

05-27-2010

AP19 Rec'd PCT/PTO 24 MAY 2010  
COVER SHEET

Our Ref.: 2380-1392



103598289

To the Director of the U.S. Patent and Trademark Office. Please record the attached original documents or copy thereof.	
<p>1. Name of conveying party(ies):</p> <p>1 Nicola CALABRETTA      5 Ernesto CIARAMELLA</p> <p>2 Marco PRESI      6 Fabio CAVALIERE</p> <p>3 Giampiero CONTESTABILE      7 Roberto PROIETTI</p> <p>4 Pierpaolo GHIGGINO      8</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Assignment      <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date:      23 November 2009, 26 January 2010, 26 January 2010, 26 November 2009, 26 January 2010, 26 January 2010 and December 18, 2009, respectively</p>	<p>2. Name and address of receiving party(ies):</p> <p>1) Name: TELEFONAKTIEBOLAGET LM ERICSSON (publ) Street Address: Torshamnsgaten 23 City: Stockholm State/Country: Sweden      Zip: S-164 83</p> <p>2) Name Street Address: City: State:      Zip:</p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.</p> <p>A. Patent Application No(s). (1) 12/600,606 (2) (3)</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent No(s). (1) (2) (3)</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: H. Warren Burnam, Jr.</p> <p>Internal Address:</p> <p>Street Address: Nixon &amp; Vanderhye P.C. 901 North Glebe Road 11th Floor</p> <p>City: Arlington      State: VA      Zip: 22203</p>	<p>6. Total number of applications &amp; patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>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.</p>
<p>05/25/2010 LLANDGRA 00000063 12600606</p> <p>01 FC:8021      40.00 DP</p> <p style="text-align: center;"><b>DO NOT USE THIS SPACE</b></p>	
<p>9. Statements and signature.</p> <p>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.</p> <p>H. Warren Burnam, Jr.      <i>H. Warren Burnam, Jr.</i>      May 24, 2010</p> <p>Name of Person Signing      Signature      Date</p> <p>Reg. No. 29,366</p> <p>Total number of pages including original cover sheet, attachments, and document: [6]</p>	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

# ASSIGNMENT OF PATENT APPLICATION

(Inventors) Nicola CALABRETTA  
 Marco PRESI  
 Giampiero CONTESTABILE  
 Pierpaolo GHIGGINO  
 Ernesto CIARAMELLA  
 Fabio CAVALIERE  
 RP Roberto ~~PROIETTI~~ PROIETTI

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) TELEFONAKTIEBOLAGET LM ERICSSON (publ)  
 (Address) of Torshamnsgaten 23, Stockholm, Sweden S-164 83  
 (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) in the invention, and all application(s) for patent and any Letters Patent which may be granted therefor, known as

(Title) AN OPTICAL PON NETWORK USING PASSIVE DPSK DEMODULATION (Case No. 2380-1392)  
 for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on or has already filed in  
 U.S. appln. Serial No. To be assigned, filed on November 17, 2009.  
 The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

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. 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date 24/11/2009 Signature of inventor

Nicola Calabretta  
Nicola CALABRETTA

Date \_\_\_\_\_ Signature of inventor

\_\_\_\_\_  
Marco PRESI

Date \_\_\_\_\_ Signature of inventor

\_\_\_\_\_  
Giampiero CONTESTABILE

Date \_\_\_\_\_ Signature of inventor

\_\_\_\_\_  
Pierpaolo GHIGGINO

Date \_\_\_\_\_ Signature of inventor

\_\_\_\_\_  
Ernesto CIARAMELLA

Date \_\_\_\_\_ Signature of inventor

\_\_\_\_\_  
Fabio CAVALIERE

Date \_\_\_\_\_ Signature of inventor

\_\_\_\_\_  
Roberto PROIETTI

Date \_\_\_\_\_ Signature of inventor

Date 26/01/2010 Signature of inventor

Date 26/01/2010 Signature of inventor

Date \_\_\_\_\_ Signature of inventor

Date 26/1/2010 Signature of inventor

Date 26/01/2010 Signature of inventor

Date \_\_\_\_\_ Signature of inventor

Nicola CALABRETTA

Marco PRESI

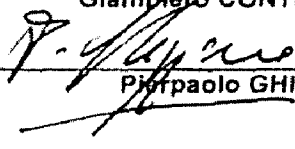
Giampiero CONTESTABILE

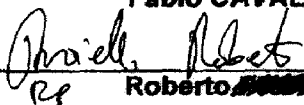
Pierpaolo GHIGGINO

Ernesto CIARAMELLA

Fabio CAVALIERE

Roberto PROIETTI

Date _____	Signature of inventor _____	Nicola CALABRETTA
Date _____	Signature of inventor _____	Marco PRESI
Date _____	Signature of inventor _____	Giampiero CONTESTABILE
Date <u>25 Nov. 2009</u>	Signature of inventor 	Pierpaolo GHIGGINO
Date _____	Signature of inventor _____	Ernesto CIARAMELLA
Date _____	Signature of inventor _____	Fabio CAVALIERE
Date _____	Signature of inventor _____	Roberto PROIETTI

Date _____	Signature of inventor _____	Nicola CALABRETTA
Date _____	Signature of inventor _____	Marco PRESI
Date _____	Signature of inventor _____	Giampiero CONTESTABILE
Date _____	Signature of inventor _____	Pierpaolo GHIGGINO
Date _____	Signature of inventor _____	Ernesto CIARAMELLA
Date _____	Signature of inventor _____	Fabio CAVALIERE
Date <u>12/13/09</u>	Signature of inventor _____	 Roberto PROIETTI