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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PART	Υ DATA					
		Name		Execution Date		
PATRICK SOON-SH	HONG			07/22/2022		
RECEIVING PARTY	Z DATA					
Name:	NANTI	NANT HOLDINGS IP, LLC				
Street Address:	9920 JI	9920 JEFFERSON BLVD.				
City:	CULVE	CULVER CITY				
State/Country:	CALIFO	CALIFORNIA				
Postal Code:	90232					
	I					
PROPERTY NUMBI	ERS Total: 1					
Property Type		Number				
Application Number: 18		18296023				
	ill be sent to r, if provideo ne:	o <i>the e-mail address first; if the</i> <i>d; if that is unsuccessful, it will</i> abakhtiari@umbergzipser.com UMBERG ZIPSER LLP 1920 MAIN STREET, SUITE 75 IRVINE, CALIFORNIA 92614	ll be sent via US N			
		102690.0051US2				
ATTORNEY DOCKE	T NUMBER:		AZIN BAKHTIARI			
ATTORNEY DOCKE NAME OF SUBMITTI SIGNATURE:						
NAME OF SUBMITT		AZIN BAKHTIARI				

ASSIGNMENT

WHEREAS, the undersigned, Patrick Soon-Shiong; Anthony Myers, each an individual (referred to hereinafter as "ASSIGNORS") have invented a certain and useful invention for which we filed a provisional application with the United States Patent Office entitled "Methods And Systems For Producing Carbon-Neutral Fuels From Aragonite", with a Serial Number: , and a filing date: , which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the INVENTION.

WHEREAS, Nant Holdings IP, LLC, a company, having its principal place of business at 9920 Jefferson Boulevard, Culver City, CA 90232, United States, and Calcean Minerals and Materials, LLC, a company, having its principal place of business at 140 Thomas Dr., Gadsden, AL 35904, United States (collectively referred to hereinafter as "ASSIGNEE"), are desirous of acquiring all entire right, title and interest in, to and under said INVENTION, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

WHEREAS, ASSIGNORS hereby authorize and request ASSIGNEE's attorneys of record to insert or correct the serial number(s), filing date(s), or other identification of the INVENTION when known and as needed.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the ASSIGNEE, its successors, and assigns the entire title, right and interest in and to the INVENTION, and to all Letters Patent or similar legal protection arising therefrom, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said INVENTION by said application or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted, including all priority rights under any International Conventions, and including all rights to sue for past, present, or future infringement.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said INVENTION, including the patent application listed above, and any Letters Patent and legal equivalents in foreign countries issuing therefrom as may be known and accessible to ASSIGNORS, and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said Invention to ASSIGNEE.

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ASSIGNORS and ASSIGNEE each covenant to perform all acts and execute and deliver all documents as may be necessary or appropriate to carry out the intent and purposes of this assignment.

This ASSIGNMENT embodies the entire understanding of ASSIGNORS and ASSIGNEE and supersedes and replaces any and all pre-existing assignments or understandings between ASSIGNORS and ASSIGNEE. No amendment or modification of this assignment shall be valid or binding upon ASSIGNORS or ASSIGNEE unless made in writing and signed on behalf of each of ASSIGNORS and ASSIGNEE by their respective duly authorized representative.

ASSIGNORS acknowledge that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said invention and ASSIGNORS further acknowledge that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNORS and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNORS and any attorney or practitioner appointed by ASSIGNEE, in this or in any PCT or other family applications.

This ASSIGNMENT may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

This ASSIGNMENT shall be governed by and construed in accordance with the law of the state of California and ASSIGNORS and ASSIGNEE agree to submit to the exclusive jurisdiction of the courts of the state of California.

EXECUTED at:

Los A	Angeles, Ca	, on _	07/22/2022
	City, State		Date
By: _			
	Patrick Soon-Shiong		* * * *
Nassau, Bahamas		, on _	September 27, 2022
	City, State		Date
By:	Anthony Myers		

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Attorney Docket No. 102690.0051PRO

ACCEPTANCE OF ASSIGNMENT BY ASSIGNEE

Nant Holdings IP, LLC _____ Signature

Charles Kenworthy Name

Manager

Title

 \mathcal{Q}_{i} 2022 28

Date

Calcean Minerals and Materials, LLC

Signature

Name

Title

Date

ACCEPTANCE OF ASSIGNMENT BY ASSIGNEE

Nant Holdings IP, LLC

Signature

Charles Kenworthy

Name

Manager

Title

Date

Calcean Minerals and Materials, LLC

1101-12

Signature

Alyson Myers, Ph.D.

Name

VP of Business Development & Research

Title

09/30/2022

Date

RECORDED: 07/20/2023