PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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Name	Execution Date
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17096532

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PATENT REEL: 063369 FRAME: 0035

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DATE SIGNED: 04/19/2023

Total Attachments: 2

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> PATENT REEL: 063369 FRAME: 0036

ASSIGNMENT

WHEREAS We, Morteza Enhessari, Ali Salehabadi, Asma Khoobi, Department of Chemistry, Naragh Branch, Islamic Azad University, Naragh, Iran, Environmental Technology Division, School of Industrial Technology, Universiti Sains Malaysia, 11800, Minden, Penang, Malaysia, Department of Chemistry, Faculty of Sciences, University of Sistan and Baluchestan, Zahedan, 98135-674, Iran, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, Serial No. 17/096,532, entitled SYNTHESIS OF MIXED METAL CHALCOGENIDES USING SOLID PHASE METHOD, filed on November 12, 2020, and as set forth in U.S. Provisional Application No. 62/934,003, filed on November 11, 2019;

AND WHEREAS, Morteza Enhessari, Ali Salehabadi, Asma Khoobi, individuals residing in and subject to the laws of the country of IRAN, and having addresses of Department of Chemistry, Naragh Branch, Islamic Azad University, Naragh, Iran, Environmental Technology Division, School of Industrial Technology, Universiti Sains Malaysia, 11800, Minden, Penang, Malaysia, Department of Chemistry, Faculty of Sciences, University of Sistan and Baluchestan, Zahedan, 98135-674, Iran, respectively (hereinafter the "Assignees"), and Naragh branch, Islamic Azad University, a Corporation of the State of Iran and having an address of Naragh Branch, Islamic Azad University, Naragh, Iran, are desirous of acquiring the entire right, title and interest in and to said subject invention, and inventions, improvements and application and in and to the Letters Patent to be obtained therefor in particular percentages, namely Morteza Enhessari is to own 26% of the subject invention, and Ali Salehabadi is to own 12% of the Subject invention, Asma Khoobi is to own 12% of the Subject invention, and Naragh branch, Islamic Azad University is to own 50% of the subject invention;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Naragh branch, Islamic Azad University, Morteza Enhessari, Ali Salehabadi, Asma Khoobi (Assignees), its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned applications, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, post-grant reviews, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignees that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said Assignees, execute such additional assignments and other writings and do such additional acts as said Assignees may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and Assignee;

AND We hereby grant Assignee, its legal representatives, successors and assigns, the power to insert on this instrument any further identification that may be necessary or desirable to comply with the

PATENT REEL: 063369 FRAME: 0037 AND We hereby agree that this Assignment may be executed in two or more counterparts each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignees, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

os April 2023	
Date	Morteza Enhessari
09 April 2023 Date	Ali Salchabadi
10 April 2023	
Date	Asma Khoobi

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RECORDED: 04/19/2023