

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8249714

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	10/02/2023

CONVEYING PARTY DATA

Name	Execution Date
HITACHI ENERGY SWITZERLAND AG	10/02/2023

RECEIVING PARTY DATA

Name:	HITACHI ENERGY LTD
Street Address:	BROWN-BOVERI-STRASSE 5
City:	ZÜRICH
State/Country:	SWITZERLAND
Postal Code:	8050

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18013825

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: rmoye@sagepat.com
Correspondent Name: SAGE PATENT GROUP
Address Line 1: P.O. BOX 30789
Address Line 4: RALEIGH, NORTH CAROLINA 27622

ATTORNEY DOCKET NUMBER:	8700-191370US01
NAME OF SUBMITTER:	HILLARY L. BROWN
SIGNATURE:	/Hillary L. Brown/
DATE SIGNED:	10/31/2023

Total Attachments: 6

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Commercial Register of the Canton of Zurich

Identification number CHE-339.599.331	Legal status Limited or Corporation	Entry 20.09.2018	Cancelled	Carried over from: CH-020.3.046.484-6 on:	1
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In	Ca	Business name	Ref	Legal seat
1	9	ABB Management Holding AG	1	Zurich
1	9	(ABB Management Holding SA) (ABB Management Holding Ltd)		
9	23	Hitachi ABB Power Grids AG		
9	23	(Hitachi ABB Power Grids SA) (Hitachi ABB Power Grids Ltd)		
23		Hitachi Energy AG		
23		(Hitachi Energy Ltd) (Hitachi Energy SA)		

In	Ca	Share capital	Paid up	Shares	In	Ca	Company address
1	2	CHF 1,000,000.00	CHF 1,000,000.00	1,000,000 registered shares at CHF 1.00	1	9	Affolternstrasse 44 8050 Zurich
2	8	CHF 1,250,000.00	CHF 1,051,000.00	1,250,000 registered shares at CHF 1.00	9	13	Brown-Boveri-Strasse 5 8050 Zurich
8	11		CHF 1,171,000.00		13		Brown-Boveri-Strasse 5 8050 Zurich
11	14		CHF 1,184,250.40				
14	15		CHF 1,190,445.60				
15	17		CHF 1,198,224.00				
17	18		CHF 1,240,408.80				
18	21		CHF 1,247,228.00				
21	27		CHF 1,249,569.60				
27			CHF 1,250,000.00				

In	Ca	Object	In	Ca	Other addresses
1	9	The object of the company is the acquisition, possession, administration, exploitation and sale of domestic and foreign holdings, whether directly or indirectly, in particular in undertakings in manufacturing industry and in related areas, and the provision of services, internally or for other subsidiaries of the group to which the company belongs. The company may set up branch offices and subsidiaries domestically and abroad and participate in other undertakings domestically and abroad. The company may purchase, possess, manage, encumber, exploit and sell land and intellectual property rights domestically and abroad. The company may grant direct or indirect financing to its direct or indirect subsidiaries and third parties, including its direct or indirect shareholders and their direct or indirect subsidiaries, provide security of all kinds for its own obligations and those of other companies (including direct or indirect shareholders of the company or companies in which these shareholders directly or indirectly participate), including by means of liens or fiduciary assignments or transfers of company assets, or provide guarantees, give sureties or secure or guarantee obligations of these other companies in any other way, whether for payment or otherwise. It may also carry out liquidity balancing/net liquidity concentration (cash pooling) with the abovementioned companies or join such a process, including periodic account balancing, the latter also without consideration, under preferential conditions, without interest, excluding efforts by the company to make a profit and incurring cluster risks. The company may carry out all commercial, financial and other activities which appear appropriate in helping achieve the object of the company or which are associated therewith.			
9		The object of the company is the acquisition, possession, administration, exploitation and sale of domestic and foreign holdings, whether directly or indirectly, which, in particular, are active in the development, engineering, manufacture and distribution of products, systems and projects in the fields of power supply automation and integration, high-voltage products and transformers and related fields. The company may set up branch offices and subsidiaries domestically and abroad. The company may purchase, hold, manage, encumber, exploit and sell land and intellectual property rights and finance other companies domestically and abroad. The company may grant direct or indirect financing to its direct or indirect subsidiaries and third parties, including its direct or indirect shareholders and their direct or indirect subsidiaries, provide security of all kinds for its own obligations and those of other companies (including direct or indirect shareholders of			



