PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2860531

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNORS previously recorded on Reel 031229 Frame 0769. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
ENRICO DE LUCA	04/05/2004
ALESSANDRO LALA	04/26/2004
MARTIN ISRAELSSON	04/05/2004
ANDERS MOLANDER	04/05/2004
MAURIZIO IOVIENO	04/05/2004
ÁRPÁD KORMOS	04/05/2004

RECEIVING PARTY DATA

Name:	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Street Address:	SE-164 83
City:	STOCKHOLM
State/Country:	SWEDEN
Postal Code:	SE-164 83

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13972666	

CORRESPONDENCE DATA

Fax Number: (972)583-7864

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 972-583-4795

Email: kathryn.lopez@ericsson.com

Correspondent Name: RONALD J. WARD **Address Line 1:** 6300 LEGACY DRIVE

Address Line 2: MS EVR 1-C-11

Address Line 4: PLANO, TEXAS 75024

ATTORNEY DOCKET NUMBER:	P15310-US1	
NAME OF SUBMITTER:	DIANE TAYLOR	
SIGNATURE:	/Diane Taylor/	
DATE SIGNED:	05/19/2014	DATENT

502813937 REEL: 032921 FRAME: 0830

Total Attachments: 9 source=P15310_2013-09-18_Recorded_US3_Assignment-1#page1.tif source=P15310_2013-09-18_Recorded_US3_Assignment-1#page2.tif source=P15310_2013-09-18_Recorded_US3_Assignment-1#page3.tif source=P15310_2013-09-18_Recorded_US3_Assignment-1#page4.tif source=P15310_2013-09-18_Recorded_US3_Assignment-1#page5.tif source=P15310_2013-09-18_Recorded_US3_Assignment-1#page6.tif source=P15310_2013-09-18_Recorded_US3_Assignment-1#page7.tif source=P15310_US3_2013-09-18_Original Cover Sheet#page1.tif source=P15310_US3_2013-09-18_Original Cover Sheet#page2.tif





Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

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I	PATENT ASSIGNMENT	

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT
NATURE OF CONVEYAN	31	ASSIGNMENT

#### **CONVEYING PARTY DATA**

	Execution Date
	04/05/2004
Alessandro Lala	04/26/2004
Martin Israelsson	04/05/2004
Anders Molander	04/05/2004
Maurizio Iovieno	04/05/2004

#### **RECEIVING PARTY DATA**

Name:	Telefonaktiebolaget LM Ericsson (publ)
Street Address:	SE 164 83
City:	Stockholm
State/Country:	SWEDEN
	SE-164 83

#### **PROPERTY NUMBERS Total: 1**

***********	Property Type	Number	-

•		USPTO. EPAS. Receipt
Application Number:	1397	2666
CORRESPONDENCE DA	ATA	
Fax Number:	9725837864	
Phone:	972-583-4795	5
Email:	kathryn.lopez	@ericsson.com
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Correspondent Name:	Ronald J. War	d
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Address Line 4:	Plano, TEXA	S 75024
ATTORNEY DOCKET NUMBER: P15310-US3		
NAME OF SUBMITTER:		Ronald J. Ward
Signature:		/Ronald J. Ward, Reg No 54,870/
Date:		09/18/2013
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RECEIPT INFORMATION  EPAS ID: Receipt Date:	PAT2544 09/18/201	

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In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, we,

- Enrico De Luca, a citizen of Italy, residing at Via P. Amato, 27, 81100
   Caserta, Italy,
- Alessandro Lala, a citizen of Italy, residing at Via Canzanella Vecchia 44, 80125 Napoli, Italy,
- Martin Israelsson, a citizen of Sweden, residing at Mjölnarstigen 15,
   SE-163 41 Spånga, Sweden.
- Anders Molander, a citizen of Sweden, residing at Karl Dahlgrensgatan 21, SE-582 28 Linköping, Sweden,
- 5) Maurizio Invieno, a citizen of Italy, residing at Via Vittorio Emanuele
  III Curteri, I-84085 Mercato San Severino (SA), Italy, and
- Árpád Kormos, a cítizen of Hungary, residing at Hrivnák Pál u. 163,
   HU-1237 Budapest, Hungary.

