

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5922110

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	EFORE OYJ	08/31/2019
RECEIVING PARTY DATA		
Name:	EFORE TELECOM FINLAND OY	
Street Address:	LINNOITUSTIE 4B	
City:	ESPOO	
State/Country:	FINLAND	
Postal Code:	02600	
PROPERTY NUMBERS Total: 3		
Property Type	Number	
Patent Number:	8692527	
Patent Number:	9312689	
Patent Number:	9449777	
CORRESPONDENCE DATA		
Fax Number:	(703)685-0573	
<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>		
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ATTORNEY DOCKET NUMBER:	3518-10170-MISC	
NAME OF SUBMITTER:	ERIC JENSEN	
SIGNATURE:	/ERIC JENSEN/	
DATE SIGNED:	01/22/2020	
Total Attachments: 6		
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PATENT

REEL: 051659 FRAME: 0771

**Agreement on Assignment of
Intellectual Property Rights**
Confidential

1 (2)

Agreement on Assignment of Intellectual Property Rights

1 Parties

1.1 Assignor

EFORE PLC (registered number 0195681-3), a public limited liability company incorporated and existing under the laws of Finland whose registered office is at Linnoitustie 4 B, 02600 Espoo.

(hereinafter referred to as the "**Assignor**")

1.2 Assignee

EFORE TELECOM FINLAND OY (registered number 3010225-1), a limited liability company incorporated and existing under the laws of Finland whose registered office is at Linnoitustie 4 B, 02600 Espoo

(hereinafter referred to as the "**Assignee**")

The Assignor and Assignee are hereinafter jointly also referred to as the "**Parties**", and individually as the "**Party**".

2 Background and Purpose

The Assignee has purchased the design and manufacture of technologically advanced, high efficiency power supplies and power systems for telecom applications business from the Assignor pursuant to a business purchase agreement entered into on the date hereof hereinafter (the "**BPA**").

The purpose of this Agreement on Assignment of Intellectual Property Rights (hereinafter the "**Agreement**") is to set forth the terms applicable to the assignment of the Intellectual Property Rights (as defined herein) by the Assignor to the Assignee.

3 Assignment

In consideration of the payment by the Assignee in accordance with the BPA, the Assignor hereby assigns to the Assignee all intellectual property rights, including, without limitation, any copyrights, patents, utility models, design rights, trade secrets and know-how (hereinafter collectively or individually "**Intellectual Property Rights**"), associated with the registrations and other entitlements and applications for registration as specified in Appendix 1 (hereinafter the "**Registrations**" and the "**Applications**").

The assignment hereunder includes exclusively all rights to modify and further assign the Intellectual Property Rights.

At the request of the Assignee, the Assignor shall assist in all actions necessary for effective assignment of the ownership and control of the Intellectual Property Rights to the Assignee. Furthermore, the Assignor shall execute such documents and perform such measures as may be necessary or required to obtain the **PATENT** Applications and grant of Intellectual Property **REEL: 051659 FRAME: 0772**

or registration of the Assignee as the sole owner and right holder of the Registrations and the Applications.

If the Assignor, in the event of any claims relating to the validity of the Intellectual Property Rights, has or is able to obtain information or advice which may assist the Assignee in the dealing with such claims, the Assignor shall provide, or procure the provision of, such information and advice to the Assignee without undue delay.

4 Governing law and Settlement of Disputes

This Agreement shall be governed by and construed in accordance with the laws of Finland.

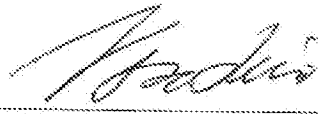
Any dispute, controversy or claim arising out of or relating to this Agreement or the breach, termination or invalidity thereof shall be finally settled by arbitration in accordance with the Arbitration Rules of the Finland Chamber of Commerce. The arbitration shall be held in Helsinki and the arbitration proceedings shall be conducted in the English language. Any award and the proceedings shall be kept confidential by the Parties.

5 Signatures

This Agreement has been executed in two counterparts, one for the Assignor and one for the Assignee.

