

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6041399

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	OY L M ERICSSON AB	04/26/2018
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:	62618806
CORRESPONDENCE DATA		
Fax Number:	(972)583-7864	
<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>		
Phone:	4692660018	
Email:	amber.rodgers@ericsson.com	
Correspondent Name:	ERICSSON INC.	
Address Line 1:	6300 LEGACY DRIVE	
Address Line 2:	M/S EVR 1-C-11	
Address Line 4:	PLANO, TEXAS 75024	
ATTORNEY DOCKET NUMBER:	P74028 US1 (LMF TO LME)	
NAME OF SUBMITTER:	AMBER RODGERS	
SIGNATURE:	/amber rodgers/	
DATE SIGNED:	04/01/2020	
Total Attachments: 4		
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source=P74028_Formal Documents_2020-04-01 (US1) recorded Assignment (LMF to LME)#page4.tif		



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 2, 2020

PTAS

ERICSSON INC.
6300 LEGACY DRIVE
M/S EVR 1-C-11
PLANO, TX 75024

505994689

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/01/2020

REEL/FRAME: 052281/0701
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: P74028 US1 (LMF TO LME)

ASSIGNOR:

OY L M ERICSSON AB

DOC DATE: 04/26/2018

ASSIGNEE:

TELEFONAKTIEBOLAGET LM ERICSSON
(PUBL)
SE-164 83
STOCKHOLM, SWEDEN SE-164 83

APPLICATION NUMBER: 62618806

FILING DATE: 01/18/2018

PATENT NUMBER:

ISSUE DATE:

TITLE: ACCESS CATEGORY MAPPING TO ESTABLISHMENT CAUSE

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

LMF to LME Assignment

This Assignment is made by **Oy L M Ericsson Ab**, a corporation duly organized under and pursuant to the laws of Finland and having its principal place of business at Hirsalantie 11, 02420 Jorvas, Finland (hereinafter referred to as "Assignor") in favor, and for the benefit and behoof of, **Telefonaktiebolaget LM Ericsson (publ)**, a corporation duly organized under and pursuant to the laws of Sweden and having its principal place of business at S-164 83 Stockholm, Sweden (hereinafter referred to as "Assignee").

For good, sufficient and adequate consideration, the receipt of which is hereby acknowledged, the Assignor has as of the Effective Date, sold, assigned, transferred, and set over, and by these presents, and to the extent any transferable or assignable rights still remain with the assignor do hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the following inventions, application(s) for Letters Patent, and any and all Letters Patent or Patents in all countries and pursuant to all multilateral treaty organizations, including Sweden, Finland, the United States of America, the Patent Cooperation Treaty and European Convention, that may be granted therefor and thereon, and in and to any and all divisions, continuations, continuations-in-part, conversions and utility models of said application(s), and reissues and extensions of said Letters Patent or Patents, the same to be held and enjoyed by the Assignee, for its use and behoof and the use and the behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent, Patents and Utility Models may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made:

Access Category mapping to establishment cause

including, but not limited to, the application(s) for Letters Patent and Utility Model filed in:

Country Code	Application Number(s)	Filing Date(s)
US	62/618806	1/18/2018

The Effective date is the earliest date of the above listed Filing Date(s).

Assignor hereby authorizes and requests Assignee's Attorneys to insert the serial number and filing date of said application(s) for Letters Patent or Utility Model, when known. The assignment of the above mentioned rights includes a transfer of the whole right to use a priority (including priority according to any convention, multilateral agreement, bilateral agreement and national law) of the above mentioned application(s) for Letter Patent and Utility Model in all countries and multilateral treaty organizations wherein no residual rights shall remain with the Assignor. Assignor hereby request that said Letters Patent, Patent or Utility Model be issued to Assignee as the Assignee of said inventions, the Letters Patent, Patent or Utility Model to to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns. Assignee alone hereinafter has the entire disposal of the invention and possesses entire ownership to any domestic and foreign patents or utility models granted thereafter. The rights granted hereunder shall include all rights to institute legal actions, obtain remedies and recover and retain damages in respect to said Letters Patent, Patent or Utility Model.

LMF to LME Assignment

The Assignor and Assignee hereby understand and agree that with the execution of this Assignment, to the extent necessary or appropriate, national and/or regional applications may be filed by the Assignee as the applicant and on behalf of the assignor.

