

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7994969

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FRANCIS A. PAPAY	05/12/2023
KELLY EMERTON	05/23/2023
RECEIVING PARTY DATA	
Name:	THE CLEVELAND CLINIC FOUNDATION
Street Address:	9500 EUCLID AVENUE
City:	CLEVELAND
State/Country:	OHIO
Postal Code:	44195
PROPERTY NUMBERS Total: 5	
Property Type	Number
Application Number:	17661705
Application Number:	16866488
Application Number:	17817192
Application Number:	16866523
Application Number:	17654451
CORRESPONDENCE DATA	
Fax Number:	
<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:	2064137491
Email:	docketing@fortemip.com
Correspondent Name:	FORTEM IP
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Address Line 2:	STE 406
Address Line 4:	SEATTLE, WASHINGTON 98101
ATTORNEY DOCKET NUMBER:	XII.004C1,005A/C1,006A/C1
NAME OF SUBMITTER:	KATHLEEN THOMAS
SIGNATURE:	/Kathleen Thomas/
DATE SIGNED:	06/07/2023

Total Attachments: 5

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ASSIGNMENT BY INVENTORS

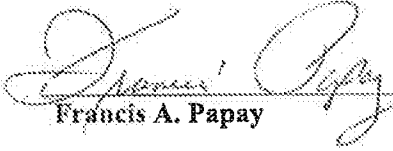
This Assignment is by the following individuals (the "Assignors"):

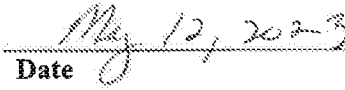
- * Francis A. Papay, residing in Cleveland, OH, and
- * Kelly Emerton, residing in Santa Rosa, CA.

The Assignors own all right, title, and interest in and to certain patents, patent applications, and/or other patent rights, including, without limitation, those listed in Exhibit 1 of this assignment.

The Cleveland Clinic Foundation, an Ohio non-profit corporation, having its principal place of business at 9500 Euclid Avenue, Cleveland, OH, 44195, USA (the "Assignee"), desires to acquire the entire right, title, and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deem necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

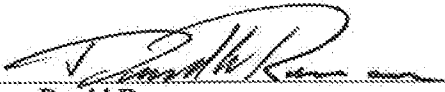

Francis A. Papay


Date

Kelly Emerton
Kelly Emerton

5/23/23
Date

Received and Agreed to by Assignee: The Cleveland Clinic Foundation


Name: David Rowan Date: 6/1/23
Title: Chief Legal Officer, Chief Governance Officer, Secretary

APPROVED AS TO FORM	
CCF -- Law Department	
DATE:	CMS#
May 31, 2023	FOA
By: James M. Frain Jr.	

EXHIBIT 1 – PATENTS AND PATENT APPLICATIONS

Foram Ref.	Country	Status	Application No.	Date Filed	Patent No.	Grant Date
XII.004C1	US	Pending	17/661,705	05/02/2022		
XII.004EP	EP	Pending	20729309.3	05/04/2020		
XII.004P	US	Expired	62/841,978	05/03/2018		
XII.004WO	PCT	Completed	PCT/US2020/031266	05/04/2020		
XII.005A	US	Issued	16/866,488	05/04/2020	11420063	08/23/2022
XII.005AU	AU	Pending	2020266685	05/04/2020		
XII.005C1	US	Pending	17/817,192	08/03/2022		
XII.005CA	CA	Pending	3138870	05/04/2020		
XII.005CN	CN	Pending	202080048485.5	05/04/2020		
XII.005EP	EP	Pending	20728849.9	05/04/2020		
XII.005JP	JP	Pending	2021-565077	05/04/2020		
XII.005WO	PCT	Completed	PCT/US2020/031383	05/04/2020		
XII.006A	US	Issued	16/866,523	05/04/2020	11291842	04/05/2022
XII.006AU	AU	Pending	2020264530	05/04/2020		
XII.006C1	US	Pending	17/654,451	03/11/2022		
XII.006CA	CA	Pending	3138871	05/04/2020		
XII.006CN	CN	Pending	202080048590.9	05/04/2020		
XII.006EP	EP	Pending	20729318.4	05/04/2020		
XII.006JP	JP	Pending	2021-565717	05/04/2020		
XII.006WO	PCT	Completed	PCT/US2020/031389	05/04/2020		