

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Magnus Jendbro</td> <td>06/29/2012</td> </tr> <tr> <td>Par Stenberg</td> <td>07/02/2012</td> </tr> <tr> <td>Gunnar Klinghult</td> <td>06/28/2012</td> </tr> <tr> <td>Andreas Kristensson</td> <td>07/06/2012</td> </tr> <tr> <td>Ola Thorn</td> <td>06/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Magnus Jendbro	06/29/2012	Par Stenberg	07/02/2012	Gunnar Klinghult	06/28/2012	Andreas Kristensson	07/06/2012	Ola Thorn	06/28/2012
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Par Stenberg	07/02/2012												
Gunnar Klinghult	06/28/2012												
Andreas Kristensson	07/06/2012												
Ola Thorn	06/28/2012												
RECEIVING PARTY DATA													
Name:	Sony Mobile Communications AB												
Street Address:	Nya Vattentornet												
City:	Lund												
State/Country:	SWEDEN												
Postal Code:	SE-221 88												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13882814</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13882814								
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Application Number:	13882814												
CORRESPONDENCE DATA													
Fax Number:	2166216165												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	216-621-1113												
Email:	gklemencic@rennerotto.com												
Correspondent Name:	Renner, Otto, Boisselle & Sklar, LLP												
Address Line 1:	1621 EUCLID AVENUE												
Address Line 2:	19TH FLOOR												
Address Line 4:	CLEVELAND, OHIO 44115												
ATTORNEY DOCKET NUMBER:	PS11 1682US1												
NAME OF SUBMITTER:	Luis A. Carrion												

OP \$40.00 13882814

Signature:	/Luis A Carrion/
Date:	05/01/2013
<p>Total Attachments: 12</p> <p>source=PS111682US1-Assign#page1.tif</p> <p>source=PS111682US1-Assign#page2.tif</p> <p>source=PS111682US1-Assign#page3.tif</p> <p>source=PS111682US1-Assign#page4.tif</p> <p>source=PS111682US1-Assign#page5.tif</p> <p>source=PS111682US1-Assign#page6.tif</p> <p>source=PS111682US1-Assign#page7.tif</p> <p>source=PS111682US1-Assign#page8.tif</p> <p>source=PS111682US1-Assign#page9.tif</p> <p>source=PS111682US1-Assign#page10.tif</p> <p>source=PS111682US1-Assign#page11.tif</p> <p>source=PS111682US1-Assign#page12.tif</p>	

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Inventor Name:	Address:
Magnus Jendbro	Flackarps byväg 12, SE-245 61 Staffanstorps, Sweden
Pär Stenberg	Sjöbovägen 37, SE-247 62 Veberöd, Sweden
Gunnar Klinghult	Änggatan 10A, SE-223 59 Lund, Sweden
Andreas Kristensson	Blåvingevägen 13, SE-247 35 Södra Sandby, Sweden
Ola Thörn	Tegnergatan 15, SE-216 12 Limhamn, Sweden

hereby sell(s) and assign(s) to Sony Mobile Communications AB (the "Assignee"), a company of Sweden having a place of business at Nya Vattentornet, SE-221 88 Lund, Sweden, its successors and assigns, the entire worldwide right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to:

i) the invention(s) and/or improvement(s) entitled:

### CONTROLLING DIRECTION OF LIGHT ASSOCIATED WITH A FLASH DEVICE

for which a patent application is filed concurrently herewith, or was filed under application number 13/882,814 on May 1, 2013 (I/We authorize the appointed U.S. patent attorneys and agents the power to insert the application number and filing date of the application now identified by the attorney docket number and title set forth above.);

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vi) every priority right that is or may be predicated upon or arise from said invention(s), said application(s) and said Letters Patent.

I/We additionally authorize the Assignee to file patent applications in my/our name, or in its own name, for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I/We also appoint the Assignee as my/our common representative to represent me/us before all the competent International Authorities in connection with any and all international applications.

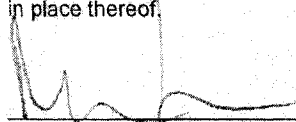
I/We hereby authorize the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to the Assignee in accordance herewith.

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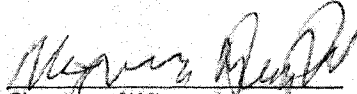
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\_\_\_\_\_  
Magnus Jendbro

2012-06-29  
Date

  
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Signature of Witness 1  
Magnus Blankvist  
\_\_\_\_\_  
Name of Witness 1  
29/6-2012  
\_\_\_\_\_  
Date

  
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Signature of Witness 2  
PRASHANTH NARAY  
\_\_\_\_\_  
Name of Witness 2  
29 - JUN - 2012  
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Date

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Pär Stenberg

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Date

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Attorney Docket No.: PS11 1682WO1

\_\_\_\_\_  
Gunnar Klinghult

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Date

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Andreas Kristensson

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Ola Thörn

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Magnus Jendbro

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Date



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Signature of Witness 1

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Signature of Witness 2

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Name of Witness 1

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Name of Witness 2

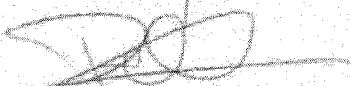
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Pär Stenberg

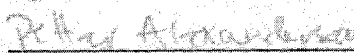
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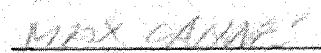
2012-07-02



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Signature of Witness 1

  
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Signature of Witness 2

  
Pär Alexanderson  
\_\_\_\_\_  
Name of Witness 1

  
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Name of Witness 2

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Date

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2012-07-02

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Gunnar Klinghult Date \_\_\_\_\_

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Andreas Kristensson Date \_\_\_\_\_

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Ola Thörn Date \_\_\_\_\_

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Magnus Jendbro

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Date

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\_\_\_\_\_  
Date

Gunnar Klinghult  
Gunnar Klinghult

28/6-12  
Date

[Signature]

Signature of Witness 1

Gunnar Klinghult

Name of Witness 1

28/6-12

Date

[Signature]

Signature of Witness 2

Jani Sasaki

Name of Witness 2

28/6-12

Date

Andreas Kristensson

Date

Signature of Witness 1

Signature of Witness 2

Name of Witness 1

Name of Witness 2

28/6 2012

28/6 2012

Date

Date

[Signature]

Ola Thörn

Date

28/6 2012

[Signature]

Signature of Witness 1

LINUS MÅRTENSSON

Name of Witness 1

28/6 2012

Date

[Signature]

Signature of Witness 2

JOHN WILDT

Name of Witness 2

28/6 2012

Date

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\_\_\_\_\_  
Gunnar Klinghult

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Date

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Signature of Witness 1

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Signature of Witness 2

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Name of Witness 1


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Andreas Kristensson

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Date

  
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Signature of Witness 1

  
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Signature of Witness 2

Oliver Moliner  
Name of Witness 1

CHRISTOPHER OHLSSON  
Name of Witness 2

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Ola Thörn

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Date

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Signature of Witness 1

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Signature of Witness 2

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Name of Witness 1

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