Patent and Trademark Office

TΛ	the Honoroble Commissioner of Patents and Trademarks	18(1) 6(1) (18) 1891 1891 1891 1891	r copy thereof.
10	OFFICE OF BUILDING TO 1 100 110 110 110 110 110 110 110 110	062747	
	Name of conveying party(ies):  Steven Thomas Perri - March 1, 2002  Jeffery Earl Grant Powell - March 1, 2002  Brendan William Boyd - March 1, 2002  Bhaskar Krishna Arumugam - March 1, 2002  Nick Allen Collins - March 1, 2002  Michael Roy Cushman - March 23, 2002  Additional name(s) of conveying party(ies) attached?   Yes   No  Nature of conveyance:  Assignment (2 originals)   Merger  Security Agreement   Change of Name	Name: THE EASTN Internal Address: Street Address: 100 K U	f receiving party(ies):  MAN CHEMICAL COMPANY  North Eastman Road ingsport, Tennessee 37660 inited States of America eceiving party(ies) attached?  Yes  No
	Execution Date: see next to each conveying party's name		
4.	Application number(s) or registration number(s)  If this document is being filed together with a new application, the execution  A. U.S. Patent Application Serial No(s). 10/036,912, filed I	December 21, 2001	
	Additional numbers attached	I: LI TES LA NO	
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of app	olications and registrations involved: 1
	Cynthia B. Rothschild, Esq. Kilpatrick Stockton LLP 1001 West Fourth Street Winston-Salem, North Carolina 27101	7. Total fee (37 CFR 3  ☑ Enclosed – Chec ☑ Authorized any c  8. Deposit account num	ck #46725 deficiencies to be charged to deposit account
	DO NOT USE THI	S SPACE	
9.	Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and Cynthia B. Rothschild  Name of Person Signing  Signature  Total number of pages including Do not detach this	correct and any attached eg. No. 47040 ing cover sheet: 19	copy is a true copy of the original document
	Mail documents to be recorded with required cover sheet information to:  Assistant Commissioner for Patents Box Assignment Washington, D.C. 20231		

32887-268168 WINLIB01:942107.1 d4/19/2002 GTDH11 00000069 10036912 01 FC:581 40.00 00

Docket: 71511

PATENT
Page 1 of 9

For: ☑ U.S. and/or ☑ Foreign Rights

For: ⊠ U.S. Application
For: ⊠ PCT Application
By: Multiple Inventors

# ASSIGNMENT OF INVENTION (MUTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to each ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

### ASSIGNORS (inventors):

Steven Thomas Perri	180 Pepper Tree Drive, Kingsport, TN 37664	USA_
		Nationality
Michael Roy Cushman	73-4460 Queen Kaahumanu, Kailua-Kona, H Address	l 96740 USA Nationality
Jeffery Earl Grant Powell	212 Lester Road, Blountville, TN 37617 Address	USA Nationality
Brendan William Boyd	703 East Unaka Avenue, #2, Johnson City, T Address	N 37601 USA Nationality
Bhaskar Krishna Arumugam	3909 Lake Valley Court, Kingsport, TN 37664 Address	lndia Nationality
Nick Allen Collins	746 West Campground Road, Fall Branch, T Address	N 37656 USA Nationality
do hereby sell and assign to		

#### **ASSIGNEE:**

Eastman Chemical Company, a Delaware corporation having a place of business at 100 North Eastman Road, Kingsport, Tennessee 37660, United States of America, its successors and assigns, the entire right, title, interest and priority rights in and to all of my/our inventions,

 Attorney's Docket No.
 32887-268168
 PATENT

 Docket:
 71511
 Page 2 of 9

discoveries and improvements disclosed in an application for Letters Patent titled: IMPROVED PROCESS FOR PRODUCING ASCORBIC ACID, which is found in:

(a)	$\boxtimes$	U.S. patent application serial no. <u>10/036,912</u> filed on <u>December 21, 2001</u>
(b)	$\boxtimes$	U.S. provisional patent application serial no. 60/257,991 filed on December 22, 2000
(c)		U.S. provisional patent application serial no. <u>60/314,999</u> filed on August <u>24, 2001</u>
(d)	$\boxtimes$	International application no. <u>Unassigned</u> filed on <u>December 21, 2001</u>
(d)		and any legal equivalent thereof in a foreign country, including the right to

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 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 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 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.