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In	Ca	Purpose	In	Ca	Other addresses
		the company or companies in which these shareholders directly or indirectly participate), including by means of liens or fiduciary assignments or transfers of company assets, or provide guarantees, give sureties or secure or guarantee obligations of these other companies in any other way, whether for payment or otherwise. It may also carry out liquidity balancing/net liquidity concentration (cash pooling) with the abovementioned companies or join such a process, including periodic account balancing, the latter also without consideration, under preferential conditions, without interest, excluding efforts by the company to make a profit and incurring cluster risks. The company may carry out all commercial, financial and other activities which appear appropriate in helping achieve the object of the company or which are associated therewith.			

In	Ca	Remarks	Ref	Date of the acts
1		The transferability of the registered shares is limited according to the statutes.	1	18.09.2018
1		Unless the law requires personal notification to the shareholders, the board of directors may provide notifications through one-off publication in the Swiss Official Gazette of Commerce (SOGC). Written notifications from the company are provided by letter to the shareholder's most recent address entered in the share register. If neither the law nor these statutes require written notification, the company may also send notifications to the shareholder's most recent email address entered in the share register.	2	03.12.2018
			8	10.06.2020
			9	01.07.2020
			11	21.07.2020
			14	05.11.2020
2		Ordinary increase in the share capital.	15	12.11.2020
			17	05.02.2021
			18	12.02.2021
			21	11.05.2021
			23	22.06.2021
			27	06.05.2022
			34	21.06.2023

In	Ca	Qualified facts	Ref	Official publication
8		Contribution in kind: With an increase in the paid-up amount of the share capital from CHF 1,051,000.00 to CHF 1,171,000.00 on 10.06.2020, by agreement of 10.06.2020, the company takes over 120,000 shares in ABB PG Power Grids AG, whereby 150,000 registered shares at CHF 1.00, 20% of which had previously been paid up, are now regarded as fully paid up.	1	SOGC
11		Contribution in kind: With an increase in the paid-up amount of the share capital from CHF 1,171,000.00 to CHF 1,184,250.40 on 21.07.2020, by agreement of 21.07.2020, the company takes over 18,698,650 shares in ABB Power Grids UK Limited, Stone (GB), whereby 16,563 registered shares at CHF 1.00, 20% of which had previously been paid up, are now regarded as fully paid up.		
14		Contribution in kind: With an increase in the paid-up amount of the share capital from CHF 1,184,250.40 to CHF 1,190,445.60 on 05.11.2020, by agreement of 05.11.2020, the company takes over 3,325,000 shares in ABB PG Participations AG, Zurich, whereby 7,744 registered shares at CHF 1.00, 20% of which had previously been paid up, are now regarded as fully paid up.		