To the extent Assignee is entitled to receive the rights hereunder pursuant to this Assignment, Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of the Effective Date, the Assignor was the sole and lawful owner of the entire right, title, and interest in and to the inventions and application(s) for Letters Patent or Utility Models above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, and for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions, or said application(s) for Letters Patent or Utility Model, or any proceeding in connection with Letters Patent or Utility Model for said inventions, in any country and any multilateral treaty organization, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part, conversion or Utility Model of any application(s) for Letters Patent or Utility Model, or any reissue or extension of any Letters Patent or Utility Model to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Utility Model for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns. If the Assignor is prevented by any obstacles from signing said documents in person, this Assignment shall be valid as a Power of Attorney for the Assignee to sign these documents on behalf of any such Assignor.

This Assignment shall be governed by and construed under, and any dispute, controversy or claim related hereto shall be decided in accordance with the laws of Sweden, without regard to the conflicts of laws provisions thereof. Any dispute, controversy or claim arising under, out of or relating to this Assignment and any subsequent amendments of this Assignment, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. The arbitral tribunal shall consist of a sole arbitrator. The place of arbitration shall be Sweden. The language to be used in the arbitral proceedings shall be English.

No modifications shall be made to this Assignment unless in writing and signed by each of the Assignor and Assignee. If any of the provisions of this Assignment shall be deemed invalid or unenforceable, then the entire Assignment shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of Assignee and Assignor shall be construed and enforced accordingly. Assignee's failure to exercise any option made available as a result hereof, shall not be construed as a waiver of

LMF to LME Assignment

such provisions, rights, or options, or affect the validity of this Assignment. Assignor covenants and agrees that it will not take any actions in violation of this Assignment.

Subsequent assignment from any of the assignors to the assignee purporting to convey the subject matter specified herein for a particular country, patent office, or jurisdiction shall not invalidate any provision of this assignment and any such subsequent assignment shall act as a further confirmation of the assignment herein.

LMF to LME Assignment

Access Category mapping to establishment cause

Signature of Assignee

Telefonaktiebolaget LM
Ericsson (publ)

Date.....18/5-2018

Lena Lundholm Carlsson

Name: Lena Lundholm
Carlsson
Title: Director, IPR
Processes & Tools

Signature of Assignor

Oy L M Ericsson Ab

Date.....26.4.2018

Hannu Ahonen

Name: Hannu Ahonen
Title: Senior Group Legal
Counsel

Date.....26.4.2018

Olli Sirkka

Name: Olli Sirkka
Title: President

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6041417

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JENS BERGQVIST	04/24/2018
HANS KRISTER MIKAEL SALLBERG	04/04/2018
IVO SEDLACEK	03/22/2018
PONTUS WALLENTIN	04/10/2018
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:	62618806
CORRESPONDENCE DATA	
Fax Number:	(972)583-7864
<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>	
Phone:	4692660018
Email:	amber.rodgers@ericsson.com
Correspondent Name:	ERICSSON INC.
Address Line 1:	6300 LEGACY DRIVE
Address Line 2:	M/S EVR 1-C-11
Address Line 4:	PLANO, TEXAS 75024
ATTORNEY DOCKET NUMBER:	P74028 US1
NAME OF SUBMITTER:	AMBER RODGERS
SIGNATURE:	/amber rodgers/
DATE SIGNED:	04/01/2020
Total Attachments: 7	
source=P74028_Formal Documents_2020-04-01 (US1) recorded Assignment #page1.tif	
source=P74028_Formal Documents_2020-04-01 (US1) recorded Assignment #page2.tif	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 2, 2020

PTAS

ERICSSON INC.
6300 LEGACY DRIVE
M/S EVR 1-C-11
PLANO, TX 75024

505994707

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 04/01/2020

REEL/FRAME: 052281/0822
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: P74028 US1

ASSIGNOR:
BERGQVIST, JENS

DOC DATE: 04/24/2018

ASSIGNOR:
SALLBERG, HANS KRISTER MIKAEL

DOC DATE: 04/04/2018

ASSIGNOR:
SEDLACEK, IVO

DOC DATE: 03/22/2018

ASSIGNOR:
WALLENTIN, PONTUS

DOC DATE: 04/10/2018

ASSIGNEE:
TELEFONAKTIEBOLAGET LM ERICSSON
(PUBL)
SE-164 83
STOCKHOLM, SWEDEN SE-164 83

APPLICATION NUMBER: 62618806

FILING DATE: 01/18/2018

PATENT NUMBER:

