

02-04-1999



100958579

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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

100958579 U.S. PTO
09/23/99

Conveying Party(ies)

- ☒ Mark if additional names of conveying parties attached
- Name (line 1) Gilbert J. Drab
- Name (line 2)
- Execution Date
Month Day Year
 01151999

Second Party

- Name (line 1) Christopher M. Sweeney
- Name (line 2)
- Execution Date
Month Day Year
 01181999

Receiving Party

- ☐ Mark if additional names of receiving parties attached

- Name (line 1) Ashland, Inc.
- Name (line 2)
- Address (line 1) 50 E. RiverCenter Boulevard
- Address (line 2)
- Address (line 3) Covington Kentudky 41012-0391
- 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 is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

- Name
- Address (line 1)
- Address (line 2)
- Address (line 3)
- Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:
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PATENT
REEL: 9734 FRAME: 0202

Correspondent Name and Address

Area Code and Telephone Number (614) 436-0600

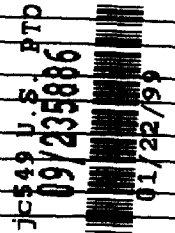
Name Mueller and Smith, LPA

Address (line 1) 7700 Rivers Edge Drive

Address (line 2) Columbus, Ohio 43235

Address (line 3)

Address (line 4)



Pages

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

6

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)

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.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

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

Deposit Account Number:

13-4830

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.

Jerry K. Mueller, Jr.

Name of Person Signing

Signature

January 20, 1999

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

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

1549 U.S. 86
09/23/99
01/22/99

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Akimoto Ochi

Execution Date
Month Day Year
01181999

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

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 is attached. (Designation must be a separate document from Assignment.)

Name (line 1)

☐ 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 is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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)

ASSIGNMENT

WHEREAS, we, Gilbert J. Drab of Irving TX, Christopher M. Sweeney of Magnolia TX and Akimoto Ochi of The Woodlands, TX, have invented certain new and useful improvements in Method and Apparatus for

Valve Assembly With Flush And Sample Capability

for which we am about to make application for Letters Patent of the United States; and

WHEREAS, Ashland, Inc., a corporation of the Commonwealth of Kentucky, having an office at 50 E. RiverCenter Boulevard, Covington, Kentucky 41012-0391 herein called "Assignee", is desirous of acquiring our entire right, title, and interest in said invention and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Assignee, our entire right, title and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to said application executed by us on the 15th day of January, 1999, the 18th day of January, 1999, and the 18th day of January, 1999, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents and Trademarks or other proper Officer to issue such Letters Patent to the Assignee of our entire right, title and interest in and to the same for the sole use and behoove of the said Assignee, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Assignee, execute such further assurance of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for the reissues or extension of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and I do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the patents to be obtained therefor to the said Assignee, as well as all other necessary papers.

Mike IN TESTIMONY WHEREOF, we have hereunto set our hands at _____, this 19 day of JANUARY, 1999.


Gilbert J. Drab

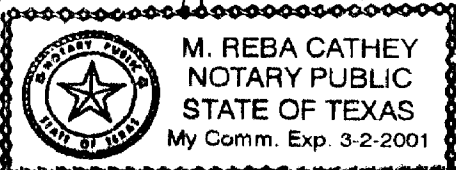
STATE OF TEXAS

COUNTY OF Dallas

)
) SS.
)

Personally appeared before me this day the above-named Gilbert J. Drab, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal this 15th day of January, 1999.



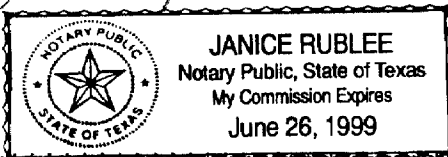
M. Reba Cathey
Notary Public

Christopher M. Sweeney
Christopher M. Sweeney

STATE OF TEXAS)
COUNTY OF HARRIS) SS.

Personally appeared before me this day the above-named Christopher M. Sweeney, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal this 18th day of January, 1999.



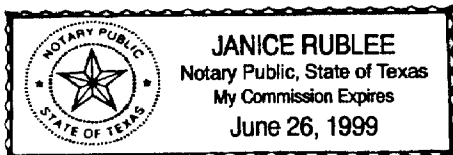
Janice Rublee
Notary Public

Akimoto Ochi
Akimoto Ochi

STATE OF TEXAS)
COUNTY OF HARRIS) SS.

Personally appeared before me this day the above-named Akimoto Ochi, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal this 18th day of January, 1999.



Janice Rublee
Notary Public