PATENT Docket: 71511 Page 3 of 9

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

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<b>Attorney's Docket No.</b> <u>32887-268</u> Docket: 71511	168 <b>PATENT</b> Page 4 of 9
Double. Trott	r age + or o
Signed this 1st day of March	, 2002
	Steven Thomas Perri
NOTARIZATION OR L	EGALIZATION ACCOMPANYING ASSIGNMENT
NOTE: Executing this page is not required for ass	signment and is only prima facie evidence of execution. 35 USC 261.
Details of Country	USA
and place of signing of assignment	Kingsport, Sannessee
	Suddivan Co.
Before me this 151 day of March	$\underline{}$ 2002, STEVEN THOMAS PERRI personally appeared the
following above named individual, to me	known to be the person who is described in and who executed the
foregoing assignment instrument and ack	nowledged to me that
pa he □ she	·

(CONTINUED ON NEXT PAGE)

States of America

Notary Public or Consular Officer of the United

his her

own free will for the purpose therein expressed.

executed the same of

Docket: 71511		Page 5 of 9
Signed this da	ay of	, 2002
		Michael Roy Cushman
NOT	ARIZATION OR	LEGALIZATION ACCOMPANYING ASSIGNMENT
NOTE: Executing this page	e is not required for	assignment and is only prima facie evidence of execution. 35 USC 261.
Details of Country		
and place of signing of a	assignment	
Before me this	_ day of	2002, MICHAEL ROY CUSHMAN personally appeared the
following above named	individual, to m	e known to be the person who is described in and who executed the
foregoing assignment in	istrument and a	cknowledged to me that
□ he	☐ she	
executed the same of	☐ his ☐ her	
own free will for the purp	pose therein exp	pressed.
r ·· ,		

Notary Public or Consular Officer of the United

States of America

Attorney's Docket No. 32887-268168

PATENT REEL: 012799 FRAME: 0006

<b>Attorney's Docket No.</b> <u>32887-268168</u> Docket: 71511	<i>PATENT</i> Page 6 of 9
Signed this day of, 2002  Jeffery Earl Grant Powell	
NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT	
NOTE: Executing this page is not required for assignment and is only prima facie evidence of execution. 35 USC	261.
Details of Country	
and place of signing of assignment  Kunchport, Jannessee  Sudlivan Co	
Before me this 154 day of Mach 2002, JEFFREY EARL GRANT POWE	ELL personally
appeared the following above named individual, to me known to be the person who is descr	ribed in and who
executed the foregoing assignment instrument and acknowledged to me that	
he she executed the same of his her	
own free will for the purpose therein expressed.	
Notary Public or Consular Officer of the United	

(CONTINUED ON NEXT PAGE)

States of America

Attorney's Docket No. 32887-268168

Docket: 71511

Signed this 1 day of March, 2002

Agrindan William Byd

Brendan William Boyd

## NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for ass	signment and is only prima facie evidence of execution. 35 USC 261.
Details of Country	USA
and place of signing of assignment	Kingport Dennessee Sullian Co.
Before me this \\ \S\ \ day of \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2002, BRENDAN WILLIAM BOYD personally appeared the
following above named individual, to me l	known to be the person who is described in and who executed the
foregoing assignment instrument and ack	nowledged to me that
he	
own free will for the purpose therein expre	essed.
	Notary Public or Consular Officer of the United States of America

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PATENT REEL: 012799 FRAME: 0008

**PATENT** Page 7 of 9

Attorney's Docket No. <u>32887-268168</u> Docket: 71511	<i>PATENT</i> Page 8 of 9
Signed this 4th day of March, 2002  Bhaskar Krishna Arui	<del>.</del> mugam
NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGN	IMENT
NOTE: Executing this page is not required for assignment and is only prima facie evidence of execut.	ion. 35 USC 261.
Details of Country	
and place of signing of assignment  Kingpot, January Co.	0000
Before me this 44 day of Mach 2002, BHASKAR KRISHNA AI	RUMUGAM personally
appeared the following above named individual, to me known to be the person wh	o is described in and who
executed the foregoing assignment instrument and acknowledged to me that	
he she executed the same of his her	
own free will for the purpose therein expressed.	

