

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	FREDERIC THOLENCE	10/18/2022
	ULF SAND	10/18/2022
	REBEI BEL FDHILA	10/27/2022
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Postal Code:	5400	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	17920446	
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NAME OF SUBMITTER:	HILLARY L. BROWN	
SIGNATURE:	/Hillary L. Brown/	
DATE SIGNED:	11/04/2022	
Total Attachments: 4		
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ASSIGNMENT

Assignee: Hitachi Energy 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.

Assignee's Patent Reference Number: P200025WO01

Application Number: PCT/EP2021/059009

Filing Date: April 7, 2021

Application Country/Region: WO

Application Title: HEAT EXCHANGER AND ELECTRIC ARRANGEMENT COMPRISING HEAT EXCHANGER

I, the below identified and undersigned inventor or co-inventor, as the case may be, of residence listed below, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, hereby transfer and assign to Assignee, its legal representatives, successors, and assigns, my entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide which stem from the above-identified patent application and to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof, or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

I hereby further agree to assist in and execute all documents needed now or in the future to perfect, obtain, and secure the aforementioned rights to Assignee, its legal representatives, successors, and assigns, (such as inventor oaths/declarations regarding the Patent Rights) for any jurisdiction in the world. At the expense of Assignee, or its legal representatives, successors, or assigns, I agree to assist in any legal proceedings, sign all lawful papers in such proceedings, make all lawful oaths, and generally do everything possible to aid Assignee, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

If my entire right, title, and interest to the Patent Rights have already been transferred and assigned to Assignee via my employment agreement and/or by local laws, then this Assignment acts as a confirmatory assignment memorializing such transfer and assignment for the purposes of recordal and/or registration in governmental patent agencies/organizations.

I hereby grant Assignee, along with Assignee's representatives, the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document any place in the world.

If there are co-inventors listed below, the signatures of all the inventors need not appear on the same page, and each inventor may sign this Assignment in multiple counterparts, such that each separately signed counterpart of this Assignment constitutes an original Assignment for the inventor(s) that signed such counterpart.

Inventor Name	Residence (City, State, Country)	Citizenship (Nationality)	Inventor Signature and Date Signed
Frederic Tholence	Mölnådal, Sweden	France	 Date: 2022-10-18
Ulf Sand	Västerås, Sweden	Sweden	Date:
Rebei Bel Fdhila	Västerås, Sweden	Sweden	Date:

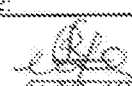
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Ulf Sand	Västerås, Sweden	Sweden	Date:
Rebel Bel Fdhila	Västerås, Sweden	Sweden	 Date: 10-22-70-27