

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5232492

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ABB TECHNOLOGY AG	05/09/2016
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
	Application Number:	29634676
CORRESPONDENCE DATA		
Fax Number:	(615)242-2221	
<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:	615-242-2400	
Email:	pam@iplawgroup.com	
Correspondent Name:	GARY L. MONTLE	
Address Line 1:	PATTERSON INTELLECTUAL PROPERTY LAW, P.C.	
Address Line 2:	1600 DIVISION STREET, SUITE 500	
Address Line 4:	NASHVILLE, TENNESSEE 37203	
ATTORNEY DOCKET NUMBER:	19836Z-012821DIV2	
NAME OF SUBMITTER:	GARY L. MONTLE	
SIGNATURE:	/Gary L. Montle/	
DATE SIGNED:	11/12/2018	
Total Attachments: 5		
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Commercial Register of Canton Argovia – Main Register

Company Number CHE-101.538.426	Legal Status Joint Stock Company	Registration Date 17.01.1990	Cancellation	Carried over from: CH 400.3.008.861-1/b to:	1
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All Entries

Entry	Can	Company Name	Ref.	Registered Place of Business
0		ABB Schweiz AG	0	Baden
0		(ABB Suisse SA) (ABB Switzerland Ltd)		

Entry	Can	Common Stock (CHF)	Shares Issued (CHF)	Denomination	Entry	Can	Company Address
0		55'000'000.00	55'000'000.00	550,000 registered shares at CHF 100.00 ea.	0		Brown Boveri Strasse 6 5400 Baden

Entry	Can	Purpose, Description	Entry	Can	Other premises
12		The purpose of the company is to develop, plan, manufacture, install, distribute and trade equipment, systems, machines, devices and technical products of any kind in the area, in particular, of energy and automation technology, as well as to provide services, in particular in the areas of research, development, information technology, communication as well as management and business support, and to attend to the interest of ABB Ltd, Zürich, in Switzerland; the company may acquire real estate, form subsidiaries and participate in other companies; the company may engage in financing business and may also provide securities for the obligations of its shareholders and its associated businesses, in particular in the form of guarantees, pledges, blanket assignments, chattel mortgages, assignments for securities and indemnities.	0		Fabrikstrasse 3 and 9 5600 Lenzburg
			0		Austrasse 5300 Turgi
			0		Zentralstrasse 5242 Birr
			0		Toro 2 Eduard-imhofstrasse 4 8050 Zurich
			0		Bahnhof TH 10 Jurastrasse 45 5430 Wettingen
			0		Fullachstrasse 150 8201 Schaffhausen
			0		Segelhof 5405 Dättwil AG
			0		Badenerstrasse 780 8048 Zurich
			0		Brown Boveri-Strasse 5 8050 Zurich
			0		Badenerstrasse 790 8048 Zurich
			0		Via Boschina 5 6963 Pregassona
			0		Herbergstrasse 21 9524 Zuzwil SG
			22		Brown Boveri Platz 3 5400 Baden
			22		Bruggerstrasse 72 5400 Baden
			22		Waldeggstrasse 76 3097 Liebfeld
			26		Brühlstrasse 50 5313 Klingnau
			26		Kanalstrasse 12 5313 Klingnau
			42		Kreuzweg 11 5400 Baden
			42		Industriestrasse 44a 5314 Kleindöttingen
			53		Industriestrasse 34 5314 Kleindöttingen
			71		Rue du Grand-Pré 2a 1007 Lausanne
			72		Aathalstrasse 90 8610 Uster

Entry	Can	Remarks	Ref.	Date of Articles
0		The excerpt transferred from a previous register card contains no data deleted prior to the transfer date and no previous data from the articles of association or quotations from the journal or the Swiss Official Gazette of Commerce (SOGC). These data and quotations can be found on the commercial register card referred to in the "Carried over" field.	0	10.01.1990
			0	14.12.1992
			0	22.12.1993
			0	28.02.1994
			0	15.05.1998
			0	11.12.2001
0		The transferability of the registered shares shall be restricted according to the articles of association.	0	12.09.2003
			12	04.06.2007
69		The communications to the shareholders shall be effected by letter or email.	69	20.10.2015

