506560419 03/17/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL BENEDICT	03/16/2021
EUGENE S. BEH	03/15/2021
FRANCISCO E. TORRES	03/17/2021

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17204703

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ATTORNEY DOCKET NUMBER:	20200498US01/0600.351US01
NAME OF SUBMITTER:	ERIN NICHOLS MATKAITI
SIGNATURE:	/Erin Nichols Matkaiti/
DATE SIGNED:	03/17/2021

Total Attachments: 3

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> **PATENT REEL: 055629 FRAME: 0512** 506560419

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **STAGED REGENERATED LIQUID DESICCANT DEHUMIDIFICATION SYSTEMS** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

 ☑ is being executed concurrently herewith, ☐ was first executed on ☐ was filed on ☐ claims the benefit of U.S. Provisional Application 	cation(s) No(s).	filed	
Palo Alto Research Center Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).			
For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and			
 request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC; agree that PARC may apply for and receive all foreign Letters Patent thereon; agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above. 			
Wide/Quid	03/16/2021		
Michael Benedict	DATE		

Eugene S. Beh	DATE	***************************************	
2.550.00			
Francisco E. Torres	DATE		

PATENT REEL: 055629 FRAME: 0513 Attorney File No.: 20200498US01/0600.000351US01

<u>ASSIGNMENT</u>

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled <u>STAGED REGENERATED LIQUID DESICCANT DEHUMIDIFICATION SYSTEMS</u> (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

Michael Benedict Ly L Eugene S. Beh	OATE 3/15/2424	v
agree that PARC may apply for and re agree to execute all papers and tal- requested by PARC; and	ents to issue all U.S. Letters Patent granted thereon to PARC aceive all foreign Letters Patent thereon; re all actions necessary or desirable in connection therewith the Application Number on this Assignment, if not alread	h
assign(s), and transfer(s) to PARC the en- the Invention(s), in and for the United : applications, patents, design registrations a	which is hereby acknowledged, the Inventor(s) hereby sell(s ire and exclusive right, title and interest in the Application an States, its territories, and all foreign countries, including a and publications obtained or derived therefrom, world wide, an conventions and treaties, and any provisional applications to and	id ill id
	d, a Delaware Corporation, on behalf of itself, its successor is ("PARC"), is entitled to all rights in the Application and the Inventor(s).	
Pain Alth Research Center Incorporate		
is being executed concurrently was first executed on was filed on as Applicati claims the benefit of U.S. Provi	on Number .	

DATE

Francisco E. Torres

PATENT REEL: 055629 FRAME: 0514 Attorney File No.: 20200498US01/0600.000351US01

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled <u>STAGED REGENERATED LIQUID DESICCANT DEHUMIDIFICATION SYSTEMS</u> (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

 is being executed concurrently herewild was first executed on was filed on as Application Nur claims the benefit of U.S. Provisional A 	mber .
	Delaware Corporation, on behalf of itself, its successors RC"), is entitled to all rights in the Application and the tor(s).
assign(s), and transfer(s) to PARC the entire and the Invention(s), in and for the United States, applications, patents, design registrations and pu	is hereby acknowledged, the Inventor(s) hereby sell(s), d exclusive right, title and interest in the Application and, its territories, and all foreign countries, including all blications obtained or derived therefrom, world wide, and entions and treaties, and any provisional applications for
 (2) agree that PARC may apply for and receive (3) agree to execute all papers and take all requested by PARC; and 	o issue all U.S. Letters Patent granted thereon to PARC; all foreign Letters Patent thereon; actions necessary or desirable in connection therewith Application Number on this Assignment, if not already
Michael Benedict	DATE
Eugene S. Beh	DATE
Francisco E. Jones	March 17, 2021

DATE

PATENT REEL: 055629 FRAME: 0515

RECORDED: 03/17/2021

Francisco E. Torres