

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6403688

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ASEA BROWN BOVERI, S.A.	09/25/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ABB SCHWEIZ AG
<b>Street Address:</b>	BRUGGERSTRASSE 66
<b>City:</b>	BADEN
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	5400
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7692523
<b>Patent Number:</b>	8276266
<b>Patent Number:</b>	8334617
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)816-4100
<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>Phone:</b>	703-816-4000
<b>Email:</b>	bnapear@nixonvan.com, PTOmail@nixonvan.com
<b>Correspondent Name:</b>	NIXON & VANDERHYE P.C.
<b>Address Line 1:</b>	901 NORTH GLEBE ROAD
<b>Address Line 2:</b>	11TH FLOOR
<b>Address Line 4:</b>	ARLINGTON, VIRGINIA 22203
<b>ATTORNEY DOCKET NUMBER:</b>	GPK-227-391
<b>NAME OF SUBMITTER:</b>	GORDON P. KLANCNIK
<b>SIGNATURE:</b>	/Gordon P. Klancnik/
<b>DATE SIGNED:</b>	11/16/2020
<b>Total Attachments: 9</b>	
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## ASSIGNMENT OF PATENTS

WHEREAS, **Asea Brown Boveri, S.A.**, a corporation organized and existing under laws of Spain, having its principal place of business at Calle San Romualdo 13, 28037 Madrid, Spain (hereinafter called the ASSIGNOR), is the proprietor of Patent(s) and Patent Application(s) identified and listed on Annex A hereto; and

WHEREAS, **ABB Schweiz AG**, a corporation organized and existing under the laws of Switzerland, having its principal place of business at Bruggerstrasse 66, 5400 Baden, Switzerland (hereinafter called the ASSIGNEE), is desirous of acquiring the entire right, title and interest of the ASSIGNOR in and to the aforesaid Patent(s) and Patent Application(s),

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt of which is hereby acknowledged, the ASSIGNOR hereby conveys, sells, assigns and transfers to the ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the aforesaid Patent(s) and Patent Application(s) and any divisions, continuations, continuations-in-part, requests for continuing examinations, renewals, reissues, reexaminations, patent cooperation treaty equivalents and foreign counterparts and extensions thereof, including all emoluments, advantages, profits and benefits accruing or belonging thereto, and all patents or patent applications to which any of the aforesaid Patent(s) and Patent Application(s) directly or indirectly claims priority or for which any of the aforesaid Patent(s) and Patent Application(s) directly or indirectly forms a basis for priority.

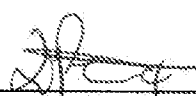
The ASSIGNOR hereby further covenants and agrees that it will communicate to the ASSIGNEE any and all facts known to it respecting the aforesaid Patent(s) and Patent Application(s), and testify in any legal proceeding, sign all lawful papers, execute and deliver all papers and take any actions that may be necessary or desirable to perfect the title to any of the aforesaid Patent(s) and Patent Application(s), execute all divisions, continuations, reexaminations, reissues, substitutes and other required applications, and make all rightful oaths and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said Patent(s) and Patent Application(s) in all countries.

The ASSIGNOR consents to the ASSIGNEE'S proceeding with the aforesaid Patent Application(s), if any, in its own name in substitution of the ASSIGNOR and the said ASSIGNOR agrees to do all that may be required to put the foregoing into effect.

IN WITNESS WHEREOF, the said ASSIGNOR has executed this document on this 25<sup>th</sup> day of September, 2020.

Asea Brown Boveri S.A.

