

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8028370

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAEHEON LEE	06/19/2023
JUNMO AHN	06/20/2023
RECEIVING PARTY DATA	
Name:	ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA
Street Address:	1600 E. IDEA LANE
Internal Address:	SUITE 110
City:	TUCSON
State/Country:	ARIZONA
Postal Code:	85713
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	16976479
Application Number:	62636369
PCT Number:	US1920128
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:	2028102006
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Correspondent Name:	HYLTON-RODIC LAW PLLC
Address Line 1:	700 12TH STREET NW
Address Line 2:	SUITE 700
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	UAZ-0010000
NAME OF SUBMITTER:	KEISHA HYLTON-RODIC
SIGNATURE:	/KEISHA HYLTON-RODIC/
DATE SIGNED:	06/27/2023
Total Attachments: 6	

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**COMBINED DECLARATION AND ASSIGNMENT OF PATENT RIGHTS
FOR UTILITY PATENT AND DESIGN PATENT APPLICATIONS**

DECLARATION

Inventor(s): **Jaheon Lee** 1235 E James E Rogers Way, Tucson, AZ 85721
Junmo Ahn 1235 E James E Rogers Way, Tucson, AZ 85721

As an above-named inventor, I hereby declare that:

This Declaration is directed to the application(s) listed in the table below (hereinafter the “**Patents**”), and any patent application, including all reissues, reexaminations, renewals, extensions, continuations, divisionals, continuations-in-part, 371 applications, continuing prosecution applications, requests for continuing examinations, registrations, additions and substitutions, for which any of the Patents directly or indirectly forms a basis for priority and/or that were co-owned and directly or indirectly incorporate by reference the Patents:

UA Ref. No.	Application No.	Filing Date	Title
UA18-024	16/976,479	2020-08-28	EFFICIENT COPPER LEACHING USING ALKANESULFONIC ACIDS
UA18-024	PCT/US19/20128	2019-02-28	EFFICIENT COPPER LEACHING USING ALKANESULFONIC ACIDS
UA18-024	62/636,369	2018-02-28	EFFICIENT COPPER LEACHING USING ALKANESULFONIC ACIDS

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

Assignee: **Arizona Board of Regents on Behalf of the University of Arizona**, a body corporate duly formed in accordance with Title 15 of the Arizona Revised Statutes, with an address as follows: The University of Arizona, Tech Launch Arizona, 1600 E. Idea Lane, Suite 110, Tucson, AZ 85713.

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventor(s) (hereinafter **Assignor**) hereby agrees to and does sell, assign, transfer, and convey unto Assignee, its successors and assigns, all rights, title, and interests, including the right to priority, that exist today and may exist in the future in and to any and all of the following (collectively, the “**Patent Rights**”):

- (a) all patent applications and/or patents listed in the Patents;
- (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that were co-owned and directly or indirectly incorporate by reference the Patents;
- (c) all reissues, reexaminations, renewals, extensions, continuations, divisionals, continuations-in-part, 371 applications, continuing prosecution applications, requests for continuing examinations, registrations, additions and substitutions of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, but not limited to, Paris Convention applications, PCT applications, their foreign national application counterparts, additions, continuations, and divisionals thereof, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances, including, but not limited to, all rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, and/or any other convention, treaty, agreement, or understanding;
- (e) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories and all other rights arising out of such inventions, invention disclosures, and discoveries, and all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories, including, for past, current, and future infringement.

This Assignment allows Assignee to file applications to the Patent Rights in its own name (but naming the inventor(s)) in all countries of the world (where it is permissible) and the right to claim the benefit of the priority right provided by the Paris Convention or the Patent Cooperation Treaty.

Assignor confirms that, at the time the invention was made, Assignor was obligated to assign, and did assign, and does hereby assign, the invention, including all priority rights and patent and proprietary rights, to Assignee. Assignor warrants having the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Assignment and to carry out the obligations under this Assignment, including the assignment of the Patent Rights to Assignee. Assignor warrants that aside from this Assignment, Assignor has not granted any right or license to make, use or sell the Patent Rights to anyone.

