

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5519160

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)	11/19/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
<b>Street Address:</b>	SE-164 83
<b>City:</b>	STOCKHOLM
<b>State/Country:</b>	SWEDEN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16384753
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)854-2084
<i>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.</i>	
<b>Email:</b>	uspto-assignments@coatsandbennett.com
<b>Correspondent Name:</b>	COATS & BENNETT, PLLC
<b>Address Line 1:</b>	1400 CRESCENT GREEN, SUITE 300
<b>Address Line 4:</b>	CARY, NORTH CAROLINA 27518
<b>ATTORNEY DOCKET NUMBER:</b>	4015-10784 / P32379-US3
<b>NAME OF SUBMITTER:</b>	DAVID E. BENNETT
<b>SIGNATURE:</b>	/David E. Bennett, Reg. No. 32194/
<b>DATE SIGNED:</b>	05/13/2019
<b>Total Attachments: 4</b>	
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## CERTIFICATE OF REGISTRATION

Registration number: 556016-0680  
 Date of registration: 1918-08-19  
 Company name: Telefonaktiebolaget LM Ericsson  
 Address:  
 164 83 STOCKHOLM  
 Registered office: Stockholm



The company is registered as a public limited liability company

**THE COMPANY WAS FORMED**  
 1918-07-18

**SHARE CAPITAL**

Share capital... : SEK 16,525,258,678	Min... : SEK 6,000,000,000
	Max... : SEK 24,000,000,000
Number of shares: 3,305,051,735	Min... : 3,000,000,000
	Max... : 12,000,000,000

**BOARD MEMBER, MANAGING DIRECTOR**

650623-7517 Vestberg, Hans Erik, Heimdalsvägen 18, 182 63 DJURSHOLM

**BOARD MEMBER, CHAIR OF THE BOARD**

510830-5011 Johansson, Leif Valdemar,  
 c/o Telefonaktiebolaget LM Ericsson, 164 83 STOCKHOLM

**BOARD MEMBERS**

610105 Austin, Roxanne Schuh, 30 Pelican Crest Drive,  
 Newport Coast, CA 92657, USA, USA  
 660820-2518 Claesson, Lars Jonas Pehr, Lokattsbacken 50,  
 426 74 VÄSTRA FRÖLUNDA  
 Employee representative  
 620831 Denzel, Nora, 15668 Bohlman Rd, SARATOGA, CA 95070, USA  
 630121-5577 Ekholm, Erik Börje, Fredrikshovsgatan 10, 3 tr,  
 115 23 STOCKHOLM  
 640110-0950 Izosimov, Alexander, Varingavägen 2 B, 182 63 DJURSHOLM

CONTD.


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450821-2836 Johansson, Jan Ulf Sigvard, Strandvägen 43, 4tr,  
 114 56 STOCKHOLM  
 690406-5916 Långqvist, Jan Mikael, Hagendalsvägen 14, 592 30 KUMLA  
 Employee representative  
 540512-9114 Nyrén, Lars Anders, c/o Industrivärden, Box 5403,  
 114 84 STOCKHOLM  
 700201 Singh Cassidy, Sukhinder Kaur, 2 Parkwood Dr, Atherton,  
 CA 94027, FÖRENTA STATERNA  
 660811 Skogen Lund, Kristin, Morgedalsvegen 25, 0778 OSLO, NORGE  
 560113-0015 Wallenberg, Jacob, Lästmakargatan 18, lgh 2002,  
 111 44 STOCKHOLM  
 591220-8203 Ölund Åberg, Karin Margareta, Helgestavägen 71,  
 124 32 BANDHAGEN  
 Employee representative

## DEPUTY BOARD MEMBERS

701106-6995 Hadzic, Zlatko, Bjursåtrågatan 37 5tr, 124 62 BANDHAGEN  
 Employee representative  
 570704-5604 Lennartsson, Eva Karin, Basunvägen 126, 434 47 KUNGSBACKA  
 Employee representative  
 710907-2533 Svensson, Inge Roger, Båtbyggargatan 2, 4 tr.,  
 120 68 STOCKHOLM  
 Employee representative

## DEPUTY MANAGING DIRECTORS

650422-1299 Frykhammar, Jan Magnus, Lokevägen 33, 182 64 DJURSHOLM  
 590512-5216 Mandersson, Per Magnus, 29, Rue Alfred de Musset,  
 2175 LUXEMBURG, LUXEMBURG


