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To the Director of the U.S. Patent and Trademark Office Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies). 1 Gianluca BERRETTINI 5 2 Antonio MALACARNE 6 3 Luca POTI 7 4 Antonella BOGONI 8 Additional name/s of conveying party/ies attached? <input type="checkbox"/> 3 Nature of conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date. 10/27/10, 10/27/10, 10/27/10, 10/27/10, respectively	2. Name and address of receiving party(ies). 1) Name: Telefonaktiebolaget LM Ericsson (publ) Street Address Torshamnsgaten 23 City: Stockholm State/Country: Sweden Zip. SE-164 83 2) Name _____ Street Address _____ City _____ State/Country _____ Zip _____ 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 assignment is being filed together with a new application. A Patent Application No(s). (1) 12/989,598 (2) _____ (3) _____ Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No(s). (1) _____ (2) _____ (3) _____
5 Name and address of party to whom correspondence concerning document should be mailed Name John R Lastova Internal Address _____ Street Address Nixon & Vanderhye P.C. 901 North Glebe Road 11th Floor City Arlington State VA Zip 22203	6 Total number of applications & patents involved 1 7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
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9 Statements and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> John R Lastova Name of Person Signing Reg No 33,149 </div> <div style="text-align: center;"> Signature </div> <div style="text-align: center;"> January 10, 2011 Date </div> </div> <div style="text-align: right; margin-top: 10px;"> Total number of pages including original cover sheet, attachments, and document. [4] </div>	

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ASSIGNMENT

WHEREAS, Gianluca BERRETTINI, Antonio MALACARNE, Luca POTI and Antonella BOGONI, (hereinafter ASSIGNORS) of Via G. Moruzzi 1, Pisa, Italy I-56100; Via Dudley 4, Livorno, Italy I-57100; Via Di Mezzana 7/A, Pisa, Italy I-56124; and Via Conciliazione 61, Mantova, Italy I-46100, respectively, have invented a certain improvement in OPTICAL FLIP-FLOP for which a so-entitled application for Letters Patent of the United States is being concurrently executed herewith; was filed in the United States Patent and Trademark Office on October 25, 2010 under Serial No. ;

WHEREAS, TELEFONAKTIEBOLAGET LM ERICSSON (publ) (hereinafter ASSIGNEE), a corporation of the Country of Sweden, having an office and place of business at Torshamnsgaten 23, Stockholm, Sweden S-16483 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNORS by these presents hereby sell, assign, and transfer unto the ASSIGNEE, its successors, assigns, and legal representatives, the aforesaid application(s) and the full and exclusive right to the invention and improvements therein in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other

international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any Letters Patent or Patents claiming priority from the aforesaid application to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

ASSIGNORS hereby agree to assist in the preparation of and hereby assign a like interest to said ASSIGNEE, its successors, assigns, and legal representatives, without further remuneration, any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid application or otherwise growing out of or related to the invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives necessary to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNORS specifically agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; and

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

AGREED and executed as noted below:

27/10/10 [Signature]
Date Gianluca BERRETTINI

Witnessed by:

Name: [Signature] Date: 27/10/10

27/10/10 [Signature]
Date Antonio MALACARNE

Witnessed by:

Name: [Signature] Date: 27/10/2010

27/10/10 [Signature]
Date Luca POTI

Witnessed by:

Name: [Signature] Date: 27/10/2010

27/10/10 [Signature]
Date Antonella BOGONI

Witnessed by:

Name: [Signature] Date: 27/10/2010