Upon assignment, Assignor also warrants that Assignee has good and marketable title to the Patent Rights, free and clear of all liens, encumbrances, licenses or charges of any nature. Assignor has not executed, and will not execute, any agreement in conflict with this Assignment, except for documents necessary to memorialize or protect the rights, if any, of the U.S. Government in the Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other

governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Further, Assignor hereby authorizes Assignee to sign on behalf of Assignor any necessary documents to advance, perfect, and protect the Patent Rights, if after reasonable due diligence the necessary signature from Assignor cannot be obtained.

The undersigned hereby grant(s) to the attorney of record the power to insert on this Assignment any further identification, including the application number(s) and filing date(s), which may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

This Combined Declaration and Assignment of Patent Rights is hereby executed on the date(s) below.

ASSIGNOR:

Inventor Signature: Leejaecheon / Date: Jun 19, 2023
Leejaecheon (Jun 19, 2023 12:35:48PST)

Printed Name of Inventor: Jaeheon Lee

Inventor Signature: Junmo Ahn / Date: Jun 20, 2023
Junmo Ahn (Jun 20, 2023 10:51:09PST)

Printed Name of Inventor: Junmo Ahn

ASSIGNEE:

Signature: Douglas M Hockstad / Date: Jun 21, 2023

Printed Name: Douglas M. Hockstad

Title: Associate Vice President, Tech Launch Arizona, Arizona Board of Regents on Behalf of the University of Arizona











UA18-024 Combine Declaration and Assignment

Final Audit Report

2023-06-20

Created:	2023-05-25
By:	Ellen Ogley (ellenjogley@arizona.edu)
Status:	Signed
Transaction ID:	CBJCHBCAABAAGz7Hr4F3tUsss1TTxIYPEs-Jx71t7i06

"UA18-024 Combine Declaration and Assignment" History

-  Document created by Ellen Ogley (ellenjogley@arizona.edu)
2023-05-25 - 5:54:09 PM GMT
-  Document emailed to jaeheon@email.arizona.edu for signature
2023-05-25 - 5:55:12 PM GMT
-  Document emailed to jmahn87@email.arizona.edu for signature
2023-05-25 - 5:55:12 PM GMT
-  Email viewed by jaeheon@email.arizona.edu
2023-05-26 - 1:30:02 AM GMT
-  Email viewed by jaeheon@email.arizona.edu
2023-06-12 - 10:41:31 AM GMT
-  Email viewed by jaeheon@email.arizona.edu
2023-06-19 - 6:32:41 PM GMT
-  Signer jaeheon@email.arizona.edu entered name at signing as Leejaeheon
2023-06-19 - 6:35:05 PM GMT
-  Document e-signed by Leejaeheon (jaeheon@email.arizona.edu)
Signature Date: 2023-06-19 - 6:35:07 PM GMT - Time Source: server
-  Email viewed by jmahn87@email.arizona.edu
2023-06-20 - 1:48:16 AM GMT
-  Signer jmahn87@email.arizona.edu entered name at signing as Junmo Ahn
2023-06-20 - 1:51:52 AM GMT

 Document e-signed by Junmo Ahn (jmahn87@email.arizona.edu)

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 Agreement completed.

2023-06-20 - 1:51:54 AM GMT






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Final Audit Report

2023-06-21

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"UA18-024 Combine Declaration and Assignment - signed" History

-  Document created by Ellen Ogley (ellenjogley@arizona.edu)
2023-06-20 - 4:22:17 PM GMT
-  Document emailed to Douglas Hockstad (douglash@arizona.edu) for signature
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-  Email viewed by Douglas Hockstad (douglash@arizona.edu)
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-  Document e-signed by Douglas Hockstad (douglash@arizona.edu)
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-  Agreement completed.
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