

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8062996

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THE STATE IN THE ADDRESS OF THE ASSIGNEE SHOULD BE LISTED AS "NORTH CAROLINA" previously recorded on Reel 058814 Frame 0960. Assignor(s) hereby confirms the ADDRESS OF THE ASSIGNEE IS IN NORTH CAROLINA AND SHOULD BE LISTED AS: 800-E BEATY STREET DAVIDSON, NORTH CAROLINA 28036.

CONVEYING PARTY DATA

Name	Execution Date
FARRAR SCIENTIFIC CORPORATION	10/15/2021

RECEIVING PARTY DATA

Name:	TRANE TECHNOLOGIES LIFE SCIENCES LLC
Street Address:	800-E BEATY STREET
City:	DAVIDSON
State/Country:	NORTH CAROLINA
Postal Code:	28036

PROPERTY NUMBERS Total: 8

Property Type	Number
Application Number:	16720607
PCT Number:	US2020050443
Application Number:	63210574
Application Number:	63210576
Application Number:	63231018
Application Number:	63231021
Application Number:	63231027
Application Number:	63231031

CORRESPONDENCE DATA

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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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NAME OF SUBMITTER:	AMANDA J CHILDS
SIGNATURE:	/Amanda J Childs/
DATE SIGNED:	07/18/2023
Total Attachments: 9 source=058814-0960-Original Coversheet#page1.tif source=058814-0960-Original Coversheet#page2.tif source=058814-0960-Assignment-1#page1.tif source=058814-0960-Assignment-1#page2.tif source=058814-0960-Assignment-1#page3.tif source=058814-0960-Assignment-1#page4.tif source=058814-0960-Assignment-1#page5.tif source=058814-0960-Assignment-1#page6.tif source=058814-0960-Assignment-1#page7.tif	

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7148024

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FARRAR SCIENTIFIC CORPORATION	10/15/2021
RECEIVING PARTY DATA	
Name:	TRANE TECHNOLOGIES LIFE SCIENCES LLC
Street Address:	800-E BEATY STREET
City:	DAVIDSON
State/Country:	CALIFORNIA
Postal Code:	28036
PROPERTY NUMBERS Total: 8	
Property Type	Number
Application Number:	16720607
PCT Number:	US2020050443
Application Number:	63210574
Application Number:	63210576
Application Number:	63231018
Application Number:	63231021
Application Number:	63231027
Application Number:	63231031
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ATTORNEY DOCKET NUMBER:	T110639.0001.8
NAME OF SUBMITTER:	TRAVIS IAMS, REG #66,362
SIGNATURE:	/Travis Iams/

PATENT

DATE SIGNED:	01/28/2022
Total Attachments: 7 source=Tarpon - Patent Assignment - Redacted#page1.tif source=Tarpon - Patent Assignment - Redacted#page2.tif source=Tarpon - Patent Assignment - Redacted#page3.tif source=Tarpon - Patent Assignment - Redacted#page4.tif source=Tarpon - Patent Assignment - Redacted#page5.tif source=Tarpon - Patent Assignment - Redacted#page6.tif source=Tarpon - Patent Assignment - Redacted#page7.tif	

PATENT ASSIGNMENT

This Patent Assignment (this "Patent Assignment"), effective as of October 15, 2021 (the "Effective Date"), is by and between Farrar Scientific Corporation, an Ohio corporation ("Assignor"), and Trane Technologies Life Sciences LLC, a Delaware limited liability company ("Assignee").

WITNESSETH:

WHEREAS, Assignor is the owner of certain patents and patent applications as identified on the attached Schedule A (the "Patents"), and

WHEREAS, Assignee desires to acquire the entire right, title, and interest in and to the Patents, and in and to any patent or patents that may issue thereon, rely thereon, or claim priority therefrom.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor assigns to Assignee, all right, title, and interest in and to the Patents, including all right, title, and interest in and to all patent applications that claim priority therefrom, all patents which may be granted therefor, or which claim priority therefrom or rely thereon, including, for example, all divisions, continuations, continuations-in-part, reissues, reexaminations, utility models, industrial designs, and extensions thereof, whether in the United States or elsewhere in the world. Assignor authorizes and requests the United States Patent and Trademark Office and all foreign patent offices (or other patent issuing authorities) to issue all patents for the Patents, or patents resulting therefrom, or claiming priority or relying thereon, insofar as Assignor's interest is concerned, to Assignee and its successors and assigns.

Assignor also assigns to Assignee, all right, title, and interest in and to the Patents throughout the world, including the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all subject matter that is disclosed in the Patents, and the right to file applications and obtain patents, utility models, industrial models, and designs for the Patents in its own name throughout the world.

Assignor further agrees to execute any and all applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title, and interest in Assignee granted hereunder.

Assignor hereby assigns to Assignee any and all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any of the Patents; and any and all claims and causes of action with respect to any of the Patents, whether accruing before, on, or after the Effective Date, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, with the right but not the obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

This Patent Assignment shall be binding on the parties' successors, assigns, and legal representatives and shall be interpreted according to the laws of the State of New York, United States of America, without regard to the application of any law, rule or regulation that would result in the application of the law of another jurisdiction.

