Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008) 04 - 30	-2007	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
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To the Director of the U.S. Patent a 10340	0280	locuments or the new address(es) below.	
1. Name of conveying party(ies)		dress of receiving party(ies)	
Evert VAN DER HEIDEMarch 14, 2007	Name: Shell Oil Co	ompany	
Timothy Michael NisbetMarch 14, 2007 Garo Garbis VaporciyanApril 3, 2007	Internal Address	: Intellectual Property	
Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s):	Street Address:	910 Louisiana	
Execution Date(s) March 14, 2007 & April 3, 2007			
Assignment Merger			
Security Agreement Change of Name	City: Houston		
Joint Research Agreement	State: Texas		
Government Interest Assignment	Country: USA	Zip:77002	
Executive Order 9424, Confirmatory License	•		
Other) & address(es) attached? Yes No	
4. Application or patent number(s): A. Patent Application No.(s) 11/678008	B. Patent No	AAROE S	
Additional numbers at			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number involved: 1	of applications and patents	
Name: Shell Oil Company	7. Total fee (37	CFR 1.21(h) & 3.41) \$_40.00	
Internal Address: Intellectual Property	Authorized t	to be charged by credit card	
Street Address: 910 Louisiana	Enclosed	to be charged to deposit account ed (government interest not affecting title)	
City: Houston	8. Payment Info		
State: Texas Zip:77002	a. Credit Card	Last 4 NumbersExpiration Date	
Phone Number:(713) 241-2475	b. Deposit Ac	count Number 19-1800	
Fax Number: <u>(713) 241-6617</u>	(User Name A. Evette Matute	
Email Address: craig.lundell@shell.com	1	1/ 35 27	
9. Signature: M. Lundell		<i>9-20-07</i> Date	
Signature Craig M. Lundell	To	otal number of pages including cover heet, attachments, and documents:	
(D Cigning			
Name of Person Signing Name o			

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11678008 00000089, 191800 04/27/2007 DBYRNE 40.00 DA 01 FC:8021

ASSIGNMENT

WHEREAS I/we, Evert VAN DER HEIDE, Timothy Michael NISBET and Garo Garbis VAPORCIYAN

have invented a certain improvement in PROCESS FOR THE PRODUCTION OF DIALKYL CARBONATE AND ALKANEDIOL

WHEREAS I/we have executed an application for Letters Patent in the United States in connection with this invention.

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, is desirous of acquiring all rights to this invention in the United States:

NOW THEREFORE for valuable consideration received, I/we hereby assign to SHELL OIL COMPANY, its successors and assigns, all rights to this invention in the United States of America, including all rights in the above-mentioned application and any patent which may be issued thereon in the United States and any other application which may be filed or patent which may be issued in the United States.

AND I/we hereby agree that I/we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment into effect and perfect the title transferred hereby to prosecute the above-mentioned application.

AND the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent of said application to the Assignee.

Date	Witnesses:
Evert VAN DER HEIDE	(Witness 1) Beck Millians
Date 7. L. Norby	(Witness 2)
Timothy Michael NISBET	(Witness 1)
Date 14 March 2007	(Witness 2)
Garo Garbis VAPORCIYAN	(Witness 1)
Date	(Witness 2)

PATENT REEL: 019233 FRAME: 0893

ASSIGNMENT

WHEREAS we, Evert Van Der Heide, Timothy Michael Nisbet and Garo Garbis Vaporciyan have invented a certain improvement in Process for the Production of Dialkyl Carbonate and Alkandediol

WHEREAS we have executed an application for Letters Patent in the United States in connection with this invention.

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, is desirous of acquiring all rights to this invention in the United States:

NOW THEREFORE for valuable consideration received, we hereby assign to SHELL OIL COMPANY, its successors and assigns, all rights to this invention in the United States of America, including all rights in the above-mentioned application and any patent which may be issued thereon in the United States and any other application which may be filed or patent which may be issued in the United States.

AND we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment into effect and perfect the title transferred hereby to prosecute the above-mentioned application.

AND the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent of said application to the Assignee.

EVERT VAN DER HEIDE	(Witness)
Date	(Witness)
TIMOTHY MICHAEL NISBET	(Witness)
Date Javan Valor GARO GARBIS VAPORCIYAN	(Witness) (Witness) Deed Delunton
April 3/07 Date	(Witness)

ASSIGN.DOT

PATENT REEL: 019233 FRAME: 0894