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Form P (Rev. 0	et No: 80040 US06 *TO-1595 8/05) No. 0651-0027 (exp. 6/30/2008)	RECORDATION FORM PATENTS		U.S. DEFARTMENT OF COMMERCE U.S. Patent and Trademark Office
· · · · · · · · · · · · · · · · · · ·	To the Honorable Commissioner	of Patents and Trademarks: P	lease record the attached	original document(s) or copy thereof.
Ja Si Ho	ame of conveying party(ies): Inka, Mesfin Ejerssa Immer, Charles Edwan, Jr Ioward, Adam Scott Iarker, Kenny Randolph	-		ss of receiving party(les) mical Cornpany 37662
3. N		Merger Change of Name 12 12	Additional name(s)	& address(εs) attached? ☐ Yes ☑ No
Iff	oplication number(s) or patent of this document is being filed too Patent Application No.(s)	gether with a new applica	B. Patent No.(s)	te of the application is:
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Si Ei P	ame and address of party to whenceming document should be teven A. Owen astman Chemical Compan.O. Box 511 ingsport, TN 37662	mailed:	7. Total fee (37 CFF Enclosed	applications and patents involved: 1 3.41)\$ 40.00 be charged to deposit account
Pt	none: (423) 229-5534		8. Deposit account	Number:
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To	atement and signature. If the best of my knowledge and a true copy of the original docu- Steven A. Owen Name	iment	<u>J. Jan</u> gnature	
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ASSIGNMENT

For good and valuable consideration received, I/we, Mesfin Ejerssa Janka, Charles Edwan Sumner, Jr., Adam Scott Howard, and Kenny Randolph Parker, 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

CARBOXYLIC ACID PRODUCTION PROCESS EMPLOYING SCLVENT FROM ESTERIFICATION OF LIGNOCELLULOSIC MATERIAL

executed by	Mesfin Ejerssa Janka	the	<u>23</u>	day of	August	2012
executed by	Charles Edwan Sumner, Jr.	the	23_	day of	August	2012
executed by	Adam Scott Howard	the	23	day of	AUGUST	2012
executed by	Kenny Randolph Parker	the	23	day of	August	2012

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

PATENT REEL: 028849 FRAME: 0103 Signed this 23 day of August

Docket: 80040 US06 PATENT

designee. This document shall be governed, construed, and interpreted in all respects in accordance with the laws of the State of Tennessee, USA.

Mesfin Eierssa Janka **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. (ebecca (Signature of Witness) (Type or Print Name of Witness) Rd. Nickelsuille, UA 2427) (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) (Address of Witness) Signed this 23 day of Acques

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. becca (Signature of Witness) (Type or Print Name of Witness) Nickelsville (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. Address of Witness

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PATENT

REEL: 028849 FRAME: 0104

Docket: 80040 US06 PATENT

Signed this 23 day of August 2012

Adam Scott Howard

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. Rebecca White Release White (Type or Print Name of Witness) (Signature of Witness) 1133 Big Macasin Rd., Nickelsville, VA 2427
(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. Jodi McGlothlin Jodi McGlothlin (Signature of Witness) (Signature of Witness) (Signature of Witness) (Address of Witness) (Signature of Witness) (Address of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Signature of Witness) (Sig
Signed this 23 day of August, 2012 Kenny Randolph Farker
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. Rebecco White (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. Od: MCGlothin Greeneville, TN 37745 (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. (Signature of Witness)

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RECORDED: 08/27/2012