27/2015
MARKUS ISOMAKI	07/17/2015
ISTVAN BESZTERI	08/05/2015
RECEIVING PARTY DATA	
Name:	NOKIA TECHNOLOGIES OY
Street Address:	KARAPORTTI 3
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02610
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15742482
CORRESPONDENCE DATA	
Fax Number:	(408)737-0908
<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:	650-868-6292
Email:	Sandy.Fong-Hou@nokia.com
Correspondent Name:	NOKIA USA INC. ATTN: INTELLECTUAL PROPE
Address Line 1:	200 SOUTH MATHILDA AVE
Address Line 4:	SUNNYVALE, CALIFORNIA 94086
ATTORNEY DOCKET NUMBER:	87373US INV TO NTECH
NAME OF SUBMITTER:	SANDY FONG-HOU
SIGNATURE:	/Sandy Fong-Hou/
DATE SIGNED:	02/28/2018
Total Attachments: 5	
source=NC87373WO_Assignment#page1.tif	
source=NC87373WO_Assignment#page2.tif	
source=NC87373WO_Assignment#page3.tif	

source=NC87373WO_Assignment#page4.tif

source=NC87373WO_Assignment#page5.tif

ASSIGNMENT

I/we, (The ASSIGNOR(S)):

Teemu Ilmari Savolainen
 Jyri Hamalainen
 Markus Isomaki
 Istvan Beszteri

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby assign to (hereafter referred to as The ASSIGNEE):

Nokia Technologies OY
 Karaportti 3
 02610 Espoo
 Finland

An invention entitled (invention Title):

TOKEN BASED AUTHENTICATION

The PATENT RIGHTS referred to in this agreement are:

☐ a national Patent Application No. _____ filed on _____
☐ European Patent Application No. _____ filed on _____
☒ PCT application No. PCT/FI2015/050496 filed on July 09, 2015.

for this invention, executed by the ASSIGNOR(S)

☒ U.S. Patent Application Serial No. 15/742482, filed January 5, 2018
☐ U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

☒ U.S. Patent rights
☒ worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any Patent Application identified above.
☒ the full and exclusive right to the invention;

The ASSIGNOR(S) do hereby assign the following to each ASSIGNEE; their successors and assigns:

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and

the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain and enforced proper protection for said invention.

Further, I/We authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

Each Inventor: Please sign and date below:

NC87373

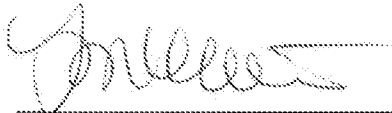
Bani M. M.
[Istvan Beszteri]

05.06.2015
Date

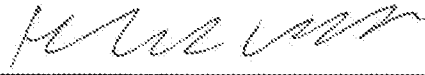
J. M. M.
Witness Signature
Printed Name JAMES EVERETT

05.07.2015
Date

NC87373

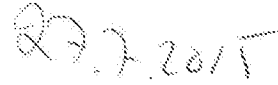


[Jyri Hamalainen]

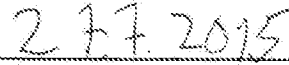


Witness Signature

Printed Name HENRI PASSILA



Date



Date

NC87373

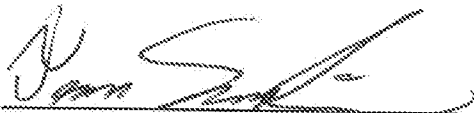
MI
[Markus Isomaki]

Ari Aarnio
Witness Signature
Printed Name ARI AARNIO

July 17, 2015
Date

July 17, 2015
Date

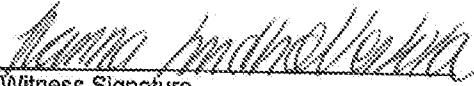
NC87373



[Teemu Ilmari Savolainen]

19.7.2015

Date



Witness Signature

Printed Name Henna Lindholm-Yentola

19.7.2015

Date