

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2782886

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOMI PETRI TARVAINEN	02/03/2014
JANNE PEKKO KAASALAINEN	02/03/2014
TERO TAPIO TIITTANEN	02/03/2014
JUNG CHEN HUNG	02/03/2014
SHAHIL SONI	02/03/2014
ARI PEKKA LIUSAARI	03/13/2014
MARCUS CARL JOHAN OLSSON	02/10/2014
JUHA HEIKKI ALAKARHU	02/03/2014
SAMI PEKKA LAAKSO	02/03/2014
RECEIVING PARTY DATA	
Name:	NOKIA CORPORATION
Street Address:	KEILALAHDENTIE 4
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02150
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14168843
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	NC81655-US-CNT[3]
NAME OF SUBMITTER:	DENISE M. WILSON
SIGNATURE:	/Denise M. Wilson/

PATENT

DATE SIGNED:	03/25/2014
Total Attachments: 10 source=NC81655US-CNT3-assignment#page1.tif source=NC81655US-CNT3-assignment#page2.tif source=NC81655US-CNT3-assignment#page3.tif source=NC81655US-CNT3-assignment#page4.tif source=NC81655US-CNT3-assignment#page5.tif source=NC81655US-CNT3-assignment#page6.tif source=NC81655US-CNT3-assignment#page7.tif source=NC81655US-CNT3-assignment#page8.tif source=NC81655US-CNT3-assignment#page9.tif source=NC81655US-CNT3-assignment#page10.tif	

ASSIGNMENT

WHEREAS, we,

(1)	Tomi Petri TARVAINEN	of	Espoo, Finland
(2)	Janne Pekko KAASALAINEN	of	Espoo, Finland
(3)	Tero Tapio TIITTANEN	of	Vantaa, Finland
(4)	Jung Chen HUNG	of	
(5)	Shahil SONI	of	Espoo, Finland
(6)	Ari Pekka LIUSAARI	of	Helsinki, Finland
(7)	Marcus Carl Johan OLSSON	of	
(8)	Juha Heikki ALAKARHU	of	Helsinki, Finland
(9)	Sami Pekka LAAKSO	of	Masala, Finland

have invented certain improvements in

METHOD AND APPARATUS FOR A SLIDER INTERFACE ELEMENT

For which we have executed an application for Letters Patent of the United States of America, filed on January 30, 2014 and assigned application no. 14/168,843; and

WHEREAS, 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.);

WHEREAS, NOKIA CORPORATION, a corporation organized under the laws of Finland, having its principal office in Espoo, Finland (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and under the said invention and the said application, and in and to any and all Letters Patent which shall be granted therefore in the United States of America and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and do hereby sell, assign, transfer and convey unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and to said invention and application, and in all divisionals, reissues, substitutions, continuations, continuation-in-part and, in any and all Letters Patents of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof which may be granted therefore or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

WE ALSO HEREBY authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom to the said ASSIGNEE of our entire right, title and interest.

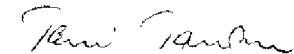
WE FURTHER HEREBY sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including, without limitation, the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries. We further agree to execute any and all powers

of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

WE HEREBY covenant that we have not and we will not execute any agreement in conflict herewith.

WE HEREBY further covenant, and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to said ASSIGNEE or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said ASSIGNEE, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, WE have hereunto set my hand and seal on the date indicated below.



Tomi Petri TARVAINEN

(reb)
3.2.2014

Date



Witness Signature

Printed Name Janne Kaasalinen

(reb)

5.2.2014

Date

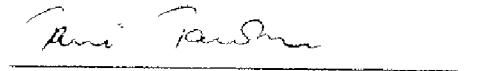
IN WITNESS WHEREOF, WE have hereunto set my hand and seal on the date indicated below.



Janne Pekko KAASALAINEN

(Feb)
3.2.2014

Date



Witness Signature
Printed Name TOMI TAIRVAANEN

(Feb)
3.2.2014

Date

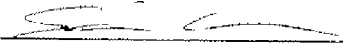
IN WITNESS WHEREOF, WE have hereunto set my hand and seal on the date indicated below.



Tero Tapio TIITTANEN

^(Feb)
3.2.2014

Date



Witness Signature
Printed Name SAMI LAAKSO

^(Feb)
3.2.2014

Date

IN WITNESS WHEREOF, WE have hereunto set my hand and seal on the date indicated below.


J. Chen
Jung Chen HUNG

3, Feb, 2014
Date

K. H. H.
Witness Signature
Printed Name Katharine H. H.

3, Feb, 2014.
Date

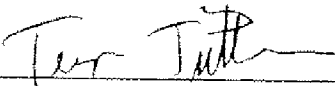
IN WITNESS WHEREOF, WE have hereunto set my hand and seal on the date indicated below.



Shahil SONI

(Feb)
3/2/2014

Date




Witness Signature
Printed Name TERO TUTANEN

(Feb)
3.2.2014


Date

Docket No.: NC81655-US-CNT[3]
Customer No.: 111965

IN WITNESS WHEREOF, WE have hereunto set my hand and seal on the date indicated below.


Ari Pekka LIUSAARI


13.3.2019
Date


Witness Signature
Printed Name Ari Pekka LIUSAARI

13.3.2019
Date

Docket No.: NC81655-US-CNT[3]
Customer No.: 111965


IN WITNESS WHEREOF, WE have hereunto set my hand and seal on the date indicated below.



Marcus Carl Johan OLSSON

(FEB)
10.2.2014

Date



Witness Signature
Printed Name TOMI TARVAINEN

(FEB)
10.2.2014


Date

Docket No.: NC81655-US-CNT[3]
Customer No.: 111965

IN WITNESS WHEREOF, WE have hereunto set my hand and seal on the date indicated below.

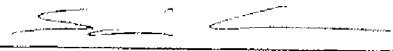

Jukka Heikki ALAKARHU

3rd Feb 2014
Date



Witness Signature
Printed Name TOMI TERVAINEN

(Feb)
3 2. 2014
Date

IN WITNESS WHEREOF, WE have hereunto set my hand and seal on the date indicated below.


Sami Pekka LAAKSO

(Feb)
3. 2. 2014
Date


Witness Signature
Printed Name TERO TITAJEN

(Feb)
3. 2. 2014
Date