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All data

In	Ca	Qualified facts	Ref	Official publication
15		Contribution in kind: With an increase in the paid-up amount of the share capital from CHF 1,190,445.60 to CHF 1,198,224.00 on 12.11.2020, by agreement of 12.11.2020, the company takes over 26,000 shares in ABB Contracting Company Ltd., Riyadh (Saudi Arabia), whereby 9,723 registered shares at CHF 1.00, 20% of which had previously been paid up, are now regarded as fully paid up.		
17		Contribution in kind: With an increase in the paid-up amount of the share capital from CHF 1,198,224.00 to CHF 1,240,408.80 on 05.02.2021, by agreement of 05.02.2021, the company takes over 31,786,256 shares in ABB Power Products and Systems India Limited, Bengaluru (IN), whereby 52,731 registered shares at CHF 1.00, 20% of which had previously been paid up, are now regarded as fully paid up.		
18		Contribution in kind: With an increase in the paid-up amount of the share capital from CHF 1,240,408.80 to CHF 1,247,228.00 on 12.02.2021, by agreement of 12.02.2021, the company takes over 3,799,999 shares in ABB Power Technology Services Private Limited, Bengaluru (IN), whereby 8,524 registered shares at CHF 1.00, 20% of which had previously been paid up, are now regarded as fully paid up.		
21		Contribution in kind: With an increase in the paid-up amount of the share capital from CHF 1,247,228.00 to CHF 1,249,569.60 on 11.05.2021, by agreement of 11.05.2021, the company takes over 1,100 shares in ABB Power Grids South Africa (Pty) Ltd, Modderfontein (ZA), whereby 2,927 registered shares at CHF 1.00, 20% of which had previously been paid up, are now regarded as fully paid up.		
27		Contribution in kind: With an increase in the paid-up amount of the share capital from CHF 1,249,569.60 to CHF 1,250,000.00 on 06.05.2022, by agreement of 06.05.2022, the company takes over 4,900,000 shares in ABB Engineering Technologies Company (K.S.C.C.), Kuwait City (KW), whereby 538 registered shares at CHF 1.00, 20% of which had previously been paid up, are now regarded as fully paid up.		
38		Merger: Takeover of the assets and liabilities of Hitachi Energy Switzerland AG, Baden (CHE-424.543.670), by merger agreement of 19.09.2023 and according to the balance sheet as of 31.03.2023. Assets of CHF 1,619,515,620.95 and liabilities (borrowed capital) of CHF 1,265,727,899.62 are passed to the company taking over. Since the company taking over holds all of the shares in the company being taken over, there is neither any increase in capital nor any allocation of shares.		

Ref	Journal	Date	SOGC	Date SOGC	Page / Id	Ref	Journal	Date	SOGC	Date SOGC	Page / Id
1	33639	20.09.2018	185	25.09.2018	1004461745	20	9952	05.03.2021	48	10.03.2021	1005119825
2	43613	04.12.2018	238	07.12.2018	1004514692	21	20644	12.05.2021	94	18.05.2021	1005183943
3	5313	04.02.2019	26	07.02.2019	1004560565	22	22556	25.05.2021	101	28.05.2021	1005195297
4	41257	24.10.2019	209	29.10.2019	1004746776	23	29620	30.06.2021	127	05.07.2021	1005237940
5	A 46172	28.11.2019	A 234	03.12.2019	1004773004	24	41227	29.09.2021	192	04.10.2021	1005303677
6	15596	23.04.2020	81	28.04.2020	1004878199	25	51535	10.12.2021	244	15.12.2021	1005357290
7	17584	08.05.2020	92	13.05.2020	1004888294	26	19417	12.05.2022	95	17.05.2022	1005475010
8	21717	10.06.2020	113	15.06.2020	1004910119	27	20653	20.05.2022	101	25.05.2022	1005481352
9	25532	02.07.2020	129	07.07.2020	1004930335	28	A 21469	27.05.2022	A 105	01.06.2022	1005485823
10	R 26136	07.07.2020	R 132	10.07.2020	1004933808	29	28921	15.07.2022	139	20.07.2022	1005524677
11	28545	23.07.2020	144	28.07.2020	1004946295	30	40336	10.10.2022	199	13.10.2022	1005582094
12	33128	31.08.2020	171	03.09.2020	1004970388	31	48845	08.12.2022	242	13.12.2022	1005626690
13	R 41649	30.10.2020	R 215	04.11.2020	1005014403	32	12240	22.03.2023	60	27.03.2023	1005709242
14	42402	05.11.2020	219	10.11.2020	1005018824	33	18216	03.05.2023	88	08.05.2023	1005740169
15	46165	01.12.2020	237	04.12.2020	1005039016	34	25623	22.06.2023	122	27.06.2023	1005778610
16	517	05.01.2021	5	08.01.2021	1005068281	35	29661	17.07.2023	139	20.07.2023	1005799765
17	6020	08.02.2021	29	11.02.2021	1005097679	36	34086	17.08.2023	161	22.08.2023	1005820689
18	7473	17.02.2021	36	22.02.2021	1005106281	37	36117	04.09.2023	173	07.09.2023	1005832585
19	8927	26.02.2021	43	03.03.2021	1005113886	38	39297	27.09.2023	190	02.10.2023	1005849419