By:

  
Luis Peregrina  
CFO

  
Marc Gomez  
Country Managing Director

Attest: \_\_\_\_\_

IN WITNESS WHEREOF, the said ASSIGNEE has executed this document on  
this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

ABB Schweiz AG

By: \_\_\_\_\_

Attest: \_\_\_\_\_



Assignment from Asea Brown Boveri S.A. to ABB Schweiz AG

ANNEX A

Patent Ref	Country	Filed Date	Application No.	Grant Date	Patent No.
IT-10504-CN-PCT	China	2009-04-08	200980143277.7	2014-02-19	ZL200980143277.7
IT-10501-ES-NP	Spain	2004-07-22	200401849	2007-06-15	2257161
IT-10503-ES-NP	Spain	2004-10-08	200402464	2007-01-03	2251323
IT-10504-ES-NP	Spain	2008-10-30	200803165	2011-01-26	2338088
IT-10501-US-NP	USA	2005-07-22	11/187,316	2010-04-06	7,692,523
IT-10503-US-PCT	USA	2005-09-26	10/599,716	2012-10-02	8,276,266
IT-10504-US-NP	USA	2009-07-01	12/495,908	2012-12-18	8,334,617

**TESTIMONIO DE LEGITIMACIÓN DE FIRMA.**

(Asiento nº 178 del Libro Indicador del año dos mil veinte).

Yo, **SALVADOR BARÓN RIVERO**, Notario del Ilustre Colegio de Madrid, con residencia en ésta Capital, **DOY FE**: Que considero legítimas las firmas que anteceden de **DON MARC GÓMEZ FERRET**, con D.N.I. Y N.I.F. número 46564862-M y de **DON LUIS PEREGRINA AYÚ**, con D.N.I./N.I.F. número 664814-E, por haber sido puestas a mi presencia, tras manifestar que conocen y aceptan el contenido del documento.

Actúan en su condición de consejeros delegados mancomunados de la sociedad, para cuyos cargos han sido designados, en virtud de los siguientes acuerdos:

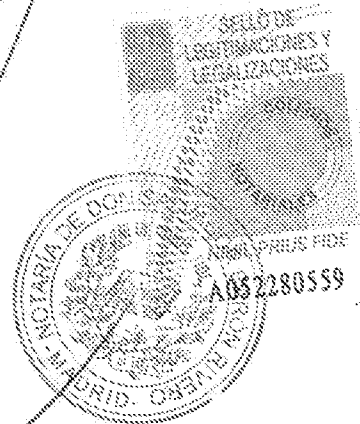
Don Marc Gómez Ferret, ha sido nombrado Consejero de la sociedad, por plazo de cinco años, por acuerdo de la Junta General Extraordinaria y Universal de accionistas de la sociedad celebrada el día 18 de diciembre de 2017, y designado Consejero Delegado mancomunado de la sociedad, por acuerdo del Consejo de Administración de la sociedad celebrado el día 18 de diciembre de 2017, cuyos acuerdos han sido elevados a público en escritura por mi autorizada el día 20 de febrero de 2018, número 394 de orden de protocolo, cuya copia autorizada, debidamente inscrita en el Registro Mercantil de Madrid, bajo la inscripción 321 de la hoja social, he tenido a la vista.

Don Luis Peregrina Ayu, ha sido reelegido como Consejero de la sociedad, por plazo de cinco años, por acuerdo de la Junta General Extraordinaria y Universal de accionistas de la sociedad celebrada el día 10 de mayo de 2018, y reelegido como Consejero Delegado mancomunado, por acuerdo del Consejo de Administración de la sociedad celebrado el día 20 de junio de 2018, cuyos acuerdos han sido elevados a público en escritura por mí autorizada el día 13 de julio de 2018, número 1.709 de orden de protocolo, cuya copia autorizada, debidamente inscrita en el Registro Mercantil de Madrid, bajo la inscripción 339 de la hoja social, he tenido a la vista.

Dichas firmas están estampadas en el reverso, de un documento no notarial escrito en lengua inglesa denominado "ASSIGNMENT OF PATENTS", extendido en dos folios, escrito el primero de ellos por las dos caras, y en anverso del documento denominado "ANEXO A" y en los que consigno referencia a la legitimación de firmas mediante la indicación del asiento correspondiente del Libro Indicador.

Todo ello según resulta del acta autorizada por mí en el día de hoy, número 1.902 de protocolo.

En Madrid a veinticinco de septiembre de dos mil veinte.