sell and assign to Telefonaktiebolaget LM Ericsson (publ), a corporation organized under the laws of Sweden (the Company), having registered offices at SE-164 83 Stockholm, Sweden, its successors and assigns the entire right, title, and interest in and to the improvements in Method for the Determination of a Receiver for Location Information, invented by us, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

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Attorney Docket Number P15310-US1
Page 2 of 7

Assignment Letter

OS/APRIL /2004
Date

Enrico De Luca
First Inventor

On the 5th day of APRIL 2004, before us personally appeared Enrico De Luca, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same.

VIA ARTIONALE, 234

VI

Tulu Mello Witness 2 Signature

<u> ∂wserte (1€0,000)</u> Print Name VIA PASSANTI, 341 <u>86048 SCATATI (SA)</u> ITACY

Address

EUS/J/P04-3069

26 - 04 - 2004 Date

Alessandro Lala Second Inventor

On the <u>U</u> day of <u>APQUE</u>, 2004, before us personally appeared Alessandro Lala, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same.

<u>Coesse Gons II in Aeserga Arto , Homesinge Rei, Marcheste</u>r uk. Print Name Address

Witness 2 Signature

**Print Name** 

MOHAMMED IMRAN RAFIR F3-11, SCG, BOOTH STREET WEST, MANCHESTER, UK Address

5/4-2004		at Ish	nese.
Date		tin Israelsson d Inventor	•••••
Martin Israelsson, to u	is known and known to us t	before us personally appea to be the individual named in viedged that he/she executed	and
JANER Sande	C Anders Sandell	/ <i>Vårvägen 59 194 (</i> Addréss	8 Uppl Väsky,
Witness 1 Signature	Print Name	Addréss /	TT Sweden
Vilo Aurilla	Niilo Musikka	Nockelyu 59,16775	Birmma
Witness 2 Signature	Print Name	Address	

Altomey Docket Number P15310-US1 Page 5 of 7

# Assignment Letter

<u> </u>		nders Molander	
On the <u>O.S</u> day of Anders Molander, to us who executed the foregoin	<u>Αργί</u> , 200 known and known to u	)4, before us personally s to be the individual na	
same.	Halina Wiska	Ziridslieden 9 ; 5	89 35 Zinlespinz
Witness 1 Signature	Print Name	Address	
<u>Guara</u> <u>Jalo</u> Witness 2 Signature	<u>Guerraz Hedd</u> Print Name	y <u>Bosia 9, 58.</u> Address	232 Linköping

Attorney Docket Number P15310-US1 Page 6 of 7

## **Assignment Letter**

Fifth Inventor

On the  $\frac{5^{25}}{}$  day of  $\frac{8000}{}$  2004, before us personally appeared Maurizio lovieno, to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same. VIA NAZIONALE, 234

<u> αιδωρίουν Κόνωνο ΗΑλία Κόζελία *Κό*νανο</u> Witness 1 Signature Print Name

<u> XXALX</u> Address

84018 SCAFATT (SA)

ing, Molita Witness 2 Signature

CHISTATE MELLICA Print Name

86018 SCHTATI (58)

Address

CIA PASSAGTO . 314

EUS/J/P04-3069

<u>2004 04 05</u> Date	Arp	<u>od √owded</u> <b>ád Kormos</b> h Inventor			
On the <u>Stia</u> day of <u>April</u> , 2004, before us personally appeared <b>Árpád Kormos</b> , to us known and known to us to be the individual named in and who executed the foregoing instrument, and acknowledged that he/she executed the same.					
BAN G	LÁSZLÓ BALLA	24 TAS, POMÁZH	un 6169 H-2213		
Witness 1 Signature	Print Name	Address			
1,44	GABOR LEVAY	1192 BUDAPE	ST SZIKRA W A		
Witness 2 Signature	Print Name	Address सव	NGARY		

EUS/J/P04-3069

PATENT REEL: 032921 FRAME: 0840

RECORDED: 05/19/2014