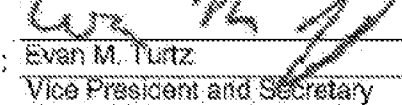
ASSIGNOR:

FARRAR SCIENTIFIC CORPORATION

By: _____
Name: James S. Vuksic
Title: President and Chief Executive Officer

ASSIGNEE:

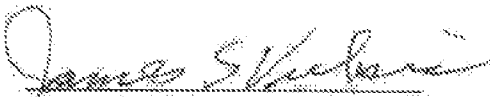
TRANE TECHNOLOGIES LIFE SCIENCES LLC

By: 
Name: Evan M. Turtz
Title: Vice President and Secretary

This Patent Assignment shall be binding on the parties' successors, assigns, and legal representatives and shall be interpreted according to the laws of the State of New York, United States of America, without regard to the application of any law, rule or regulation that would result in the application of the law of another jurisdiction.

ASSIGNOR:

FARRAR SCIENTIFIC CORPORATION

By: 
Name: James S. Vuksic
Title: President and Chief Executive Officer

ASSIGNEE:

TRANE TECHNOLOGIES LIFE SCIENCES LLC

By: _____
Name: _____
Title: _____

SCHEDULE A

Docket No.	Title	App. No. Filing Date	Due	Statutory Deadline	Status
078127.6	U.S. Nonprovisional Patent Application "System and Method of Hot Gas Defrost Control for Multistage Cascade Refrigeration System" Expedited Examination (participation in PPH) Claims priority to Provisional Patent Application No. 62/857,047, filed 6/4/2019 (078127.2) Assigned to Farar Scientific Corp. Reel/Frame: 057250/0267 Recordation Date: 08/20/2021	Application No. 16/720,607 Filed: 12/19/2019 Conf. # [REDACTED]	To be decided		Notice of Allowance mailed 08/16/2021
078127.8	Provisional Patent Application "Heat Pipe Evaporator"	Application No. [REDACTED] Filed [REDACTED] Conf. # [REDACTED]			Expired
078127.9	Provisional Patent Application "Superheat Board Controlled Refrigeration System 2.0"	Application No. [REDACTED] Filed [REDACTED] Conf. # [REDACTED]			Expired

078127.10	Provisional Patent Application	Application No. [REDACTED]			Expired
	"Superheat Board Controlled Refrigeration System 3.0"	Filed [REDACTED] Conf. # [REDACTED]			
078127.11	Provisional Patent Application	Application No. [REDACTED]			Expired
	"Auto Balance Cascade System"	Filed [REDACTED] Conf. # [REDACTED]			
078127.12	PCT International Patent Application	Application No. PCT/US2020/050443 Filed 09/11/2020 Conf. # [REDACTED]	30 month countries: 06/19/2022 31 month countries: 07/19/2022	Varies with country- up to 12 months with surcharge payment	Pending
	Claims priority to U.S. Nonprovisional Patent Application No. 16/720,607, filed 12/19/2019 (078127.6)				
078127.13	Provisional Patent Application	Application No. 63/210,574 Filed 06/15/2021 Conf. # [REDACTED]	06/15/2022 06/15/2022	06/15/2021 08/15/2022	Pending
	"Ultra Low Temperature Evaporator Coil in a Forced Convection Refrigeration System that Contains a Hydrophilic Surface Coating" Assigned to Farnir Scientific Corp. Reel/frame: 057292/0644 Recordation Date: 08/24/2021				

078127.14	Provisional Patent Application "Ultra Low Temperature Evaporator Coil in a Forced Convection Refrigeration System that Contains a Hydrophobic Surface Coating" Assigned to Farar Scientific Corp. Reel/Frame: 057292/0644 Recordation Date: 08/24/2021	Application No. 63/210,576 Filed 06/15/2021 Conf. # [REDACTED]	06/15/2022	06/15/2021	Pending
078127.15	Provisional Patent Application "Sub-Zero Hypernecic PCM Mixtures with Minimum Supercooling" Assigned to Farar Scientific Corp. Reel/Frame: 057292/0644 Recordation Date: 08/24/2021	Application No. [REDACTED] Filed [REDACTED] Conf. # [REDACTED]			Expired
078127.16	Provisional Patent Application "Minimizing Supercooling and Enhancing PCM Performance with Ultrasound" Assigned to Farar Scientific Corp. Reel/Frame: 057241/0940 Recordation Date: 08/20/2021	Application No. [REDACTED] Filed [REDACTED] Conf. # [REDACTED]			Expired
078127.17	Provisional Patent Application "Heat Pipe Evaporator" Assigned to Farar Scientific Corp. Reel/Frame: 057241/0940 Recordation Date: 08/20/2021	Application No. 63/231,018 Filed 08/09/2021 Conf. # [REDACTED]	08/09/2021	08/09/2022	Pending
078127.18	Provisional Patent Application "Superheat Board Controlled Refrigeration System 2.0" Assigned to Farar Scientific Corp. Reel/Frame: 057250/0321	Application No. 63/231,021 Filed 08/09/2021 Conf. # [REDACTED]	08/09/2022	08/09/2022	Pending

	Recordation Date: 08/20/2021				
078127.19	Provisional Patent Application "Superheat Board Controlled Refrigeration System 3.0" Assigned to Farar Scientific Corp. Reel/Frame: 057250/0321 Recordation Date: 08/20/2021	Application No. 63/231,027 Filed 08/09/2021 Conf. # [REDACTED]	08/09/2022	08/09/2022	Pending
078127.20	Provisional Patent Application "Auto Balance Cascade System" Assigned to Farar Scientific Corp. Reel/Frame: 057242/0395 Recordation Date: 08/20/2021	Application No. 63/231,031 Filed 08/09/2021 Conf. # [REDACTED]	08/09/2022	08/09/2022	Pending