PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8045778

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABB SCHWEIZ AG	12/03/2020

RECEIVING PARTY DATA

Name:	ABB POWER GRIDS SWITZERLAND AG
Street Address:	BRUGGERSTRASSE 72
City:	BADEN
State/Country:	SWITZERLAND
Postal Code:	5400

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17912107

CORRESPONDENCE DATA

Fax Number:

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.

Email: hbrown@sagepat.com
Correspondent Name: SAGE PATENT GROUP

Address Line 1: P.O. BOX 30789

Address Line 4: RALEIGH, NORTH CAROLINA 27622

ATTORNEY DOCKET NUMBER:	8700-190661US01
NAME OF SUBMITTER:	HILLARY L. BROWN
SIGNATURE:	/Hillary L. Brown/
DATE SIGNED:	07/07/2023

Total Attachments: 5

source=Assignment ABB Schweiz AG to ABB-PG#page1.tif source=Assignment ABB Schweiz AG to ABB-PG#page2.tif source=Assignment ABB Schweiz AG to ABB-PG#page3.tif source=Assignment ABB Schweiz AG to ABB-PG#page4.tif source=Assignment ABB Schweiz AG to ABB-PG#page5.tif

PATENT 507998638 REEL: 064187 FRAME: 0297

IP Assignment Agreement

Effective Date of Agreement:

2. December 2020

Assignor:

ABB Schweiz AG, a company incorporated under the laws of Switzerland, having its business address at Bruggerstrasse 66. 5400 Baden, Aargau, Switzerland and registered with the Commercial Registry of Canton Aargau under number CHE-

101.538.426, ("ABB")

Assignee:

ABB Power Grids Switzerland AG, a company incorporated under

the laws of Switzerland, having its business address at Bruggerstrasse 72, 5400 Baden, Aargau, Switzerland and registered with the Commercial Registry of Canton Aargau

under number CHE-424.543.670, ("PG")

- A. WHEREAS, ABB and PG entered into an agreement dated October 25, 2019 regarding the bulk transfer of ABB's Power Grids Business (as defined therein) to PG (the "BTA").
- WHEREAS, the BTA provides that the Power Grids Business is transferred from ABB B. to PG by operation of law pursuant to art. 69 et segg. of the Swiss Merger Act and that such transfer becomes effective upon registration of the BTA in the commercial register. The registration in the commercial register was made on November 1, 2019.
- C. WHEREAS, section 3.1(b)(vi) of the BTA provides that the Power Grid Business comprises, inter alia, all registered, unregistered, and unregisterable intangible assets which are exclusively or predominantly used by the Power Grids Business, certain of which were further specified in Annex 3.7 to the BTA, and section 2(c) of the BTA provides that all parts of ABB's business other than the Power Grids Business, including, inter alia, all relating assets, remain with ABB.
- D. WHEREAS, section 3.8(a) of the BTA provides that ABB undertakes subsequently to transfer to PG, without charge and by way of individual transfers, any assets related to the Power Grids Business which are not or not sufficiently specified in the Inventory (as defined in the BTA).
- WHEREAS, in accordance with OECD commentary 2017, Model Tax Convention Article 12 paragraph 4.3, and based on section 6 of the BTA, PG is the beneficial owner of all registered, unregistered, and unregisterable intangible assets which are exclusively or predominantly used by the Power Grids Business, from the

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- effective date of the BTA, and since the effective date of the BTA, PG does have the right to use and enjoy the related royalty income unconstrained by contractual or legal obligation to pass on the payment received to another person.
- WHEREAS, in line with the overarching concept governing the transfer of assets F. pertaining to the Power Grids Business and section 35.1 of the sale and purchase agreement dated December 17, 2018 between ABB Ltd and Hitachi, Ltd. ("the SPA"), the parties want to further clarify and give full effect to the transfer of intangible assets contemplated by the BTA with respect to the intangible assets set forth in the Schedule (the "Assigned Intangible Assets") by way of this IP Assignment Agreement (the "Agreement").

The parties agree as follows:

- Assignor agrees to assign and transfer, and hereby assigns and transfers, its 1. rights, title, and interests in and to the Assigned Intangible Assets to Assignee, and Assignee hereby accepts such assignment and transfer.
- 2. In case in any jurisdiction any Assigned Intangible Asset may not be validly assigned or transferred to Assignee, Assignor hereby grants Assignee the worldwide, exclusive, perpetual, irrevocable, transferable, royalty-free and sublicensable right to use and exploit such Assigned Intangible Asset for any purpose whatsoever with respect to such jurisdictions.
- The assignment and transfer pursuant to section 1, and any license grant pursuant 3. to section 2, are fully reflected, in terms of value, in the net book value stated in section 4 of the BTA and are made without additional charge, in line with section 3.8(a) of the BTA.
- Assignor shall perform all such further acts, execute and deliver all such further documents, and make all such further declarations as Assignee may reasonably request in order to (i) perfect the assignment and transfer of the Assigned Intangible Assets, (ii) document the assignment and transfer and record it in any relevant register, (iii) update any relevant register to reflect Assignee as the new owner of the Assigned Intangible Assets, or (iv) otherwise give full effect to the assignment and transfer.
- 5. All costs and fees in connection with this Agreement, in particular the fees of any filing, recordal, and update of any registration, shall be subject to the terms and conditions of the SPA and BTA, as if this Agreement would have taken place prior to July 1, 2020.
- This Agreement shall be exclusively governed by and construed in accordance with 6. the substantive laws of Switzerland, excluding its conflict of laws principles. The exclusive place of jurisdiction for any dispute, claim, or controversy arising under, out of, in connection with, or related to this Agreement (or subsequent amendments thereof), including, without limitation, disputes, claims, or controversies regarding its existence, validity, interpretation, performance, breach or termination, shall be the city of Baden, Switzerland.

