423-229-1239

,		Fax: (571) 273-0140
Docket No: 80621 US02 Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6)	PATENTS	ONLY U.S. Patent and Trademark Office
To the Honorable Col	nmissioner of Patents and Trademarks: Pi	ease record the attached original document(s) or copy thereof.
Name of conveying pa Liu, Yun-Shan Rodgers, Jody Lee		2. Name and address of receiving party(les) Eastman Chemical Company P.O. Box 511 Kingsport, TN 37662 U.S.A.
3. Nature of conveyance Assignment Security Agreeme Other Execution Date(s): Deci	☐ Merger nt ☐ Change of Name	
		Additional name(s) & address(es) attached? Yes No
A. Patent Application 12/330,038	ng filed together with a new application.(s) Additional numbers attated party to whom correspondence should be mailed: Ivey I Company 7662 198 9	B. Patent No.(s) ached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account Number: 05-0221 (Attach duplicate copy of this page: If paying by deposit account)
		THIS SPACE
is a true copy of the d	wledge and belief, the foregoing int riginal document.	formation is true and correct and any attached copy
William K. McG		ignature Date
Name	Total number of pages including cover	sheet, attachments, and documents: 3

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PATENT

ASSIGNMENT

For good and valuable consideration received, I/we Yun-Shan Liu and Jody Lee Rodgers do hereby sell and assign to Eastman Chemical Company, a Delaware corporation having a place of business at Kingsport, Tennessee, its successors and assigns, the entire right, title, interest and priority rights in and to all of my/our inventions, discoveries and improvements disclosed in an application for Letters Patent for

PHOSPHONITE CONTAINING CATALYSTS FOR HYDROFORMYLATION PROCESSES

executed by	Yılın-Shan Liu	the	llth_ day of	December	2008
executed by	Judy Lee Rodgers	the	17th day of	December	2008

and all right, title and interest in and to Letters Patent and similar protective rights granted on said applications in the United States and other countries, as well as the right to claim any applicable priority ights arising from said applications under the terms of any applicable conventions, treatiles, statutes or regulations, said applications to be filed and issued in the name of Eastman Chemical Company or its designee; and I/we agree to execute such documents as in the judgment of Eastman Chemical Company may be necessary to obtain any such patents and similar protective rights and vest and maintain the title thereto in Eastman Chemical Comparty or its designee; and I/we further agree that, upon request, but without expense to me/us. I/we shall furnish to Eastman Chemical Company or its designee any data, information, exhibas, memoranda, or other evidence in our possession relating to any of said inventions, discov∳ries or improvements and to testify in any ex parte or inter partes legal proceedings relating to any of said inventions, discoveries, improvements, applications, patents or similar protective rights; and I/we authorize and request issuance of all Letters Patent and similar protective ights that may be granted on any of said applications, to the extent that and in such manner as such issuance shall be requested by Eastman Chemical Company or its designee. This decument shall be governed, construed, and interpreted in all respects in accordance with the laws of the State of Tennessee, USA.

> PATENT REEL: 022075 FRAME: 0106

Docket: 80621 U	S ₀₂ PATENT
Signed this	day of December , 2008 Juneh Liu
CERTIFICATE OF V	vas personally present and did see the above-named inventor, who is personally
known to me, duly e	ecute the above assignment on the date therein set forth.
(Type or Print Name	bf Witness) (Signature of Witness)
(Type of Time realine	
78 Blackst	PI., The Woodlands. Tx 77382
(Address of Witness	10
CERTIFICATE OF N I acknowledge that i known to me, duly e	was personally present and did see the above-named inventor, who is personally ecute the above assignment on the date therein set forth.
Yuntan Li	of Witness) (Signature of Witness)
(Type or Print Name	of Witness) (Signature of Witness)
Botho	Y Bend Cir., The woodlands, TX 77382
(Address of Witness	FI DAME OF
Signed this 17th	day of <u>December</u> , 2008 Joby Lee Rodgers;
known to me, duly	was personally present and did see the above-named inventor, who is personally secute the above assignment on the date therein set forth.
Damon Ray B:\ (Type or PrintName	of Witness) (Signature of Witness)
Bridgers (Address of Witness	Hill Rd Longview TX 151004
CERTIFICATE OF I acknowledge that	was personally present and did see the above-named inventor, who is personally
	xecute the above assignment on the date therein set forth.
Xiaopeng Sh (Type or Print Nam	of Witness) (Signature of Witness)
,	g ·
1400 H.G. 1	orley PKWY, Apt # 954, Longview, 7× 75604
(Address of Witnes	78/ E

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PATENT REEL: 022075 FRAME: 0107