Espoo, 31 August 2019

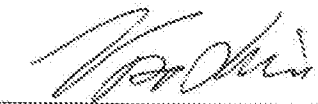
EFORE OYJ



Vesa Leino

CEO

EFORE TELECOM FINLAND OY



Vesa Leino

Member of the board of directors

Title	Country	Status	Application No. Application Date	IPR No. Grant Date	Expire Date	Applicant	Note
1 Method and arrangement for generating current	European Patent Validated in DE, SE, FR, GB, IT, NL, FI	Granted	06787765.0 2008-09-04	EP2188888 2013-03-06	4.9.2028	EFORE OYJ	PATENT FAMILY
	China	Granted	200860105540.9 2008-09-04	CN101796711 2014-12-10	4.9.2028	EFORE OYJ	
	Hong Kong	Granted	10111003.0 2010-11-26	HK1144500 2013-08-09	4.9.2028	EFORE OYJ	
	India	Abandoned 2017-09-13	2271/DELNP/2010 2010-04-01	NA	NA	EFORE OYJ	
	Japan	Granted	2010-5522411 2008-09-04	JP5555627 2014-08-08	4.9.2028	EFORE OYJ	
	South Korea	Granted	10-2010-7004396 2010-02-26	KR101560423 2015-10-07	4.9.2028	EFORE OYJ	
2 Method and arrangement for efficiently generating current with a high rate of change	USA	Granted	12676.274 2008-09-04	US8692527 2014-04-08	2029-09-21 +183 days	EFORE OYJ	PATENT FAMILY
	European Patent Validated in DE, SE, FR, GB, IT, NL, FI, BE, NO	Granted	11191873.6 2011-12-05	EP2802894 2014-04-09	5.12.2031	EFORE OYJ	
	China	Granted	201210518441.1 2012-12-05	CN103138228 2018-11-30	5.12.2032	EFORE OYJ	
	Hong Kong	Granted	13107238.1 2013-06-21	HK1180115 2014-08-01	5.12.2031	EFORE OYJ	
3 Circuit, method and system for overload protection	India	Application	3704/DEL/2012 2012-12-03	NA	NA	EFORE OYJ	PATENT FAMILY

4	Circuit breaker arrangement and power distribution unit	Japan	Granted	2012-264343 2012-12-03	JP5897453 2016-03-11	3.12.2032	EFORE OYJ	PATENT FAMILY
		South Korea	Granted (divisional patent)	10-2017-0010890 2017-01-24	KR101893675 2018-08-24	5.12.2032	EFORE OYJ	
		USA	Granted	13/691,980 2012-12-03	US9312689 2016-04-12	16.11.2034	EFORE OYJ	
		European Patent Validated in DE, SE, FR, GB, IT, NL, FI, BE, NO	Granted	13167957.3 2013-05-16	EP2835815 2015-11-18	16.5.2033	EFORE OYJ	
		China	Granted	2014102090888 2014-05-16	CN104167399 2017-05-03	16.5.2034	EFORE OYJ	
		Hong Kong	Granted	15105886.9 2015-06-19	HK1205351 2016-06-10	16.5.2033	EFORE OYJ	
		India	Application	1302/DEL/2014 2014-05-15	NA	NA	EFORE OYJ	
		Japan	Granted	2014-102164 2014-05-16	JP6430145 2018-11-09	16.5.2034	EFORE OYJ	
		South Korea	Granted	10-2014-0059235 2014-05-16	KR101777902 2017-09-06	16.5.2034	EFORE OYJ	
		USA	Granted	14/279,599 2014-05-16	US9449777 2016-09-20	2.10.2034	EFORE OYJ	
5	A synchronous rectifier and a method for	European patent	Abandoned 2017-08-28	13196734.9 2013-12-20	NA	NA	EFORE OYJ	PATENT FAMILY
		China	Application	201410787936.3 2014-12-17	NA	NA	EFORE OYJ	
		India	Application	4085/MUM/2014 2014-12-18	NA	NA	EFORE OYJ	

controlling it	Japan	Application	2014-248900 2014-12-09	NA	NA	EFORE OYJ
	South Korea	Application	10-2014-0174753 2014-12-08	NA	NA	EFORE OYJ
	USA	Granted	14/565768 2014-12-10	US9766701 2017-09-19	17.2.2035	EFORE OYJ
	Finland	Granted	20145590 2014-06-19	FI125524 2015-11-13	19.6.2034	EFORE OYJ
	European patent Validated in DE, GB, FR, NL, FI, SE, IT, BE, NO	Granted	15171379.9 2015-06-10	EP2958117 2017-03-29	10.6.2035	EFORE OYJ
A transformer	China	Granted	201510429659.9 2015-06-19	CN105321877 2017-06-29	19.6.2035	EFORE OYJ
	Hong Kong	NA	NA	NA	NA	EFORE OYJ
	India	Application	2308/MMJ/2015 2015-06-17	NA	NA	EFORE OYJ
	Japan	Granted	2015-122603 2015-06-18	JP6352658 2018-06-15	18.6.2035	EFORE OYJ
	South Korea	Granted	10-2015-0086479 2015-06-18	KR101797540 2017-11-08	18.6.2035	EFORE OYJ
A switched mode converter and a method for controlling it	USA	Granted	14/742846 2015-06-18	US9472334 2016-10-18	18.6.2035	EFORE OYJ
	Finland	Granted	20155961 2015-12-17	FI126682 2017-03-31	17.12.2035	EFORE OYJ
PATENT FAMILY						
PATENT FAMILY						

8	Power Converter (Registered Design for MHE Rectifier)					EU	Registered Community Design	002867541 2015-04-23	002867541-0001 2015-05-04	2020-04-23 (can be renewed 4 times; max duration 25 years from filing date)	EFORE OYJ	DESIGN REGISTRATION FAMILY
						USA	Design Patent	29543291 2015-10-22	US D780992 S 2017-03-07	7.3.2032	EFORE OYJ	
						China	Patent for Design	201530412773.6 2015-10-23	ZL201530412773.6 2016-03-30	23.10.2025	EFORE OYJ	
						India	Registration of Design	276496 2015-10-08	50120 2016-11-5	2025-10-08 (can be renewed for one 5 year period)	EFORE OYJ	

IPRs valid provided that maintenance fees are paid

European Patent

DE Germany
SE Sweden
FR France
GB Great Britain
IT Italy
NL Netherlands
FI Finland
BE Belgium
NO Norway