In	Mo	Ca	Personal data	Function	Signature
1		8m	Fürer, Thomas, from Baar, in Zurich	Chair of the board of directors	Joint signature as one of two

Zurich, 02.10.2023



Commercial Register of the Canton of Zurich

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All data

In	Mo	Ca	Personal data	Function	Signature
1		9	Hall, Alexander, from Baar, in Baar	Member of the board of directors	Joint signature as one of two
1		16	KPMG AG (CHE-106.084.881), in Zurich	Auditor	
3		9	Anliker, Alexander, from Gondiswil, in Würenlos		Joint signature as one of two
3			ElMadany, Hesham, Egyptian national, in Wallisellen		Joint signature as one of two
3			Haka, Ismo, Finnish national, in Wollerau		Joint signature as one of two
3		9	Hotz, Jörg, from Zurich, in Zurich		Joint signature as one of two
3		9	Jacob Swedjemark, Bobby, Indian national, in Meilen		Joint signature as one of two
3		9	Kay, Rosaria, British national, in Adliswil		Joint signature as one of two
3		9	Moser, Adrien, from Aeschi (SO), in Zurich		Joint signature as one of two
3		9	Reubert, Michel, French national, in Zurich		Joint signature as one of two
3		9	Rubinic, Natascia, from Kilchberg (ZH), in Wettingen		Joint signature as one of two
3		9	Ziegler, Armin, German national, in Biberstein		Joint signature as one of two
3		9	Zimmerli, Michael, from Oftringen, in Obersiggenthal		Joint signature as one of two
4		37m	Braun, Achim, German national, in Kilchberg (ZH)		Joint signature as one of two
4			Facchin, Claudio, Italian national, in Rüschiikon		Joint signature as one of two
4		5m	Gäbler, Nikolaus, Austrian national, in		Joint signature as one of two
4		5m	Lamanna, Antonio, Australian national, in		Joint signature as one of two
4		20m	Law, Andrew, South African national, in Regensdorf		Joint signature as one of two
4		30	Orcini, Giuliana, from Seedorf (BE), in Langnau am Albis		Joint signature as one of two
4		36m	Pfrang, Christian, German national, in Meilen		Joint signature as one of two
4			Stolle-Amedick, Barbara, German national, in Kilchberg (ZH)		Joint signature as one of two
4			Van-den-Berg, Alexander, Dutch national, in Allschwil		Joint signature as one of two
5			Gäbler, Nikolaus, Austrian national, in Zurich		Joint signature as one of two
5		32	Lamanna, Antonio, Australian national, in Horgen		Joint signature as one of two
6			Formis, Manuel, British national, in Boppelsen		Joint signature as one of two
6			Haas, Roman, German national, in Kaiseraugst		Joint signature as one of two
6			Mendez Jimenez, Jorge, Mexican national, in Zurich		Joint signature as one of two
6			Stoepel, Fred, German national, in Zurich		Joint signature as one of two
7			Bigge, Simone, from Valbirse, in Brugg		Joint signature as one of two
7			Dogwiler, Urs, from Cham, in Wettswil am Albis		Joint signature as one of two
7		12	Ecknauer, Denis, from Herznach, in Zollikon		Joint signature as one of two
7			Rossetti, Piermauro, Italian national, in Zurich		Joint signature as one of two
8		9	Fürer, Thomas, from Baar, in Rapperswil Jona	Chair of the board of directors	Joint signature as one of two
9		10m	Nishino, Toshiyazu, Japanese national, in Kanagawa (JP)	Chair of the board of directors	Joint signature as one of two
9			Duggan, Frank, Irish national, in Dubai (AE)	Vice-Chair of the board of directors	Joint signature as one of two
9		10m	Ihamuotila, Timo, Finnish national, in Rüschiikon	Vice-Chair of the board of directors	Joint signature as one of two
9		33	Hawthorne, Duncan, British national, in Cheltenham (GB)	Member of the board of directors	Joint signature as one of two
9		24	Oda, Atsushi, Japanese national, in Tokyo (JP)	Member of the board of directors	Joint signature as one of two
9		33	Otsuki, Ryuichi, Japanese national, in Tokyo (JP)	Member of the board of directors	Joint signature as one of two
9			Valverde Delgado, Manuel Jesus, Spanish national, in Freienbach	Member of the board of directors	Joint signature as one of two
9			Danieli, Massimo, Italian national, in Fällanden		Joint signature as one of two



