PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6274196

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
OHIO STATE UNIVERSITY	07/16/2020

RECEIVING PARTY DATA

Name:	UNITED STATES DEPARTMENT OF ENERGY
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State/Country:	D.C.
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11411993

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Total Attachments: 1

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REEL: 053637 FRAME: 0893 506227452

PATENT

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RECORDED: 08/28/2020

Sign and submit the executed document to the appropriate fun	nding agency (e.g. upload in iEdison).
Invention Title: Multi-stage Catalyst Systems as	nd Uses Thereof
Inventor(s): Matthew M Yung, Umit S Ozkan, Eri	ik M Holmgreen, MATTHEW M. YUNG, ERIK M.
HOLMGREEN, UMIT OZKAN	
U.S. Filing/Issue Date: 04/26/2006	
Patent or Application Serial No.: 11/411, 993	
Grant/Contract Number(s): DE-FC26-02NT41610	
Foreign Applications filed/intended in (countries):	
	der 35 U.S.C. 200, et seq. , and the Standard Patent Rights clause (if applicable) which are included among the terms of the above es Government. This document is confirmatory of:
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The Government is hereby granted an irrevocable po application.	ower to inspect and make copies of the above-identified patent
Signed this 16th day of July	, 20 <u>20</u> .
By John Cocumelli	, 20 <u>20 </u>
(Institutional Business Official)	(Signature)
Title Sr IP and Grants Compliance Officer	
For OHIO STATE UNIVERSITY	
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PATENT REEL: 053637 FRAME: 0894