Entry	Can	Specific Facts	Ref.	Publication
0		Merger: On the occasion of the capital increase of February 28, 1994, the company -- by way of merger in accordance with Art. 748 SCO - acquired "ABB Process Automation AG", in Baden. According to the merger balance sheet as of January 1, 1994, assets in the amount of CHF 158,082,273.92 and liabilities in the amount of CHF 134,994,131.75 passed to the company by way of general succession; the amount of the increase was fully paid up in accordance with the merger agreement. The shareholders of the acquired company receive therefore 100,000 fully paid-up registered shares of the acquiring company at a par value of CHF 100.-- each.	0	SHAB
0		Mergers: The company acquires by way of merger in accordance with Art. 748 Swiss Code of Obligations (SCO) and based on the merger agreements of December 11, 2001, and merger balance sheets as of October 31, 2001, through general succession, assets in the amount of CHF 41,860,902.72 and liabilities in the amount of CHF 36,538,013.29 of "ABB Business Services Ltd," in Baden, assets in the amount of CHF 14,918,138.43 and liabilities in the amount of CHF 12,065,799.83 of "ABB Corporate Research AG" in Baden, assets in the amount of CHF 25,307,953.23 and liabilities in the amount of CHF 16,324,675.65 of "ABB Low Voltage Power AG" in Lenzburg, assets in the amount of CHF 252,443,846.19 and liabilities in the amount of CHF 200,596,350.27 of "ABB Power Automation AG" in Baden, assets in the amount of CHF 190,666,997.85 and liabilities in the amount of CHF 215,265,526.36 of "ABB Semiconductors AG" in Baden, assets in the amount of CHF 31,431,583.12 and liabilities in the amount of CHF 24,069,918.71 of "ABB Unifer AG" in Birr, assets in the amount of CHF 20,347,497.75 and liabilities in the amount of CHF 10,996,072.27 of "ABB CMC Carl Maier AG" in Schaffhausen, assets in the amount of CHF 11,550,026.73 and liabilities in the amount of CHF 8,950,260.28 of "ABB Flexible Automation AG" in Zurich, assets in the amount of CHF 505,636,663.03 and liabilities in the amount of CHF 386,636,324.92 of "ABB Hochspannungstechnik AG" in Zurich, as well as assets in the amount of CHF 31,602,755.33 and liabilities in the amount of CHF 21,765,294.26 of "ABB Normelec AG" in Zurich. Since the shareholders of the acquiring company and the shareholders of the acquired companies are identical, the shares of the acquired companies expire and the share capital of the acquiring company remains unchanged.		
0		Merger: The company acquires by way of merger and based on the merger agreements of August 20, 2002, and merger balance sheets as of April 1, 2002, through general succession, assets in the amount of CHF 1,090,521.-- and liabilities in the amount of CHF 662,295.-- of "ENTRELEC SWISS SA" in Belfaux. Since the shareholders of both companies are identical, the shares of the acquired company expire and the capital stock of the acquiring company remains unchanged.		
0		Merger: The company acquires by way of merger in accordance with Art. 748 Swiss Code of Obligations (SCO) and based on the merger agreements of May 28, 2003 and merger balance sheets as of January 01, 2003, through general succession, assets in the amount of CHF 11,301,617.-- and liabilities in the amount of CHF 10,858,617.-- of "SKYVA Schweiz AG" in Högendorf. Since the shareholders of both companies are identical, the shares of the acquired company expire and the capital stock of the acquiring company remains unchanged.		

