Fax: (703) 306-5995

Docket No: 80270 Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)  To the Henerally Commissioner of Patents and Trademarks: R	ONLY U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: P  1. Name of conveying party(ies):  Wonders, Alan George Lavoie, Gino Georges Sumner, Charles Edwan, Jr. Davenport, Bryan Wayne de Vreede, Marcel Tennant, Brent Alan Additional name(s) of conveying party(ies) attached? ☑ Yes ☐ No  3. Nature of conveyance:	ease record the attached original document(s) or copy thereof.  2. Name and address of receiving party(ies)  Eastman Chemical Company P.O. Box 511  Kingsport, TN 37662 U.S.A.
Execution Date(s): June 14, 2005 July 12, 2005  June 23, 2005 August 4, 2005  June 27, 2005	Additional name(s) & address(es) attached? ☐ Yes  ☑ No
<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new applica</li> <li>A. Patent Application No.(s)</li> <li>11/154,163</li> </ol>	tion, the execution date of the application is:  B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:  Steven A. Owen Eastman Chemical Company P.O. Box 511 Kingsport, TN 37662  Phone: (423) 229-5534 Fax: (423) 229-1239 Reg. No: 50,355	6. Total number of applications and patents involved:   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)
DO NOT USE	THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing inferis a true copy of the original document.  Steven A. Owen	ormation is true and correct and any attached copy    A
	th the required cover sheet information to:

Mail (or Fax) documents to be recorded with the required cover sheet information to Mail Ston Assignment Recordation Services.

Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office P. O. Box 1450, Alexandria, VA 22313-1450 Docket: 80270

PATENT

## ASSIGNMENT

For good and valuable consideration received, I/we, Alan George Wonders, Gino Georges Lavoie, Charles Edwan Sumner, Jr., Bryan Wayne Davenport, Marcel de Vreede, and Brent Alan Tennant, 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

## OPTIMIZED LIQUID-PHASE OXIDATION

executed by	Alan George Wonders	the 14 day of June 2005
executed by	Gino Georges Lavoie	the 23 day of June 2005
executed by	Charles Edwan Sumner, Jr.	the 14 day of <u>Scene</u> 2005
executed by	Bryan Wayne Davenport	_ the _/ day of 2005
executed by	Marcel de Vreede	the 4 day of August 2005
executed by	Brent Alan Tennant	_ the <u>77</u> day of <u>Jue</u> 2005

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 rights arising from said applications under the terms of any applicable conventions, treaties, 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 Company 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, exhibits, memoranda, or other evidence in our possession relating to any of said inventions, discoveries 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 rights 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 document shall be governed, construed, and interpreted in all respects in accordance with the laws of the State of Tennessee, USA.

> PATENT REEL: 016635 FRAME: 0288

PATENT

Docket: 80270
Signed this /4 day of June, 2005  Alan George Wonders
CERTIFICATE OF WITNESS  I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.  Jodi Owenby  (Type or Print Name of Witness)  CERTIFICATE OF WITNESS  I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.  HOLLIAM  (Type or Print Name of Witness)  (Signature of Witness)  (Signature of Witness)  (Signature of Witness)
Gino Georges Lavois
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.    Romald B. Sheppard (Signature of Witness) (Signature of Witness) (Signature of Witness)
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.  PHILIP E GIBSON (Signature of Witness)  (Signature of Witness)  2244 CHARSLEY ROAD, KINGSPORE, TN 37660  (Address of Witness)

**PATENT** 

Docket: 80270 PATENT
Signed this 14 day of June, 2005  Charles Edwan Sumner, Jr.
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.  WISH HULF (Type or Print Name of Witness)  (Signature of Witness)  (Address of Witness)
CERTIFICATE OF WITNESS  I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.  Odi Owendy (Type or Print Name of Witness)  (Signature of Witness)  (Signature of Witness)
Signed this 12 day of July , 2005  Bryan Wayne Davenport
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.  Sham Pohick Yearn (Signature of Witness)  Top Hanfield In Lekington, SC 29072  (Address of Witness)
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.  (Type or Print Name of Witness)  (Signature of Witness)

Signed this
Tacknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.    Condition   Condit
I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.    Fram Shares
Brent Alan Tennant  CERTIFICATE OF WITNESS  I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set-forth.
I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set-forth.
(Type or Print Name of Witness)  (Signature of Witness)  (Address of Witness)
(Address of Witness)  CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.  Compared the description of Witness (Signature of Witness)  The Compared the description of Witness (Signature of Witness)

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PATENT REEL: 016635 FRAME: 0291