## SPECIALLY AUTHORIZED SIGNATORIES

541220-1005 Allenius, Eva-Britt, Skogsslingen 4, 182 30 DANDERYD  
 680920-1012 Bansal, Arun, Sköldvägen 32, 182 61 DJURSHOLM  
 631218-5553 Erséus, Thomas Erik Torsten, Bratteråsbacken 39 lgh 1701,  
 417 62 GÖTEBORG  
 650602-7173 Ewaldsson, Ulf Ewald, Kommendörsgatan 40, 114 58 STOCKHOLM  
 671010-1244 Grunewald, Elaine Marguerite, Sankt Eriksgatan 25,  
 112 39 STOCKHOLM  
 580808-0153 Gunnarsson, Pär Lennart, Styrbordsgatan 22, 5 tr,  
 120 65 STOCKHOLM  
 510220-2073 Hagman, Aldor Roland Fritiof, Gamla Värmdövägen 12, 11 tr,  
 131 34 NACKA  
 670530-7574 Heilborn, Per Jörgen, Krossvägen 27, 178 40 EKERÖ  
 760410-2454 Heuman, Lars Peter, Borgstigen 6, 133 33 SALTSJÖBADEN  
 510121-0234 Johrén, Lars Peter, Nippervägen 19, 126 41 HÄGERSTEN  
 680324-7078 Lindblad, Anders Bernhard, Strandvägen 9, 114 56 STOCKHOLM

CONTD.

PATENT

REEL: 049156 FRAME: 0804


 CERTIFICATE OF REGISTRATION

Registration number: 556016-0680  
 Date of registration: 1918-08-19  
 Company name: Telefonaktiebolaget LM Ericsson

580301-5105 Macpherson, Nina Maria, Ringen 18, 182 74 STOCKSUND  
 640627-1178 Mellander, Carl Johan Torigny, Wittstocksgatan 3,  
 115 24 STOCKHOLM  
 600106-1503 Modén, Gunilla Christina, Osterångsvägen 6 B,  
 182 46 ENEBYBERG  
 580620-4813 Mohammar, Vidar, Börjesonsvägen 6, 168 50 BROMMA  
 600326-1150 Molander, Lars Axel, Hagagatan 44, 113 47 STOCKHOLM  
 700603-0303 Norrman, Helena, Midgårdsvägen 9, 191 45 SOLLENTUNA  
 670708-6606 Petersson, Christina Cecilia, Eketorpsvägen 10,  
 182 61 DJURSHOLM  
 640915-0056 Stringberg, Karl Jonas Gustav, Lingonbackarna 3,  
 142 64 TRÅNGSUND  
 640418-0272 Wikner, Fredrik Gunnar Torleif, Kristinavägen 2,  
 131 50 SALTSJÖ-DUVNAS  
 561128-6617 Wäreby, Jan Erik, Karlaplan 7, 114 60 STOCKHOLM  
 630824-0438 von Essen Thulin, Anders Petter, Uddnäs Gård,  
 176 76 JÄRFALLA

**AUDITORS**

556067-4276 PricewaterhouseCoopers AB, 113 97 STOCKHOLM  
 Represented by: 661113-2934

**PRINCIPALLY RESPONSIBLE AUDITOR**

661113-2934 Nyllinge, Ulf Peter, Valkyriavägen 7 B, 182 67 DJURSHOLM


**SIGNATORY POWER**

In addition to the board of directors,  
 any two jointly of

Bansal, Arun  
 Ewaldsson, Ulf Ewald  
 Frykhammar, Jan Magnus  
 Grunewald, Elaine Marguerite  
 Gunnarsson, Pär Lennart  
 Hagman, Aldor Roland Fritiof  
 Heuman, Lars Peter  
 Johansson, Leif Valdemar  
 Lindblad, Anders Bernhard  
 Macpherson, Nina Maria  
 Mandersson, Per Magnus  
 Mohammar, Vidar  
 Norrman, Helena  
 Nyren, Lars Anders  
 Vestberg, Hans Erik  
 Wallenberg, Jacob  
 Wäreby, Jan Erik

CONTD.

**PATENT**  
**REEL: 049156 FRAME: 0805**

  
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von Essen Thulin, Anders Petter

or any one of them in combination with any one of

Allenius, Eva-Britt  
Erséus, Thomas Erik Torsten  
Heilborn, Per Jörgen  
Johré, Lars Peter  
Mellander, Carl Johan Torgny  
Modén, Gunilla Christina  
Molander, Lars Axel  
Petersson, Christina Cecilia  
Stringberg, Karl Jonas Gustav  
Wikner, Fredrik Gunnar Torleif

are entitled to sign on behalf of the company.

Furthermore, the Managing Director, in his normal business activities,  
is also entitled to sign on behalf of the company.

**ARTICLES OF ASSOCIATION**

Date of the latest change: 2011-04-13

**FINANCIAL YEAR**

Registered financial year: 0101 - 1231  
Latest annual report submitted covers financial  
period 20140101-20141231

**DATE OF REGISTRATION OF CURRENT AND PREVIOUS COMPANY NAMES**

2015-11-19 Telefonaktiebolaget LM Ericsson  
1926-07-16 Telefonaktiebolaget L M Ericsson  
1918-08-19 Allmänna telefonaktiebolaget L.M. Ericsson

SUNDSVALL 2015-11-20

Ex officio

  
Carolina Cardell