

05-04-2001

U.S. Department of Commerce
Patent and Trademark Office
PATENT



101701845

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
Document ID#
☐ Correction of PTO Error
Reel # Frame #
☐ Corrective Document
Reel# Frame #

Conveyance Type

- ☐ Assignment
☐ License
☐ Merger
☐ Security Agreement
☐ Change of Name
☒ Other Notice of Grant of Security Interest
U.S. Government
(For Use ONLY by U.S. Government Agencies)
☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) Ethyl Corporation
Name (line 2)

Execution Date
Month Day Year

04/10/01

Second Party

Name (line 1)
Name (line 2)

Execution Date
Month Day Year

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Bank of America, N.A., as Collateral Agent
Name (line 2)
Address (line 1) CA5-701-12-09
Address (line 2) 1455 Market Street
Address (line 3) San Francisco California 94103
City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name N/A
Address (line 1)
Address (line 2)
Address (line 3)
Address (line 4)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number **(919) 286-8000**

Name **Steven D. Thomas**

Address (line 1) **Moore & Van Allen, PLLC**

Address (line 2) **2200 West Main Street**

Address (line 3) **Suite 800**

Address (line 4) **Durham, North Carolina 27705**

Pages Enter the total number of pages of the attached conveyance document including any attachments.

7

Application Number(s) or Patent Number(s)



Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

08/263,024

09/359,770

09/386,690

4,391,721

4,424,317

4,448,587

09/173,794

09/372,309

09/401,693

4,398,921

4,434,270

4,473,482

09/216,414

09/386,634

09/441,964

4,417,903

4,440,545

4,482,356

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties Enter the total number of properties involved.

147

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41):

\$ **5,880.00**

Method of Payment: Enclosed ☒

Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

13-4365

Authorization to charge additional fees:

Yes ☒

No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Steven D. Thomas

Name of Person Signing

Signature

Date Signed

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

☐

Mark if additional names of conveying parties attached

Enter Additional Conveying Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐

Mark if additional names of receiving parties attached

Enter Additional Receiving Party

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☒

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/450,247

09/665,568

09/734,946

4,482,357

4,608,184

4,674,447

09/533,229

09/665,571

09/776,036

4,496,495

4,614,602

4,705,643

09/533,230

09/704,237

09/780,998

4,502,972

4,623,362

4,764,296

09/561,796

09/712,068

09/783,065

4,547,603

4,634,541

4,808,325

09/604,285

09/723,779

09/800,017

4,549,885

4,664,824

4,820,431

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies) ☐ **Mark if additional names of conveying parties attached**
Enter Additional Conveying Party

Name (line 1)
Name (line 2)
Name (line 1)
Name (line 2)
Name (line 1)
Name (line 2)

Execution Date
Month Day Year

Execution Date
Month Day Year

Execution Date
Month Day Year

Receiving Party(ies) ☐ **Mark if additional names of receiving parties attached**
Enter Additional Receiving Party

Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3)
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3)
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s) ☒ **Mark if additional numbers attached**
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

60/170,334	60/278,316	
60/170,335		
60,254,845		
60/257,410		
60/269,913		

4,849,118	4,906,778	4,954,274
4,865,754	4,908,145	5,009,802
4,871,465	4,927,553	5,013,463
4,873,009	4,946,975	5,024,775
4,883,886	4,948,523	5,026,885

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

☐

Mark if additional names of conveying parties attached

Enter Additional Conveying Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐

Mark if additional names of receiving parties attached

Enter Additional Receiving Party

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☒

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

5,030,436	5,114,603	5,278,071
5,030,757	5,146,000	5,281,733
5,076,814	5,204,012	5,286,394
5,080,815	5,242,613	5,302,304
5,114,602	5,250,737	5,332,477

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

☐

Mark if additional names of conveying parties attached

Enter Additional Conveying Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐

Mark if additional names of receiving parties attached

Enter Additional Receiving Party

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☒

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

5,358,650

5,454,843

5,511,517

5,387,352

5,464,549

5,512,067

5,405,417

5,496,480

5,512,068

5,411,559

5,498,355

5,514,190

5,433,875

5,500,140

5,551,957

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

☐

Mark if additional names of conveying parties attached

Enter Additional Conveying Party

Name (line 1)	<input type="text"/>
Name (line 2)	<input type="text"/>
Name (line 1)	<input type="text"/>
Name (line 2)	<input type="text"/>
Name (line 1)	<input type="text"/>
Name (line 2)	<input type="text"/>

Execution Date
Month Day Year

Execution Date
Month Day Year

Execution Date
Month Day Year

Receiving Party(ies)

☐

Mark if additional names of receiving parties attached

Enter Additional Receiving Party

Name (line 1)	<input type="text"/>		
Name (line 2)	<input type="text"/>		
Address (line 1)	<input type="text"/>		
Address (line 2)	<input type="text"/>		
Address (line 3)	<input type="text"/> City	<input type="text"/> State/Country	<input type="text"/> Zip Code
Name (line 1)	<input type="text"/>		
Name (line 2)	<input type="text"/>		
Address (line 1)	<input type="text"/>		
Address (line 2)	<input type="text"/>		
Address (line 3)	<input type="text"/> City	<input type="text"/> State/Country	<input type="text"/> Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☒