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CHE-339.599.331	Hitachi Energy AG	Zurich	5
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All data

In	Mo	Ca	Personal data	Function	Signature
9			Heimbach, Dr Markus, German national, in Thalwil		Joint signature as one of two
9			Melles, Bruno, Italian national, in Erlenbach (ZH)		Joint signature as one of two
9			Persson, Jan Niklas, Swedish national, in Zollikon		Joint signature as one of two
9			Salge, Gerhard Stefan, German national, in Maur		Joint signature as one of two
	10	25	Nishino, Toshikazu, Japanese national, in Kanagawa (JP)	Chair of the board of directors	Joint signature as one of two
	10	33	Ihamuotila, Timo, Finnish national, in Rüschlikon	Member of the board of directors	Joint signature as one of two
16			Ernst & Young AG (CHE-491.907.686), in Zurich	Auditor	
16			Steijn, Marinus, Dutch national, in Horgen		Joint signature as one of two
19			Abrokwa, Dominique, German national, in Zurich		Joint signature as one of two
19			Terziev, Georgi, from Wädenswil, in Wädenswil		Joint signature as one of two
	20		Law, Andrew, South African national, in Zurich		Joint signature as one of two
22			Plötz, Armin, from Zumikon, in Rapperswil-Jona		Joint signature as one of two
24		25m	Dormer, Alistair, British national, in Tokyo (JP)	Member of the board of directors	Joint signature as one of two
	25	26m	Dormer, Alistair, British national, in Tokyo (JP)	Chair of the board of directors	Joint signature as one of two
25			Nukui, Seiichiro, Japanese national, in Tokyo (JP)	Member of the board of directors	Joint signature as one of two
25			Zaher, Mohamed, Egyptian national, in Thalwil		Joint signature as one of two
	26	29	Dormer, Alistair, British national, in Abingdon (GB)	Chair of the board of directors	Joint signature as one of two
29		33	Kawamura, Yoshihiko, Japanese national, in Tokyo (JP)	Chair of the board of directors	Joint signature as one of two
31			Alimentato Junior, Salvatore, Italian national, in Zollikon		Joint signature as one of two
33			Dormer, Alistair, British national, in Abingdon (GB)	Chair of the board of directors	Joint signature as one of two
33			Hirao, Akihide, Japanese national, in Tokyo (JP)	Member of the board of directors	Joint signature as one of two
33			Pierce, Stephen, British national, in Wokingham (GB)	Member of the board of directors	Joint signature as one of two
33			Samant, Shashank, Indian national, in Santa Clara / CA (US)	Member of the board of directors	Joint signature as one of two
35			Koch, Brice, from Dübendorf, in Dübendorf	Member of the board of directors	Joint signature as one of two
	36		Pfrang, Christian, German national, in Lengwil		Joint signature as one of two
	37		Braun, Achim, German national, in Oberrieden		Joint signature as one of two

Zurich, 02.10.2023

The information above is given without commitment and is in no way legally binding.

I, Clive Edward MANN BA (Joint Hons),
translator to RWS Group Ltd, of Europa House, Chiltern Park, Chiltern Hill, Chalfont St Peter,
Buckinghamshire, United Kingdom, hereby declare that I am conversant with the English and
German languages and am a competent translator thereof. I declare further that to the best of
my knowledge and belief the following is a true and correct translation of the accompanying
document in the German language.

Signed this 9th day of October 2023

A handwritten signature in black ink, appearing to read 'Clive Mann', with a horizontal line underneath.

C. E. MANN

For and on behalf of RWS Group Ltd