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States of America

Notary Public or Consular Officer of the United

Attorney's Docket No. 32887-268168  Docket: 71511	<b>PATENT</b> Page 9 of 9
Signed this day ofMarch	
	Nick Allen Collins
NOTARIZATION OR LEGALIZA	TION ACCOMPANYING ASSIGNMENT

32887-268168 WINLIB01:934651.1

Docket: 71511

PATENT
Page 1 of 9

For: ☑ U.S. and/or ☑ Foreign Rights

For: ☑ U.S. Application
For: ☑ PCT Application
By: Multiple Inventors

## **ASSIGNMENT OF INVENTION (MUTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to each ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

# ASSIGNORS (inventors):

Steven Thomas Perri  Michael Roy Cushman	180 Pepper Tree Drive, Kingsport, TN 37664 Address 2068 RIJER BASIN TERRACE PUNTA GORDA FL 33 (FL 73-4460 Queen Kaahumanu, Kailua-Kona, H Address	Nationality  MC
Jeffery Earl Grant Powell	212 Lester Road, Blountville, TN 37617 Address	USA Nationality
Brendan William Boyd	703 East Unaka Avenue, #2, Johnson City, 7 Address	N 37601 USA Nationality
Bhaskar Krishna Arumugam	3909 Lake Valley Court, Kingsport, TN 37664 Address	lndia Nationality
Nick Allen Collins	746 West Campground Road, Fall Branch, T Address	N 37656 USA Nationality
do hereby sell and assign to		

#### **ASSIGNEE:**

Eastman Chemical Company, a Delaware corporation having a place of business at 100 North Eastman Road, Kingsport, Tennessee 37660, United States of America, its successors and assigns, the entire right, title, interest and priority rights in and to all of my/our inventions,

 Attorney's Docket No.
 32887-268168
 PATENT

 Docket:
 71511
 Page 2 of 9

discoveries and improvements disclosed in an application for Letters Patent titled: IMPROVED PROCESS FOR PRODUCING ASCORBIC ACID, which is found in:

(a)		U.S. patent application serial no. 10/036,912 filed on December 21, 2001  via Express mail label no.: EL 894 955 876 US
(b)	$\boxtimes$	U.S. provisional patent application serial no. 60/257,991 filed on December 22, 2000  via Express mail label no.: ET 029 515 546 US
(c)	$\boxtimes$	U.S. provisional patent application serial no. <u>60/314,999</u> filed on <u>August 24, 2001</u> ☑ via Express mail label no. <u>EL 894 955 292 US</u>
(d)	$\boxtimes$	International application no. <u>Unassigned</u> filed on <u>December 21, 2001</u>
(d) claim priority		and any legal equivalent thereof in a foreign country, including the right to

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 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 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 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.

Docket: 71511

PATENT Page 3 of 9

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

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Docket: 71511			Page 4 of 9
Signed this da	ay of	, 2002	
		Steven Thomas Perri	
NOT	TARIZATION OR L	EGALIZATION ACCOMPANYING ASSIGNMENT	
NOTE: Executing this page	e is not required for as	ssignment and is only prima facie evidence of execution. 35 USC	261.
Details of Country			
and place of signing of	assignment		
Before me this	day of	2002, STEVEN THOMAS PERRI personall	y appeared the
following above named	l individual, to me	known to be the person who is described in and w	ho executed the
foregoing assignment in	nstrument and acl	knowledged to me that	
☐ he	□ she		
executed the same of	☐ his ☐ her		
own free will for the pur	pose therein expr	ressed.	
		Notary Public or Consular Officer of the United States of America	

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PATENT REEL: 012799 FRAME: 0014