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>	5,558,683	5,597,390	5,634,951
<input type="text"/>	<input type="text"/>	<input type="text"/>	5,571,445	5,599,357	5,650,381
<input type="text"/>	<input type="text"/>	<input type="text"/>	5,573,696	5,612,295	5,658,864
<input type="text"/>	<input type="text"/>	<input type="text"/>	5,578,236	5,612,296	5,669,938
<input type="text"/>	<input type="text"/>	<input type="text"/>	5,591,237	5,616,153	5,679,116

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

Enter Additional Conveying Party

☐

Mark if additional names of conveying parties attached

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

Enter Additional Receiving Party

☐

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

☒

Mark if additional numbers attached

Patent Application Number(s)

Patent Number(s)

5,697,988

5,763,372

5,843,874

5,703,023

5,782,937

5,849,047

5,725,612

5,814,706

5,891,203

5,733,993

5,834,408

5,891,786

5,752,989

5,840,672

5,928,392

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

☐

Mark if additional names of conveying parties attached

Enter Additional Conveying Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐

Mark if additional names of receiving parties attached

Enter Additional Receiving Party

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☒

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

5,942,471

6,013,735

6,096,691

5,955,405

6,015,863

6,096,695

5,972,851

6,034,040

6,107,257

5,997,593

6,042,626

6,107,258

6,001,786

6,048,373

6,117,825

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

☐

Mark if additional names of conveying parties attached

Enter Additional Conveying Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐

Mark if additional names of receiving parties attached

Enter Additional Receiving Party

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

6,133,207

6,174,842

6,176,886

NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS

United States Patent and Trademark Office

Gentlemen:

Please be advised that pursuant to the Security Agreement dated as of April 10, 2001 (the "Security Agreement") by and among the Obligors party thereto (each an "Obligor" and collectively, the "Obligors") and Bank of America, N.A., as Collateral Agent (the "Collateral Agent") for the Banks referenced therein (the "Banks"), the undersigned Obligor has granted a continuing security interest in and continuing lien upon, the patents and patent applications shown below to the Collateral Agent for the ratable benefit of the Banks:

PATENTS

Patent No.

Date of
Patent

See attached Schedule A

Patent Applications

Patent
Applications No.

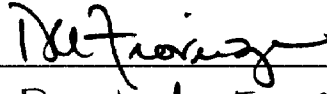
Date of Patent
Applications

See attached Schedule A

The Obligors and the Collateral Agent, on behalf of the Banks, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

ETHYL CORPORATION

By: 
Name: David A. Fiorenza
Title: Vice President, Treasurer
and Principal Financial Officer

Acknowledged and Accepted:

BANK OF AMERICA, N.A., as Collateral Agent

By: _____
Name: _____
Title: _____

The Obligors and the Collateral Agent, on behalf of the Banks, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

ETHYL CORPORATION

By: _____

Name: _____

Title: _____

Acknowledged and Accepted:

BANK OF AMERICA, N.A., as Collateral Agent

By:  _____

Name: Charles D. Graber

Title: Vice President

Ethyl Corporation

U.S. Patents

Issued Patents

Patent No.
4,391,721
4,398,921
4,417,903
4,424,317
4,434,270
4,440,545
4,448,587
4,473,482
4,482,356
4,482,357
4,496,495
4,502,972
4,547,603
4,549,885
4,608,184
4,614,602
4,623,362
4,634,541
4,664,824
4,674,447
4,705,643
4,764,296
4,808,325
4,820,431
4,849,118
4,865,754
4,871,465
4,873,009
4,883,886
4,906,778
4,908,145
4,927,553
4,946,975
4,948,523
4,954,274
5,009,802
5,013,463
5,024,775

PATENT

5,026,885
5,030,436
5,030,757
5,076,814
5,080,815
5,114,602
5,114,603
5,146,000
5,204,012
5,242,613
5,250,737
5,278,071
5,281,733
5,286,394
5,302,304
5,332,477
5,358,650
5,387,352
5,405,417
5,411,559
5,433,875
5,454,843
5,464,549
5,496,480
5,498,355
5,500,140
5,511,517
5,512,067
5,512,068
5,514,190
5,551,957
5,558,683
5,571,445
5,573,696
5,578,236
5,591,237
5,597,390
5,599,357
5,612,295
5,612,296
5,616,153
5,634,951
5,650,381
5,658,864
5,669,938
5,679,116

Patent No.
5,697,988
5,703,023
5,725,612
5,733,993
5,752,989
5,763,372
5,782,937
5,814,706
5,834,408
5,840,672
5,843,874
5,849,047
5,891,203
5,891,786
5,928,392
5,942,471
5,955,405
5,972,851
5,997,593
6,001,786
6,013,735
6,015,863
6,034,040
6,042,626
6,048,373
6,096,691
6,096,695
6,107,257
6,107,258
6,117,825
6,133,207
6,174,842
6,176,886

Pending Applications

Serial No.
08/263,024
09/173,794
09/216,414
09,359,770
09/372,309
09/386,634
09/386,690
09/401,693
09/441,964

Serial No.
09/450,247
09/533,229
09/533,230
09/561,796
09/604,285
09/665,568
09/665,571
09/704,237
09/712,068
09/723,779
09/734,946
09/776,036
09/780,998
09/783,065
09/800,017
60/170,334
60/170,335
60/254,845
60/257,410
60/269,913
60/278,316