ISSUE DATE:

TITLE: ACCESS CATEGORY MAPPING TO ESTABLISHMENT CAUSE

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

This Assignment is made by:

BERGQVIST, Jens

**Kärnmakaregatan 32
SE-587 37 LINKÖPING**

Sweden

SÄLLBERG, Hans KRISTER Mikael

**Flygelvägen 156
224 72 LUND**

Sweden

SEDLACEK, Ivo

**Mezi Zahradami 464
250 64 Hovorcovice**

Czech Republic

WALLENTIN, Pontus

**Trastgatan 3
SE-582 39 LINKÖPING**

Sweden

(hereinafter referred to as "Assignor(s)") in favor, and for the benefit and behoof of, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having its principal place of business at SE-164 83 Stockholm, Sweden (hereinafter referred to as "Assignee").

For good, sufficient and adequate consideration, the receipt of which is hereby acknowledged, the Assignor(s) have, as of the Effective Date, sold, assigned, transferred, and set over, and by these presents, and to the extent any transferable or assignable rights still remain with the inventor, do hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the following inventions, application(s) for Letters Patent, and any and all Letters Patent or Patents in all countries and pursuant to all multilateral treaty organizations, including Sweden, the United States of America, the Patent Cooperation Treaty and European Patent Convention, that may be granted therefor and thereon, and in and to any and all divisions, continuations, continuations-in-part, conversions and utility models of said application(s), and reissues and extensions of said Letters Patent or Patents, the same to be held and enjoyed by the Assignee, for its use and behoof and the use and the behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent, Patents and Utility Models may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made:

Access Category mapping to establishment cause

including, but not limited to, the application(s) for Letters Patent and Utility Model filed in:

Country Code	Priority Application(s)	Filing Date(s)
--------------	-------------------------	----------------

ASSIGNMENT

US	62/618806	1/18/2018
		- -
		- -

The Effective date is the earliest date of the above listed Filing Date(s).

Assignor(s) hereby authorize and request Assignee's Attorneys to insert the serial number and filing date of said application(s) for Letter Patent or Utility Model, when known. The assignment of the above mentioned rights includes a transfer of the whole right to use a priority (including priority according to any convention, multilateral agreement, bilateral agreement and national law) of the above mentioned application(s) for Letter Patent and Utility Model in all countries and multilateral treaty organizations wherein no residual rights shall remain with the Assignor(s). Assignor(s) hereby request that said Letters Patent, Patent or Utility Model be issued to Assignee as the Assignee of said inventions, the Letters Patent, Patent or Utility Model to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns. Assignee alone hereinafter has the entire disposal of the invention and possesses entire ownership to any domestic and foreign patents or utility models granted thereafter. The rights granted hereunder shall include all rights to institute legal actions, obtain remedies and recover and retain damages in respect to said Letters Patent, Patent or Utility Model.

The Assignor(s) and Assignee hereby understand and agree that with the execution of this Assignment, to the extent necessary or appropriate, national and/or regional applications may be filed by the Assignee as the applicant and on behalf of the assignor.

To the extent Assignee is entitled to receive the rights hereunder pursuant to this Assignment, each of the Assignor(s) hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of the Effective Date, the Assignor(s) were the sole and lawful owners of the entire right, title, and interest in and to the inventions and application(s) for Letters Patent or Utility Models above-mentioned, and that the same are unencumbered, and that the Assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, and for the same consideration, the Assignor(s) hereby covenant(s) and agree(s) to and with the Assignee, its successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said application(s) for Letters Patent or Utility Model, or any proceeding in connection with Letters Patent or Utility Model for said inventions, in any country and any multilateral treaty organization, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part, conversion or Utility Model of any application(s) for Letters Patent or Utility Model, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Utility Model for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns. If any of the Assignor(s) is prevented by any obstacles from signing said documents in person, this Assignment shall be valid as a Power of Attorney for the Assignee to sign

ASSIGNMENT

these documents on behalf of any such Assignor(s) or, in the event of the death of the latter, the estate thereof.