Docket: 71511

7-268168 *PATENT* Page 5 of 9

Signed this 23<sup>nd</sup> day of MARCH, 2002

Michael Roy Cushman

#### NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page	e is not requ	ired for assignment and is only prima facie evidence of execution. 35 USC 261.		
Details of Country		Charlotte Country		
and place of signing of	assignme			
		5179 Duncan Rd.		
		Punta Coorday FT. 33982		
Refore me this $\sqrt{29}^4$	th day of	March 2002, MICHAEL ROY CUSHMAN personally appeared the		
•		il, to me known to be the person who is described in and who executed the		
foregoing assignment instrument and acknowledged to me that				
⊠L he		she		
executed the same of	☐ his	□ her		
own free will for the purpose therein expressed.				
audial Rabula				
Notary Public or Consular Officer of the United States of America				
		States of America		



Signed this da	y of	, 2002
		Jeffery Earl Grant Powell
NOT	ARIZATIO	OR LEGALIZATION ACCOMPANYING ASSIGNMENT
NOTE: Executing this page	e is not requ	ed for assignment and is only prima facie evidence of execution. 35 USC 261.
Details of Country		
and place of signing of a	assignme	
appeared the following	above na	2002, JEFFREY EARL GRANT POWELL personally ned individual, to me known to be the person who is described in and who t instrument and acknowledged to me that
□ he		he
executed the same of	☐ his	] her
own free will for the pur	pose there	
		Notary Public or Consular Officer of the United States of America

Docket: 71511

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PATENT REEL: 012799 FRAME: 0016

PATENT Page 6 of 9

Docket: 71511		Page 7 of 9
Signed this d	ay of	, 2002
		Brendan William Boyd
NO	TARIZATION	R LEGALIZATION ACCOMPANYING ASSIGNMENT
NOTE: Executing this pag	ge is not required	or assignment and is only prima facie evidence of execution. 35 USC 261.
Details of Country		
and place of signing of	assignment	
Before me this	day of	2002, BRENDAN WILLIAM BOYD personally appeared the
following above named	d individual, t	me known to be the person who is described in and who executed the
foregoing assignment i	instrument an	acknowledged to me that
□ he	□ she	
executed the same of	□ his □	r
own free will for the pu	rpose therein	xpressed.
		Notary Public or Consular Officer of the United States of America

(CONTINUED ON NEXT PAGE)

PATENT REEL: 012799 FRAME: 0017

Docket: 71511					F	Page 8 of 9
Signed this day of			2002			
			Bhas	kar Krishna A	Arumugam	
NOTARIZ	ATION OR L	EGALIZA	TION ACCOM	PANYING ASS	IGNMENT	
NOTE: Executing this page is no	t required for as:	signment an	d is only prima fa	cie evidence of ex	ecution. 35 USC 26	1.
Details of Country						
and place of signing of assig	nment					
	_			L/D1011114		
Before me this da	•					•
appeared the following abov					who is describe	d in and who
executed the foregoing assig	ınment ınstru	ment and	acknowledge	d to me that		
☐ he ☐	she					
executed the same of	his 🖸 her					
own free will for the purpose therein expressed.						
		Notary Pub States of A		fficer of the United		

(CONTINUED ON NEXT PAGE)

PATENT REEL: 012799 FRAME: 0018

Attorney's Docket No. 32887-268168  Docket: 71511	<i>PATENT</i> Page 9 of 9
Signed this day of, 2002	
Nick Allen Collins	
NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMI	ENT
NOTE: Executing this page is not required for assignment and is only prima facie evidence of execution.	35 USC 261.
Details of Country	
and place of signing of assignment	
Before me this day of 2002, NICK ALLEN COLLINS person	sonally appeared the
following above named individual, to me known to be the person who is described in	and who executed the
foregoing assignment instrument and acknowledged to me that	
□ he □ she	
executed the same of	
own free will for the purpose therein expressed.	

Notary Public or Consular Officer of the United

States of America

32887-268168 WINLIB01:934651.1

**RECORDED: 04/09/2002**