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Assignor: ABB Schweiz AG

Signature:

Name:

Title:

Date:

Signature:

Name:

Date:

Title:

OPERAT. CONTROLLER

Assignee:

ABB Power Grids

Switzerland AG

Signature:

Name:

Title: Date: Signature:

Name:

Title:

Date:

Dec. 16, 2020

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Schedule - Assigned Intangible Assets

Schedule 1: Patents

the Listed Patent Rights in any jurisdiction worldwide, together with the right to sue for and be entitled to any damages, injunctive continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, Rights directly claims priority, including but not limited to provisional applications thereof, or for which any of the Listed Patent Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Listed Patent be granted anywhere in the world: for the use and enjoyment of Assignee's successors and assigns to the full end of the term for which the aforementioned rights may registrations, and foreign counterparts of any item in any of the foregoing, together with the right to claim priority to and/or from Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, The inventions for which the patents, patent applications, and invention disclosures are made, listed here in Schedule 1 ("Listed Listed Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the

83511882	85265325	84850373	83538674	83540560	83540546	83541076	83505723	83527900	83526699	83520530	ID	Patent
83328241	84442913	83320011	83320555	83324807	83324806	83325397	83326705	83327304	83323868	83325252	5	Invention
10811-AU-PCT	P180087AU01	CH-17016AU01	US-10006-PRK-AU- PCT	CH-13144-AU-PCT	CH-13143-AU-PCT	CH-13141-AU-PCT	10440-AR-NP	SE-11140-AR-NP	IT-10503-AR-NP	IT-10501-AR-NP		Patent Reference
10811	P180087	CH-17016	US-10006- PRK	CH-13144	CH-13143	CH-13141	10440	SE-11140	IT-10503	IT-10501	Reference	Invention
Australia	Australia	Australia	Australia	Australia	Australia	Australia	Argentina	Argentina	Argentina	Argentina		Country
2010-02-03	2019-01-22	2018-02-19	2011-01-21	2014-09-01	2014-10-06	2014-10-06	2009-06-10	2012-06-14	2005-09-27	2005-05-20		Filing Date
2010344989	2019212433	2018222793	2011207343	2014314061	2014331067	2014331066	090102080	2012 01 02108	P050104066	P050102097		Application Number
2014-05-24							2014-07-23		2009-05-14	2010-01-29	Grant	Date of
2010344989							AR072025B1		51929	AR049183		Patent Number

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Patent	Invention	Patent Reference	Invention	Country	Filing Date	Application Number	Date of	Patent Number
ō	8		Reference				Grant	
84904103	84843764	P190661EP01	P190661	European Patent	2020-03-17	20163744.4		
84911918	84852568	P190684EP01	P190684	European Patent	2020-05-13	20174319.2		
84875336	84854960	P190696EP01	P190696	European Patent	2020-08-19	20191649.1		
84871038	84847861	P190704EP01	P190704	European Patent	2020-08-12	20190736.7		
84886793	84855820	P190705EP01	P190705	European Patent	2020-01-31	20154825.2		
84896636	84858473	P190738EP01	P190738	European Patent	2019-11-15	19209514.9		
85208807	84861838	P190777EP01	P190777	European Patent	2020-06-08	20178839.5		
84891714	84861568	P190786EP01	P190786	European Patent	2019-12-17	19217261.7		
84873724	84846674	P190833EP01	P190833	European Patent	2019-11-20	19210357.0		
84896584	84868474	P190839EP01	P190839	European Patent	2020-01-07	20150551.8		
84891734	84861597	P190856EP01	P190856	European Patent	2019-12-20	19218976.9		
84891754	84861452	P190857EP01	P190857	European Patent	2019-12-20	19218965.2		
84896660	84874547	P190887EP01	P190887	European Patent	2019-12-20	19218993.4		
84899144	84873386	P190891EP01	P190891	European Patent	2019-12-12	19215570.3		
85265445	84845001	P190900EP01	P190900	European Patent	2020-09-17	20196695.9		
85101973	84879509	P190948EP01	P190948	European Patent	2020-03-17	20163757.6		
85309517	84859947	P190957EP01	P190957	European Patent	2020-10-06	20200288.7		
84886846	84886827	P190995EP01	P190995	European Patent	2020-01-31	20154811.2		
85176748	84888145	P191010EP01	P191010	European Patent	2020-08-19	20191650.9		

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