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0	Merger: The company acquires by way of merger and based on the merger agreements of June 20, 2003, and merger balance sheets as of January 1, 2003, through general succession, assets in the amount of CHF 6,309,938.93 and liabilities (loan capital) in the amount of CHF 6,210,200.49 of ABB New Ventures AG in Zürich. Since the shareholders of both companies are identical, the shares of the acquired company expire and the capital stock of the acquiring company remains unchanged.		
0	Merger: The company acquires based on the merger agreements of June 14, 2004, and merger balance sheets as of January 1, 2004, through general succession, assets in the amount of CHF 22,756,511.99 and liabilities in the amount of CHF 20,387,724.58 of Micafil AG in Zürich (CHE-107.362.143). Since the shareholders of both companies are identical, the shares of the acquired company expire and the capital stock of the acquiring company remains unchanged.		
0	Merger: The company acquires the assets in the amount of CHF 6,422,177.96 and liabilities (loan capital) in the amount of CHF 5,988,236.66 of "Levy fils AG" in Basel (CHE-107.731.973) based on the merger agreements of October 21, 2004 and balance sheets as of October 1, 2004. Since the same shareholders hold all the shares in the companies involved in the merger, neither an increase in capital nor an allotment of shares takes place.		
3	Merger: The company acquires by way of merger and based on the merger agreement of January 26, 2006, and merger balance sheets as of January 1, 2006, through general succession, assets in the amount of CHF 1,477,495.01 and liabilities in the amount of CHF 1,327,495.01 of ABB Insurance Brokers AG in Baden (CHE-106.740.202). Since the shareholders of both companies are identical, the shares of the acquired company expire and the capital stock of the acquiring company remains unchanged.		
39	Merger: Transfer of assets and liabilities of Baldor Electric Switzerland AG, Feuerthalen (CHE-107.923.047) involving a share capital of CHF 2,110,000.00 and statutory reserves of CHF 768,000.00, pursuant to the Merger Agreement of April 25, 2012 and the balance sheet as per December 31, 2011. Assets in the amount of CHF 419,353.00 and liabilities (debt capital) in the amount of CHF 156,538.00 shall be transferred to the absorbing company. Pursuant to confirmation by the accredited audit expert, the absorbing company has freely disposable equity capital in the amount of the capital loss. Since the absorbing company holds all of the shares in the transferring company, neither a capital increase nor an allocation of shares will be effected.		
54	Merger: Transfer of assets and liabilities of ABB Technology Ventures Ltd, Zurich (CHE-115.379.944) pursuant to the Merger Agreement of May 9 / May 14, 2014 and the balance sheet as per December 31, 2013. Assets in the amount of CHF 70,205,528.76 and liabilities (debt capital) in the amount of CHF 136,382,452.51, meaning a surplus of liabilities of CHF 66,176,923.75, shall be transferred to the absorbing company. Pursuant to confirmation by the accredited audit expert, subordinations in the amount of loss of capital and the over-indebtedness exist. Since the same shareholders hold all of the shares in the transferring company, neither a capital increase nor an allocation of shares will be effected.		

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Entry	Can	Specific Facts	Ref.	Publication
62		Merger: Transfer of assets and liabilities of Newave Energy AG, Baden (CHE-108.417.999) pursuant to the Merger Agreement of November 19, 2014 and the balance sheet as per October 31, 2014. Assets in the amount of CHF 10,424,141.33 and liabilities (debt capital) in the amount of CHF 6,695,242.97 shall be transferred to the absorbing company. Since the absorbing company holds all of the shares in the transferring company, neither a capital increase nor an allocation of shares will be effected.		
77		Merger: Transfer of assets and liabilities of ABB Technology AG, Zurich (CHE-102.176.685) pursuant to the Merger Agreement of May 9, 2016 and the balance sheet as per December 31, 2015. Assets in the amount of CHF 702,393,851.68 and liabilities (debt capital) in the amount of CHF 1,232,858,587.04, meaning a surplus of liabilities of CHF 530,464,735.36, shall be transferred to the absorbing company. Pursuant to confirmation by the accredited audit expert, subordination declarations in the amount of the underfunding and the over-indebtedness exist. Since the same shareholder holds all of the shares in the companies involved in the merger, neither a capital increase nor an allocation of shares will be effected.		

Entry Dates

Entry dates can be seen on the German original extract of the "Commercial Register of Canton Aargau" (enclosed).

Personal Data and Signatory Rights

Personal data and signatory rights can be seen on the German original extract of the "Commercial Register of Canton Aargau" (enclosed).

Deleted Sections

Deleted sections can be seen on the German original extract of the "Commercial Register of Canton Aargau" (enclosed) and are not reflected in this translation.

I, the undersigned, hereby confirm that this English translation corresponds to the best of my knowledge and ability to the original German text of the extract of the Commercial Register of Canton Aargau. The sections "Entry Dates" and "Personal Data and Signatory Rights" have not been included in this translation, they can, however, be seen on the original German version (enclosed) which has priority over this English translation.

Baden, June 23, 2016

ABB Switzerland Ltd.



Chantal Lüthi

Legalization

The foregoing signature was written in her own hand by Chantal Lüthi, born May 19, 1984, Swiss citizen, in Otelfingen (Switzerland), identified with Identity card number C8524814.

Baden (Switzerland), June 24, 2016

The Notary Public:



A handwritten signature in cursive script, likely belonging to the notary, Dr. Markus Binder.