Ley 8/1989 Disp. Adic. 3.ª  
DOCUMENTO SIN CUANTIA

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The ASSIGNOR hereby further covenants and agrees that it will communicate to the ASSIGNEE any and all facts known to it respecting the aforesaid Patent(s) and Patent Application(s), and testify in any legal proceeding, sign all lawful papers, execute and deliver all papers and take any actions that may be necessary or desirable to perfect the title to any of the aforesaid Patent(s) and Patent Application(s), execute all divisions, continuations, reexaminations, reissues, substitutes and other required applications, and make all rightful oaths and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said Patent(s) and Patent Application(s) in all countries.

The ASSIGNOR consents to the ASSIGNEE'S proceeding with the aforesaid Patent Application(s), if any, in its own name in substitution of the ASSIGNOR and the said ASSIGNOR agrees to do all that may be required to put the foregoing into effect.

IN WITNESS WHEREOF, the said ASSIGNOR has executed this document on this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

Asea Brown Boveri S.A.

By: \_\_\_\_\_  
Luis Peregrina    Marc Gomez  
CFO    Country Managing Director

Attest: \_\_\_\_\_

IN WITNESS WHEREOF, the said ASSIGNEE has executed this document on  
this 29 day of September, 2020.

ABB Schweiz AG

By: \_\_\_\_\_

Bernhard Eschermann  
(CHTET Managing Director)

Nadja Bornkessel  
(CHTET Operations Controller)

Attest: \_\_\_\_\_

Assignment from Asea Brown Boveri S.A. to ABB Schweiz AG


**PATENT**  
**REEL: 054380 FRAME: 0594**




IN WITNESS WHEREOF, the said ASSIGNEE has executed this document on  
this 29 day of September, 2020.

ABB Schweiz AG

By:

  
Bernhard Eschermann  
(CHTET Managing Director)

  
Nadja Bornkessel  
(CHTET Operations Controller)

Attest: \_\_\_\_\_

Assignment from Asea Brown Boveri S.A. to ABB Schweiz AG

**PATENT**  
**REEL: 054380 FRAME: 0595**

Legalization

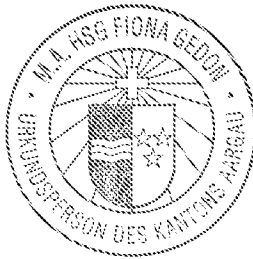
I, the undersigned notary public, M.A. HSG Fiona Gedon, residing and practising in Baden (Switzerland) hereby certify that the foregoing signatures are the proper handwritings of

- Mrs. Nadja Bornkessel, born 1<sup>st</sup> of September 1975, German citizen, living in Baden, who has identified herself with the German passport Nr. C4YLKP590,
- Mr. Bernhard Eschermann, born 1<sup>st</sup> of January 1963, citizen of Untersiggenthal AG, living in Untersiggenthal, who has identified himself with the Swiss passport Nr. X6901764.

Both persons authorized to sign jointly for and on behalf of ABB Schweiz AG in Zurich.

Baden, 9<sup>th</sup> of October 2020

The notary public:



**APOSTILLE**  
(Convention de La Haye du 5 octobre 1961)

1. País Land	<b>Confederación Suiza, Cantón Argovia Schweizerische Eidgenossenschaft, Kanton Aargau</b>
El presente documento público Diese öffentliche Urkunde	
2. ha sido firmado por ist unterschrieben von	<b>Fiona Gedon</b>
3. quien actúa en calidad de in seiner Eigenschaft als	<b>Urkundsperson des Kantons Aargau</b>
4. y está revestido del sello/timbro de Sie ist versehen mit dem Stempel/Siegel des/der	<b>M.A. HSG Fiona Gedon Urkundsperson des Kantons Aargau</b>
<b>Certificado / Bestätigt</b>	
5. en / in <b>Aarau</b>	6. el día / am <b>15.10.2020</b>
7. por la durch	<b>Oficina de Pasaportes e Patentes del Cantón Argovia Pass- und Patentamt des Kantons Aargau</b>
8. número Nr. <b>49892</b>	
9. por / sellado mit dem / Siegel	
10. Firma Unterschrift	<b>Tabatha Hüsey</b>

Assignment from Asea Brown Boveri S.A. to ABB Schweiz AG

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