Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Simon J. Hamper	05/02/2000
William M. Castor	05/02/2000
Richard A. Pierce	05/03/2000

RECEIVING PARTY DATA

Name:	The Dow Chemical Company
Street Address:	2030 Dow Center
City:	Midland
State/Country:	MICHIGAN
Postal Code:	48674

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	60179690
Application Number:	10181106

CORRESPONDENCE DATA

Fax Number: (989)636-3237

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 989-636-1954
Email: CSRohde@dow.com

Correspondent Name: Crystal Rohde

Address Line 1: The Dow Chemical Company
Address Line 2: 1790 Building; Washington Street
Address Line 4: Midland, MICHIGAN 48674

NAME OF SUBMITTER: Crystal S. Rohde

Total Attachments: 2 source=Dow#page1.tif

PATENT REEL: 016451 FRAME: 0782

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PATENT REEL: 016451 FRAME: 0783 FORM 110 (R 5/97)

Assignment 110 is in the ENGLISH language and less the same meaning in other languages with the same 110 number and R/Data

Docket Ref. 60496

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

INTEGRATED PROCESS FOR PRODUCING STYRENE FROM BENZENE AND ETHANE

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below iny/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 United States of America

		mized and existing under the laws of the State	e of DELAWARE, U.S.A.			
	(hereinafter referred to as the "Assignee");					
my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make a						
	including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or					
	nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, a					
			ernational Convention(s) and Treaties in the name of Assignee, and			
	do hereby authorize Assignee or its designee to insert here the					
	Application No	60/179,690	Filing Date February 2, 2000			
		nited States of America				
	of the application,	on which the claim for priority will be based;	and in and to any Letters Patent that may be issued for the			
			Assignee in the prosecution of the application(s) and in any			
			volving the invention or the patent or patents thereon, and to			
	execute for any an	d all countries any document relating to applic	ations derived from, corresponding to or equivalent to the above			
			by authorize Assignee or its designee (or nominee(s)) to insert here			
	any corresponding	g equivalent	1.1. 11. 2002			
	Application No.	10/181,106 Filing I	Date July 11, 2002			
	in country	the United States of Am	erica			
	to the above Prior	<u>ity application of any</u> country wh <u>ere that cour</u>	<u>nry's patem property must be identified and entered hereinabove</u>			
	for recordal of thi	<i>s Assignment</i> . I/we authorize Assignee or its d	esignee to translate this Assignment into all languages necessary:			
	and we request the	it any such Letters Patent be issued to Assigned	r; and consent to the recordal of this Assignment, or a Notarial True			
			lower to make the same, but also that such assigned rights are not			
	encumbered by an	y grant, license, or other right heretofore given				
a						
Subscribed	I and Declared by in	e/us:				
	Γ					
		Not the group of the factor	AL MODERING HIT 6254			
	thus day		this 2 day of 1914 , 20 00			
	Effective as of	February 2, 2000	Effective as of February 2, 2000			
	•		13 1			
	Signature:		Signature: William VI. Vaita			
	Full Name:	Simon J. Hamper	Full Name: William M. Castor			
	Residence:	304 Crocus Street	Residence: 301 Arrow Wood			
		Lake Jackson, Texas 77566	Lake Jackson, Texas 77566			
	Country:	United States of America	Country: United States of America			
	Citizenship:	United Kingdom	Citizenship: United States of America			
	P. O. Address:	Same as Residence	P. O. Address: Same as Residence			
	Employed By:	The Dow Chemical Company	Employed By: The Dow Chemical Company			
	Of Country:	United States of America	Of Country: United States of America			
	At: 100	1	At:			
	this da					
		February 2, 2000	this day of			
	Effective as or	remainy 2, 2000				
	C:					
	Signature:	District A. Discours	Signature:			
	Full Name:	Richard A. Pierce	Full Name:			
	Residence:	119 Flag Drive E.	Residence:			
		Lake Jackson, Texas 77566				
	Country:	United States of America	Country:			
	Citizenship:	United States of America	Citizenship:			

P. O. Address:

Employed By:

Of Country

Same as Residence

Additional names and signatures are attached.

United States of America

The Dow Chemical Company

Same as Residence

P. O. Address:

Employed By:

Of Country:

FORM 222

Docket Ref. 60496

NOTARIAL	CERTIFICATE	(INDIVIDUAL)
** C * * * * * * * * * * * * * * * * *		TELINITA EL TELIMONE.

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland))		
On this day of		, 20 $\angle L$ _, personally appeare	d
known or identified to me to be foregoing document and acknow purposes therein expressed.	Simon J. I the individual d vledged the sam	Hamper lescribed in and who executed the ie as a free act and deed for uses and	
SEAL.		Notary Public RESECCA S STATEM STARTS AND STARTS A	
NOTARIAI	. CERTIFICA	TE (INDIVIDUAL)	
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland)) SS)		
On this 2 and day of 1 4 before me,		, 20 <u>/ (</u> , personally appeare	d
known or identified to me to be to foregoing document and acknow purposes therein expressed.	William M he individual de dedged the same	l. Castor escribed in and who executed the e as a free act and deed for uses and	
SEAL		RAME A TIMER	
NOTARIAL	CERTIFICA	TE (INDIVIDUAL)	
UNITED STATES OF AMERICA STATE OF TEXAS County/Parish of Brazoria)) SS)		
On this day of before me,	<u> </u>	, 20, personally appeared	ı
known or identified to me to be t foregoing document and acknow purposes therein expressed.	Richard A. he individual de ledged the same	Pierce escribed in and who executed the east a free act and deed for uses and	
01141		·	
JANICE K. ALVERSON Motary Public, State of Toxan		Notary Public	

PATENT REEL: 016451 FRAME: 0785

RECORDED: 08/25/2005