

03/05/2012

894A.0050.U1(US)

RE



EET

To the Director of the U.S. Patent and

103641465

ed document(s) or the new address(es) below:

1. Name of conveying party(ies): Paul BEECHER Chris BOWER Zoran RADIVOJEVIC Piers ANDREW Darryl COTTON Samiul HAQUE Tapani RYHANEN		2. Name and address of receiving party(ies): Name: Nokia Corporation Address: Keilalahdentie 4 City: Espoo State: ZIP Code: FIN-02150 Country: Finland Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date(s): February 24, 2012, February 7, 2012, February 7, 2012, February 7, 2012, February 7, 2012, February 7, 2012, February 24, 2012 respectively		4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s): 13/332,902 B. Patent No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Harry Smith Address: Harrington & Smith, Attorneys At Law, LLC 4 Research Drive, Suite 202 City: Shelton State: CT ZIP Code: 06484-6212		6. Total number of applications and/or patents involved: 1 7. Total fee (37 CFR 3.41):\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account 8. Deposit account number: 50-1924	
9. Signature: <i>If this is a new cover sheet to correct an error in a recorded document, the information provided on this new cover sheet is true and correct and any copy submitted is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between;"> <div> <u>Harry Smith</u> Name of Person Signing </div> <div> Signature </div> <div> <u>2/29/2012</u> Date </div> </div>			
Total number of pages including cover sheet(s), attachments, and documents: 11. Page 1 of 11.			

H&S Docket No.: 894A.0050.U1(US)
Nokia Docket No.: NC76476US

For ☒ U.S. and/or ☒ Foreign Rights
For ☒ U.S. Application or ☐ U.S. Patent

ASSIGNMENT OF INVENTION

In accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

(1) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME	FIRST NAME	MIDDLE NAME
	BEECHER	Paul	

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	Cambridge, United Kingdom	Ireland

POST OFFICE ADDRESS: **54 Petersfield Mansions, Mill Road, Cambridge CB1 1BB,
United Kingdom**

(2) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME	FIRST NAME	MIDDLE NAME
	BOWER	Chris	

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	Ely, United Kingdom	Great Britain

POST OFFICE ADDRESS: **4 Warwick Drive, Ely CB6 3EN, United Kingdom**

(3) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME	FIRST NAME	MIDDLE NAME
	RADIOJEVIC	Zoran	

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	Cambridge, United Kingdom	Croatia

POST OFFICE ADDRESS: **23 Thornton Road, Cambridge CB3 0NP,
United Kingdom**

(4) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME	FIRST NAME	MIDDLE NAME
	ANDREW	Piers	

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	Cambridge, United Kingdom	Great Britain

POST OFFICE ADDRESS: ~~102 Suez Road, Cambridge CB1 3QD, United Kingdom~~
3 GRAYWAY CLOSE, HIGHFIELDS COLDEOTE, CAMBRIDGE, CB23 7UZ, UK

(5) ASSIGNOR (inventor):

T. Andrew 7/2/2012

FULL NAME OF INVENTOR:	LAST NAME	FIRST NAME	MIDDLE NAME
	COTTON	Darryl	

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	Cambridge, United Kingdom	Great Britain

POST OFFICE ADDRESS: **40 Greatfarthing Close, St. Ives, Cambridge PE27 5JX, United Kingdom**

(6) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME	FIRST NAME	MIDDLE NAME
	HAQUE	Samiul	

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	Cambridge, United Kingdom	Bangladesh

POST OFFICE ADDRESS: **67 Alice Bell Close, Cambridge CB4 1GN, United Kingdom**

(7) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME	FIRST NAME	MIDDLE NAME
	RYHANEN	Tapani	

RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY	CITIZENSHIP
	Espoo, Finland	Finland

POST OFFICE ADDRESS: **c/o Nokia Corporation, Keilalahdentie 4, FIN-02150, Espoo, Finland**

hereby sell(s), assign(s) and transfer(s) to

ASSIGNEE:

Nokia Corporation
Keilalahdentie 4
02150 Espoo
Finland

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, to any invention and all improvements which are disclosed in the invention entitled:

An Apparatus and Associated Methods

which is found in:

- ☐ the patent application executed on the same date herewith,
- ☒ U.S. patent application number 13/332902 filed December 21, 2011,
- ☒ and any legal equivalent thereof in a foreign country,
including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof;

and any prior U.S. provisional patent application(s) (if any) including the following:

Application No.: _____ Filing Date: _____.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

H&S Docket No.: 894A.0050.U1(US)
Nokia Docket No.: NC76476US

(1) Assignor Name: Paul BEECHER

By: Paul Beecher
Signature

7/2/2012
Date

Witnessed:

(1) John Brown
Witness Name:


24/2/2012
Date

H&S Docket No.: 894A.0050.U1(US)
Nokia Docket No.: NC76476US

(2) Assignor Name: Chris BOWER

By: 
Signature

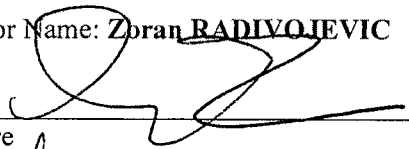
07-02-12
Date

Witnessed: 
(2) _____
Witness Name:

24/02/12
Date

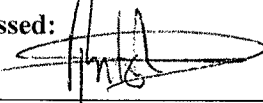
H&S Docket No.: 894A.0050.U1(US)
Nokia Docket No.: NC76476US

(3) Assignor Name: Zoran RADIVOJEVIC

By: 
Signature

7/12/2012
Date

Witnessed:

(3) 
Witness Name:

24/02/12
Date

H&S Docket No.: 894A.0050.U1(US)
Nokia Docket No.: NC76476US

(4) Assignor Name: **Piers ANDREW**

By: *R. Anderson*
Signature

Date 7/2/2012

Witnessed: _____
(4) _____
Witness Name: _____

Date 24/02/2012


H&S Docket No.: 894A.0050.U1(US)
Nokia Docket No.: NC76476US

(5) Assignor Name: **Darryl COTTON**

By: D. Cotton
Signature

7/2/2012
Date

Witnessed:

(5) ~~24/02/2012~~ 
Witness Name:

24/02/2012
Date

H&S Docket No.: 894A.0050.U1(US)
Nokia Docket No.: NC76476US


(6) Assignor Name: Samiul HAQUE

By: Md. Samiul Haque 7/02/2012
Signature Date

Witnessed: [Signature]
(6) [Signature] 24/02/2012
Witness Name: Date


H&S Docket No.: 894A.0050.U1(US)
Nokia Docket No.: NC76476US

(7) Assignor Name: **Tapani RYHANEN**

By: 
Signature

24.2.2012
Date

Witnessed:

(7) 
Witness Name:

24.2.2012
Date

TOM KESKINEN