506951786 10/30/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KLAUS LACKNER	06/10/2019

RECEIVING PARTY DATA

Name:	ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY
Street Address:	SKYSONG, 1475 N. SCOTTSDALE ROAD
Internal Address:	SUITE 200
City:	SCOTTSDALE
State/Country:	ARIZONA
Postal Code:	85257

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17428965

CORRESPONDENCE DATA

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Correspondent Name: RODNEY J. FULLER, ESQ., BOOTH UDALL FULLER, PLC

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ATTORNEY DOCKET NUMBER:	11157.035US	
NAME OF SUBMITTER:	RODNEY J. FULLER	
SIGNATURE:	/Rodney J. Fuller/	
DATE SIGNED:	10/30/2021	

Total Attachments: 2

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> PATENT REEL: 057971 FRAME: 0009

506951786

ASSIGNMENT

This Assignment is made and executed by **Klaus Lackner** (hereinafter "Assignor"), to and in favor of ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY having a business address of SkySong, 1475 N. Scottsdale Road, Suite 200, Scottsdale, AZ 85257 (hereinafter "Assignee").

Whereas the Assignor desires to assign his entire right, title and interest in and to the invention described in the provisional patent application States Patent entitled "SYSTEM AND METHOD FOR PRODUCTION OF SYNTHETIC FUEL THROUGH CO₂ CAPTURE AND WATER SPLITTING" Serial No. 62/801,356, filed on February 5, 2019 (hereinafter the "Patent Application") and all patents, patent applications and the like on the invention to Assignee for valuable consideration; and

Whereas Assignee has provided such valuable consideration to the Assignor;

Accordingly, Assignor warrants, covenants and agrees as follows:

- 1. Assignor hereby sells, assigns and conveys to Assignee such Assignor's entire right, title and interest in and to the invention described in the Patent Application, including the Patent Application itself and all substitute, continuation, continuation-in-part and divisional applications based in whole or in part on the Patent Application, and including all patents resulting therefrom and all reissues and extensions thereof, and including any and all rights of priority resulting from the filing of any such applications within the United States.
- 2. Assignor hereby sells, assigns and conveys to Assignee such Assignor's entire right, title and interest in all counterparts to the Patent Application that have been or may be filed outside the United States or under the Patent Cooperation Treaty, whether pursued as a patent, an inventor's certificate, a utility model or the like, including all rights of priority based on the Patent Application, further including all continuation, continuation-in-part and divisional applications based in whole or in part on the non-U.S. counterparts, and still further including all patents, inventor's certificates, utility models, reissues and extensions resulting from any of the non-U.S. counterparts.
- 3. Assignor hereby grants to Assignee the sole and exclusive right to prosecute the Patent Application and all related applications as described in Paragraphs 1 and 2 above, as well as any opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings. Assignor authorizes all governmental bodies having the power to issue patents, inventor's certificates or utility models to issue a patent, inventor's certificate or utility model based on the Patent Application or any related applications as described in Paragraphs 1 and 2 above in the name of Assignee.
- 4. Assignor agrees upon request and without further consideration, but at Assignee's expense: (a) to assist Assignee in prosecuting the Patent Application and all related applications as described in Paragraphs 1 and 2 above, as well as opposition proceedings, reissue

Sheet 1 of 2

ASSIGNMENT Docket No. 11157.035PRO

Title: "System and Method for Production of Synthetic Fuel Through CO₂ Capture and Water Splitting"

U.S. Application No. 62/801,356

applications, reexaminations, and nullity or invalidity proceedings; (b) to provide Assignee with information concerning the Patent Application and the related applications described in Paragraphs 1 and 2 above to enable Assignee to obtain, secure and protect all of the rights, title and interest sold, assigned, conveyed and granted under this Assignment (the "Assigned Assets"); (c) to sign papers, take oaths and testify in legal proceedings to enable Assignee to obtain, secure and protect the Assigned Assets; and (d) to perform all acts reasonably necessary to enable Assignee to obtain, secure and protect the Assigned Assets, including assistance in any proceedings pertaining to the Patent Application and the related applications described in Paragraphs 1 and 2 above or to their enforcement.

- 5. Assignor warrants and covenants that such Assignor has the full right to sell, assign and convey the Assigned Assets, that all of the Assigned Assets are free and clear of all mortgages, liens, security interests, charges, claims, royalty obligations and encumbrances of any nature whatsoever and that the Assignor has not executed and will not execute any agreement in conflict with this Assignment.
- Assignee may assign the Assigned Assets in whole or in part. All references herein to Assignee include any successors or assigns of Assignee.
- Assignor acknowledges that Assignee has paid valuable consideration for the 7. Assigned Assets.

June 10, 2019

Date