

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KANG SUN	03/12/2020
DAVID R. BAUGHMAN	03/12/2020
WAYNE W. HAZEN	03/12/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HAZEN RESEARCH, INC.
<b>Street Address:</b>	4601 INDIANA STREET
<b>City:</b>	GOLDEN
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80403
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15746321
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)863-0223
<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>	
<b>Email:</b>	kkebba@sheridanross.com
<b>Correspondent Name:</b>	SHERIDAN ROSS P.C.
<b>Address Line 1:</b>	1560 BROADWAY SUITE 1200
<b>Address Line 4:</b>	DENVER, COLORADO 80202
<b>ATTORNEY DOCKET NUMBER:</b>	1011-133-PUS
<b>NAME OF SUBMITTER:</b>	TYLER J. BOSCHERT
<b>SIGNATURE:</b>	/Tyler J. Boschert/
<b>DATE SIGNED:</b>	03/23/2020
<b>Total Attachments: 2</b>	
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source=Assignment Update#page2.tif	

## ASSIGNMENT

WHEREAS, I/we, Kang SUN of 7795 West 52<sup>nd</sup> Avenue, Apt. 211, Arvada, Colorado 80002 United States, David R. BAUGHMAN of 15941 West 3<sup>rd</sup> Place, Golden, Colorado 80401 United States, and Wayne W. HAZEN of 11155 Linda Vista Drive, Lakewood, Colorado 80215 United States, have invented a certain new and useful invention entitled "RECOVERY OF RARE EARTHS FROM CONCENTRATES CONTAINING FLUORINE" (hereinafter "Invention") for which an application for Letters Patent of the United States has been prepared and filed on January 19, 2018, receiving Serial No. 15/746,321, and further identified as Attorney File No. 1011-133-pus (hereinafter "Application").

NOW THEREFORE, be it known that I/we, the said inventor(s), for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of HAZEN RESEARCH, INC., (hereinafter "Assignee") having a place of business at 4601 Indiana Street, Golden, Colorado 80403 United States, do sell, assign and transfer unto Assignee, its successors, legal representatives and assigns, the Invention for all territories in the world and any improvements and modifications thereto, the Application, all applications from which the Application claims the benefit of priority, all applications claiming the benefit of priority from the Application, including, but not limited to, all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the Invention in the United States or any other country and the right to sue for past infringement of rights resulting from the Invention, the Application or any patent issuing therefrom; I/we also assign any right, title or interest in and to the Invention which has not already been transferred to Assignee, I/we warrant that I/we have made no assignment of the Invention, Application or patent therefor to a party other than Assignee, and I/we are under no obligation to make any assignment of the Invention, Application, or patent therefor to any other party; and I/we further agree to cooperate with Assignee in the obtaining and sustaining of any and all such Letters Patent and in confirming Assignee's exclusive ownership of the Invention, but at the expense of Assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Assignee, its successors, legal representatives and assigns, as an assignee of an equal, undivided right, title and interest therein.

IN WITNESS WHEREOF, each party hereto has executed this Assignment as of the date indicated hereunder.

Mar. 12, 2020  
Date

Kang Sun  
Kang SUN

3/12/2020  
Date

David R. Baughman  
David R. BAUGHMAN

12 MARCH 2020  
Date

Wayne W. Hazen  
Wayne W. HAZEN