

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ESA-SAKARI MAATTA	01/07/2013
MARKO EROMAKI	12/27/2012
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<b>City:</b>	ESPOO
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	02150
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14652464
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<b>SIGNATURE:</b>	/Mark F. Harrington/
<b>DATE SIGNED:</b>	06/16/2015
<b>Total Attachments: 3</b>	
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source=Assignment#page2.tif	
source=Assignment#page3.tif	

Assignee Docket No.: NC80699WO  
Swindell & Pearson Ltd Docket No.: 27919PCT

For  U.S. and/or  Foreign Rights  
For  U.S. Application or  U.S. Patent  
For  PCT International Application

### 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 Määttä	FIRST NAME Esa-Sakari	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Espoo, Finland	CITIZENSHIP Finnish	
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**(2) ASSIGNOR (inventor):**

FULL NAME OF INVENTOR:	LAST NAME Eromäki	FIRST NAME Marko	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Tampere, Finland	CITIZENSHIP Finnish	
POST OFFICE ADDRESS: Isännänkatu 4, Tampere 33820, 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, and to any and all improvements which are disclosed in the invention entitled:

**AN APPARATUS COMPRISING FLASH LIGHT CIRCUITRY**

which is found in:

- the patent application executed on the same date herewith,
- U.S. patent application number \_\_\_\_\_ filed \_\_\_\_\_,
- PCT International Application No. PCT/IB2012/057552 filed on 20<sup>th</sup> December 2012.
- 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.

(1) **Marko Eromäki**  
Assignor Name

  
\_\_\_\_\_  
Signature

December 27, 2012  
\_\_\_\_\_  
Date

(2)Esa-Sakari Määttä  
Assignor Name

Esa Määttä  
Signature

7. January 2013  
Date