507229109 04/12/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEREMY LIU	03/31/2022
JAMES RYAN YATES	03/31/2022

RECEIVING PARTY DATA

Name:	SAPPHIRE TECHNOLOGIES, INC.	
Street Address:	16323 SHOEMAKER AVENUE	
City:	CERRITOS	
State/Country:	CALIFORNIA	
Postal Code:	90703	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17658370

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Email: apsi@fr.com

Correspondent Name: FISH & RICHARDSON PC

Address Line 1: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	52268-0015001	
NAME OF SUBMITTER:	C. JORDAN NEWELL	
SIGNATURE:	/C. Jordan Newell/	
DATE SIGNED:	04/12/2022	

Total Attachments: 3

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PATENT 507229109 REEL: 059577 FRAME: 0146

Attorney Docket No.: 52268-0015001

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>JEREMY LIU</u>, and <u>JAMES RYAN YATES</u>, each individually assign to <u>SAPPHIRE TECHNOLOGIES</u>, <u>INC.</u>, a corporation formed under the laws of <u>Delaware</u> and having a principal place of business at <u>16323 Shoemaker Avenue</u>, <u>Cerritos</u>, <u>CA 90703</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "<u>CAPTURING AND UTILIZING WASTE HEAT IN ELECTRICAL POWER GENERATION</u>," and was or will be filed in the United States Patent and Trademark Office on <u>April 7</u>, 2022 , as application <u>17/658,370</u> (the "Application"). We authorize the insertion of the filing date and application number above.

This Assignment assigns, in addition to the Subject Matter, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

Attorney Docket No.: 52268-0015001

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

	Date: 3/31/22
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Witnessed by:

Print Name:

Signature: Date: 3/31/22

Print Name: Die to Canne in

Signature: Date: 31 March 2022

Attorney Docket No.: 52268-0015001

40	Date: 3/31/22
James Kyan Yates	PROF - 6 (6 to 4 to
Witnessed by:	
Signature:	Date: 3/31/22
Print Name: JEREMY LIU	, ,
Signature: Fany pur Sulfullum	Date: 3/31/2022
Print Name: KAY 91P	
The Assignee hereby acknowledges and accepts the foregoin	g assignment.
Assignee: SAPPHIRE TECHNOLOGIES, INC.	
Signature:	Date: 04/04/7027
Name: FRODDIE SARHAN	
Title: COO	

Assignment Page 3 of 3

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