505991348 03/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6038057

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABB LIMITED	10/31/2019

RECEIVING PARTY DATA

Name:	ABB SCHWEIZ AG	
Street Address:	BROWN BOVERI STRASSE 6	
City:	BADEN	
State/Country:	SWITZERLAND	
Postal Code:	5400	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Patent Number:	8143747	

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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.

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Email: bnapear@nixonvan.com, PTOmail@nixonvan.com

Correspondent Name: NIXON & VANDERHYE P.C. Address Line 1: 901 NORTH GLEBE ROAD

Address Line 2: 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	GPK-227-352	
NAME OF SUBMITTER:	GORDON P. KLANCNIK	
SIGNATURE:	/Gordon P. Klancnik/	
DATE SIGNED:	03/30/2020	

Total Attachments: 6

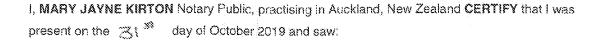
source=227-352 Assignment - ABB Ltd to ABB Schweiz AG#page1.tif source=227-352 Assignment - ABB Ltd to ABB Schweiz AG#page2.tif source=227-352 Assignment - ABB Ltd to ABB Schweiz AG#page3.tif source=227-352 Assignment - ABB Ltd to ABB Schweiz AG#page4.tif source=227-352 Assignment - ABB Ltd to ABB Schweiz AG#page5.tif

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- 1. **Kenneth Harold Mulcock** who previously identified himself to me by the production of his passport number ↓ ↓ ₹52 ¥6 €
- 2. **Ewan Leigh Morris** who previously identified himself to me by the production of his passport number LT 672264

execute the attached Assignment Deed comprising 3 pages (which bear my initials and an imprint of my seal for identification purposes).

IN WITNESS of which I have subscribed my name and affixed my seal of office this 31 day of October Two Thousand and Nineteen (2019).

Notar∳ Public

Auckland, New Zealand

My appointment is not limited by time

25104478

ASSIGNMENT DEED

WHEREAS, ABB Limited, a corporation organized and existing under the laws of New Zealand, having its principal place of business at 83 Grafton Road, Grafton, Auckland 1010, New Zealand (hereinafter called the ASSIGNOR), is the proprietor of Patent(s) and Patent Application(s), Design(s) and Design 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 Brown Boveri Strasse 6, 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), Design(s) and Design 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), Design(s) and Design 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, designs or design applications to which any of the aforesaid Patent(s) and Patent Application(s), Design(s) and Design 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), Design(s) and Design 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), Design(s) and Design 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), Design(s) and Design Application(s) in all countries.

The ASSIGNOR consents to the ASSIGNEE'S proceeding with the aforesaid Patent Application(s) and Design 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.

Assignment from ABB Limited to ABB Schweiz AG

PATENT

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		ABB Limite	4
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	MARY JAYNE KIRR NOTARY PUBLIC NOTARY PUBLIC AUCKLANDONIEW APPOINTMENT ONLY IN WITNESS WHEREOF, I	FERAND O I MMS de prime e the said ASSIGNEE has execu	
this	day of	ABB Schweiz AC	
	В	y: <u>P. A.</u> Cendette Birnin	TENZONIAN NA TROBELINE AW ROWANSE CENSOA CONSEC
Attest:	D. L. J.	Serior Legal Coursel	CONTRADS CONTRADS
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ANNEX A

Case Ref.	Country	Filed Date	Application Number	Grant Date	Patent No.
07/200-CN-PCT	China	2008-02-14	200880005599.0	2012-11-28	ZL200880005599.0
07/200-FR-EPT	France	2008-02-14	08724017.2	2013-07-17	2113140
07/200-DE-EPT	Germany	2008-02-14	08724017.2	2013-07-17	60 2008 026 060.7
07/200-IN-PCT	India	2008-02-14	4849/CHENP/2009	2017-07-24	285532
07/200-IT-EPT	Italy	2008-02-14	08724017.2	2013-07-17	2113140
07/200-JP-PCT	Japan	2008-02-14	2009-550823	2012-10-12	5108031
07/200-KR-PCT	Korea	2008-02-14	20097017417	2014-11-13	1463636
07/200-CH-EPT	Switzerland	2008-02-14	08724017.2	2013-07-17	2113140
07/200-GB-EPT	United Kingdom	2008-02-14	08724017.2	2013-07-17	2113140
07/200-US-CNT	USA	2008-02-14	12/544,485	2012-03-27	8,143,747

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Assignment from ABB Limited to ABB Schweiz AG

Legalization

I hereby certify that the foregoing signatures are the proper handwriting of

- Bernadette Stirnimann, born 12.06.1969, citizen of Switzerland, in Zürich (Switzerland), identified with Passport no. X4008012,
- Jacqueline Ann Rowlands, born 16.11.1967, British citizen of United Kingdom of Great Britain and Northern Ireland, in Untersiggenthal (Switzerland), identified with Passport no. 521559177,

who are authorized to sign for and on behalf of ABB Switzerland Ltd (ABB Schweiz AG) (ABB Suisse SA), in Baden (Switzerland).

Baden (Switzerland), November 27, 2019

The Notary Public:

APOSTILLE

(Convention de La Haye du 5 octobre 1981)

Country Land

Swiss Confederation, Canton of Argovia Schweizerische Eidgenossenschaft, Kanton Aargau

This public document Diese öffentliche Urkunde

has been signed by ist unterschrieben von Dr. Markus Binder

acting in the capacity of in seiner Eigenschaft als Aargauische Urkundsperson

bears the stamp/seal of Sie ist versehen mit dem Stempel/Siegel des/der

Aarau

Dr. Markus Binder Aargauischer Notar

Certified / Bestätigt

5. at / in

6. the / am

06,12,2019

7. by the

Passport- and Patent Office of the Canton of Argovia

durch das

Pass- und Patentamt des Kantons Aargau

8. No. / Nr.

44398

stamp/seal Stempel/Siegel 10. Signature Unterschrift Claudia Lehner

RECORDED: 03/30/2020