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800.1249.U1(US)

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To the Director of the U.S. Patent and



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

1. Name of conveying party(ies): Ramesh RASKAR Rajeswari KANNAN Pranav MISHRA		Name: Nokia Corporation	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Address: Keilalahdentie 4	
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:		City: Espoo State: ZIP Code: 02150 Country: Finland	
Execution Date(s): July 10, 2013		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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): 13/930,522		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: Mark Harrington 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	
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H&S Docket No.: **800.1249.U1(US)**  
Nokia Docket No.: **NC82577US**

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
	<b>RASKAR</b>	<b>Ramesh</b>	

**(2) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR :	LAST NAME	FIRST NAME	MIDDLE NAME
	<b>KANNAN</b>	<b>Rajeswari</b>	

**(3) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR :	LAST NAME	FIRST NAME	MIDDLE NAME
	<b>MISHRA</b>	<b>Pranav</b>	

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:

### Optical Field Communication

which is found in:

- ☐ the patent application executed on the same date herewith,
- ☒ U.S. patent application number **13/930522** filed **28 June 2013**,
- ☒ 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:

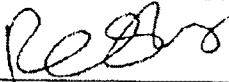
Application No.: \_\_\_\_\_

Filing Date: \_\_\_\_\_

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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.

(1) Assignor Name: **Ramesh RASKAR**

By:   
Signature

July 10, 2013  
Date


**Witnessed:**

(1) \_\_\_\_\_  
Witness Name:

\_\_\_\_\_  
Date

H&S Docket No.: 800.1249.U1(US)  
Nokia Docket No.: NC82577US

(2) Assignor Name: **Rajeswari KANNAN**

By:   
Signature

July 10, 2013  
Date

**Witnessed:**

(2) \_\_\_\_\_  
Witness Name:

\_\_\_\_\_  
Date

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(3) Assignor Name: **Pranav MISHRA**

By: Pranav  
Signature

10/7/2013  
Date

**Witnessed:**

(3) \_\_\_\_\_  
Witness Name:

\_\_\_\_\_  
Date