This Assignment shall be governed by and construed under, and any dispute, controversy or claim related hereto shall be decided in accordance with, the laws of:
Sweden

without regard to the conflicts of laws provisions thereof. Any dispute, controversy or claim arising under, out of or relating to this Assignment and any subsequent amendments of this Assignment, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. The arbitral tribunal shall consist of a sole arbitrator. The place of arbitration shall be in the country of the inventor's residence. The language to be used in the arbitral proceedings shall be English.

No modifications shall be made to this Assignment unless in writing and signed by each of the Assignor(s) and Assignee. If any of the provisions of this Assignment shall be deemed invalid or unenforceable, then the entire Assignment shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of Assignee and Assignor(s) shall be construed and enforced accordingly. Assignee's failure to exercise any option made available as a result hereof, shall not be construed as a waiver of such provisions, rights, or options, or affect the validity of this Assignment. Assignor covenants and agrees that it will not take any actions in violation of this Assignment.

Subsequent assignment from any of the assignors to the assignee purporting to convey the subject matter specified herein for a particular country, patent office, or jurisdiction shall not invalidate any provision of this assignment and any such subsequent assignment shall act as a further confirmation of the assignment herein.

Date.....4/25/18.....

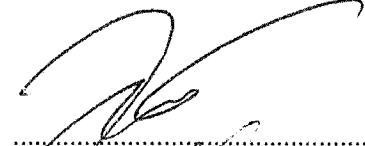
Signature on behalf of
Assignee


Roger S. Burleigh

Patent Unit Director

ASSIGNMENT

Title: Access Category mapping to establishment cause

Date 2018-04-24 Signature of Assignor
BERGMIST, JensDate 2018-04-24 Witnessed by

Name:

Address:


Samuel Axelsson

Kvinnebyvägen 230

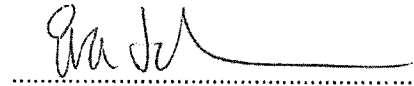
589 33 Linköping, Sweden...

Ph +46 738 09 30 49

Date 2018-04-24 Witnessed by

Name:

Address:


Eva Johannessson

Landeryd Sörholmen 2

SE-585 93 Linköping, Sweden

Ph +46 10 716 39 63

ASSIGNMENT

Title: Access Category mapping to establishment cause

Date: April 4, 2018 Signature of AssignorKristen Sällberg
SÄLLBERG, Hans KRISTER MikaelDate: Apr 14, 2018 Witnessed by

Name:

Address:

Håkan Palm
Håkan Palm
Borggården 167
352 61 Växjö
SwedenDate: Apr 4, 2018 Witnessed by

Name:

Address:

Bo Jönsson
Bo Jönsson
Skymningsvägen 133
226 49 Lund
SWEDEN

ASSIGNMENT

Title: Access Category mapping to establishment cause

Date.....2018-03-22.....

Signature of Assignor

.....
SEDLACEK, Ivo

Date.....2018-03-22.....

Witnessed by

Name:

Address:

.....
Diana Kypková
Na Harfě 935/5B
190 00 Praha 9

Date.....2018-03-22.....

Witnessed by

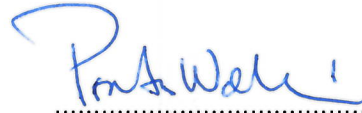
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Address:

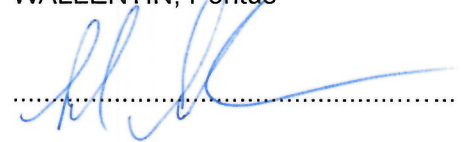
.....
Katerina Gottwaldová
Revoluční 212/23
150 92 Pstky-jaro

ASSIGNMENT

Title: Access Category mapping to establishment cause

Date: April 10th, 2018 Signature of Assignor

WALLENTIN, Pontus

Date: April 10th, 2018 Witnessed by

Name:

Samuel Axelsson

Address:

Kvinnebyvägen 230

589 33 Linköping, Sweden

Ph +46 738 09 30 49

Date: April 10th, 2018 Witnessed by

Name:

Nicklas Johansson

Address:

Lovabacken 1

590 45 Brokind, Sweden

Ph +46 727 24 21 45

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6041391

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JANNE PEISA	03/27/2018
RECEIVING PARTY DATA		
Name:	OY L M ERICSSON AB	
Street Address:	HIRSALANTIE 11	
City:	JORVAS	
State/Country:	FINLAND	
Postal Code:	02420	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	62618806
CORRESPONDENCE DATA		
Fax Number:	(972)583-7864	
<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>		
Phone:	4692660018	
Email:	amber.rogers@ericsson.com	
Correspondent Name:	ERICSSON INC.	
Address Line 1:	6300 LEGACY DRIVE	
Address Line 2:	M/S EVR 1-C-11	
Address Line 4:	PLANO, TEXAS 75024	
ATTORNEY DOCKET NUMBER:	P74028 US1 (INV TO LMF)	
NAME OF SUBMITTER:	AMBER RODGERS	
SIGNATURE:	/amber rodgers/	
DATE SIGNED:	04/01/2020	
Total Attachments: 4		
source=P74028_Formal Documents_2020-04-01 (US1) recorded Assignment (INV to LMF)#page1.tif		
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source=P74028_Formal Documents_2020-04-01 (US1) recorded Assignment (INV to LMF)#page4.tif		



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APRIL 2, 2020

PTAS

ERICSSON INC.
6300 LEGACY DRIVE
M/S EVR 1-C-11
PLANO, TX 75024

505994681

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REEL/FRAME: 052281/0670
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: P74028 US1 (INV TO LMF)

ASSIGNOR:

PEISA, JANNE

DOC DATE: 03/27/2018

ASSIGNEE:

OY L M ERICSSON AB
HIRSALANTIE 11
JORVAS, FINLAND 02420

APPLICATION NUMBER: 62618806

FILING DATE: 01/18/2018

PATENT NUMBER:

ISSUE DATE:

TITLE: ACCESS CATEGORY MAPPING TO ESTABLISHMENT CAUSE

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT AGREEMENT

This Assignment is made by:

PEISA, Janne

**Koivunlehtväkuja 3
FI-02130 ESPOO
Finland**

(hereinafter referred to as "Assignor(s)") in favor, and for the benefit and behoof of, Oy L M Ericsson Ab, a corporation duly organized under and pursuant to the laws of Finland and having its principal place of business at Hirsalantie 11, 02420 Jorvas, Finland (hereinafter referred to as "Assignee").

The Assignor(s) have, as of the Effective Date, sold, assigned, transferred, and set over, and by these presents, and to the extent any transferable or assignable rights still remain with the inventor, do hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the following inventions, application(s) for any and all Letters Patent, Patents and Utility Model(s) in all countries and pursuant to all multilateral treaty organizations, including Finland, the United States of America, the Patent Cooperation Treaty and European Patent Convention, that may be granted therefor and thereon, and in and to any and all divisions, continuations, continuations-in-part, conversions and utility models of said application(s), and reissues and extensions of said Letters Patent, Patents or Utility Model(s), the same to be held and enjoyed by the Assignee, for its use and behoof and the use and the behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent, Patents and Utility Models may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made:

Access Category mapping to establishment cause

including, but not limited to, the application(s) for Letters Patent and Utility Model filed in:

Country Code	Priority Application(s)	Filing Date(s)
US	62/618806	1/18/2018
		- -
		- -

The Effective date is the earliest date of the above listed Filing Date(s).

This Assignment shall be subject to the laws of Finland and Ericsson Inventor Awards System valid at the time of the Assignors submitted the Applicable Notification Form to the Assignee. The Assignor(s) acknowledge that they are aware of the content and provisions of the Ericsson Inventor Awards System.

Assignor(s) hereby authorize and request Assignee's Attorneys to insert the serial number and filing date of said application(s) for Letter Patents, Patent or Utility Model, when known. The assignment of the above mentioned rights includes a transfer of the whole right to use a priority (including priority according to any convention, multilateral agreement, bilateral agreement and national law) of the above mentioned application(s) for Letter Patent, Patents and Utility Model in all countries and multilateral treaty organizations wherein no residual rights shall remain with the Assignor(s). Assignor(s) hereby request that said Letters Patent, Patents or Utility Model be issued to Assignee as the Assignee of

ASSIGNMENT AGREEMENT

said inventions, the Letters Patent, Patent or Utility Model to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns. Assignee alone hereinafter has the entire disposal of the invention and possesses entire ownership to any domestic and foreign patents or utility models granted thereafter. The rights granted hereunder shall include all rights to institute legal actions, obtain remedies and recover and retain damages in respect to said Letters Patent, Patents or Utility Model.

