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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
NORTHWESTERN UNIVERSITY	07/13/2015

RECEIVING PARTY DATA

Name:	National Science Foundation
Street Address:	4201 Wilson Blvd
Internal Address:	Room 1265
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22230

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14548952

CORRESPONDENCE DATA

Fax Number: (703)292-9041

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: nsfpatents@nsf.gov

NATIONAL SCIENCE FOUNDATION Correspondent Name:

Address Line 1: 4201 WILSON BLVD

Address Line 2: **ROOM 1265**

Address Line 4: ARLINGTON, VIRGINIA 22230

NAME OF SUBMITTER:	DANA THIBODEAU
SIGNATURE:	/DMT/
DATE SIGNED:	07/22/2015

Total Attachments: 1 source=1437#page1.tif

> **PATENT** 503403481

REEL: 036159 FRAME: 0736

LICENSE TO THE UNITED STATES GOVERNMENT

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: New Column Technology for the Efficient Capture of Heavy Metals and Precious Metal Ions Inventor(s): Mercouri G Kanatzidis; Debajit Sarma; Emmanouil Manos U.S. Filing/Issue Date: November 20, 2014 Patent or Application Serial No.: 14/548,952 Granti/Contract Number(s): DMR1104965 Foreign Applications filed/Intended in (countries): The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of: 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the Invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application. Signed this 13th day of July, 2015. By Alicia I. Löffler, Ph.D. (Institutional Business Official) (Signature) Title Associate Provost, Associate Vice President for Research, and Executive Director INVO NORTHWESTERN UNIVERSITY (Grantee/Contractor Organization) At 633 Clark Street, Evanston, II. 60208, USA (Business Address)	
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