The Assignor(s) and Assignee hereby understand and agree that with the execution of this Assignment, to the extent necessary or appropriate, national and/or regional applications may be filed by the Assignee as the applicant and on behalf of the Assignor(s).

The Assignor(s) hereby confirm that the remuneration to be paid to the Assignor(s) in accordance with the Ericsson Inventor Awards System, in addition to the salary of the Assignor(s) as such, constitute fair and reasonable compensation as defined in the Finnish Employee Inventions Act for the assignment an employee invention to the Assignee and that the Assignor(s) shall not have any other claims towards the Assignee. In connection with this the Assignor(s) and the Assignee have particularly taken into account the following factors: degree of readiness, scope of the invention and utilization of the invention. It has been taken into account that the invention may be used in or transferred to other Ericsson's group companies and there are also licensing possibilities.

To the extent Assignee is entitled to receive the rights hereunder pursuant to this Assignment, each of the Assignor(s) hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of the Effective Date, the Assignor(s) were the sole and lawful owners of the entire right, title, and interest in and to the inventions and application(s) for Letters Patent, Patents or Utility Models above-mentioned, and that the same are unencumbered, and that the Assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, the Assignor(s) hereby covenant(s) and agree(s) to and with the Assignee, its successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said application(s) for Letters Patent, Patents or Utility Models or any proceeding in connection with Letters Patent, Patents or Utility Model for said inventions, in any country and any multilateral treaty organization, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part, conversion of any application(s) for Letters Patent, Patents or Utility Model, or any reissue or extension of any Letters Patent, Patents or Utility Model to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent, Patents or Utility Model for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns. If any of the Assignor(s) is prevented by any obstacles from signing said documents in person, this Assignment shall be valid as a Power of Attorney for the Assignee to sign these documents on behalf of any such Assignor(s) or, in the event of the death of the latter, the estate thereof.

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This Assignment shall be governed by and construed under, and any dispute, controversy or claim related hereto shall be decided in accordance with, the laws of:
Sweden

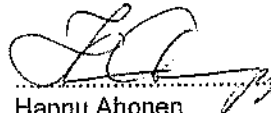
without regard to the conflicts of laws provisions thereof. Any dispute, controversy or claim arising under, out of or relating to this Assignment and any subsequent amendments of this Assignment, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. The arbitral tribunal shall consist of a sole arbitrator. The place of arbitration shall be in the country of the inventor's residence. The language to be used in the arbitral proceedings shall be English.

No modifications shall be made to this Assignment unless in writing and signed by each of the Assignor(s) and Assignee. If any of the provisions of this Assignment shall be deemed invalid or unenforceable, then the entire Assignment shall be construed as if not containing the particular invalid or unenforceable provision or provisions, and the rights and obligations of Assignee and Assignor(s) shall be construed and enforced accordingly. Assignee's failure to exercise any option made available as a result hereof, shall not be construed as a waiver of such provisions, rights, or options, or affect the validity of this Assignment. Assignor covenants and agrees that it will not take any actions in violation of this Assignment.

Subsequent assignment from any of the Assignors to the Assignee purporting to convey the subject matter specified herein for a particular country, patent office, or jurisdiction shall not invalidate any provision of this assignment and any such subsequent assignment shall act as a further confirmation of the assignment herein.

Date 28.3.2018

Signature on behalf of
Assignee


Hannu Ahonen
Senior Group Legal Counsel

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Title: Access Category mapping to establishment cause

Date.....27.3.2018..... Signature of Assignor.....[Signature].....
 Janne Peisa

Date.....27.3.2018..... Witnessed by.....[Signature].....
 Name:.....BENITA HEINONEN.....
 Address:.....LUMIKINKKUA 8.....
02400 KIRKKONUMMI.....
FINLAND.....

Date.....27.3.2018..... Witnessed by.....[Signature].....
 Name:.....MARJUT YAINULAINEN.....
 Address:.....ETUNIMMENTIE 1 C 45.....
02230 ESPOO.....
FINLAND.....