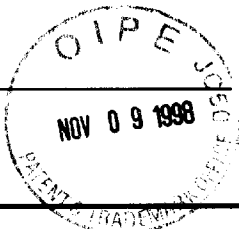


11-19-1998



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PATENTS ONLY

Attorney Docket No. KOCH.54852

FORM PTO-1595

ET

U.S. DEPT. OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

11.9.98

1. Name of conveying party(ies):  
Zhongliang L. Fan and Michael J. Binkley  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):  
Name: Koch-Glitsch, Inc.  
Internal Address:  
Street Address: 4111 E. 37th Street North  
City: Wichita  
State: Kansas  
Zip: 67220  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other: \_\_\_\_\_  
Execution Date: September 14, 1998

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_

A. Patent Application No.(s): 09/148,353, filed September 4, 1998

B. Patent No.(s):

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Michael B. Hurd  
Internal Address: Shook, Hardy & Bacon L.L.P.  
One Kansas City Place  
Street Address: 1200 Main Street  
City: Kansas City  
State: Missouri  
Zip: 64105-2118

6. Total number of applications and patents involved: . . . . . 1

7. Total fee (37 CFR 3.41) . . . . . \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit Account No.: 19-2112  
(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

Michael B. Hurd

11-3-98

Name of person signing  
11/16/1998 BHMB 00000017 09148353

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

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

## ASSIGNMENT

WHEREAS, We, Zhongliang L. Fan, of 2707 Devonshire, Carrollton, in the County of Dallas, and State of Texas, and Michael J. Binkley of 2006 S. UHL Road, Glenn Heights, in the County of *Dallas* and State of Texas, have invented certain new and useful improvements in

### DOWNCOMERS FOR VAPOR-LIQUID CONTACT TRAYS

for which we have made application for Letters Patent of the United States, Serial No. 09/148,353, filed September 4, 1998; and

WHEREAS, Koch-Glitsch, Inc., a corporation duly organized under the laws of the State of Kansas, and having its principal place of business at 4111 E. 37th Street North, Wichita, County of Sedgwick, and State of Kansas, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Zhongliang, L. Fan, and Michael J. Binkley, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Koch-Glitsch, Inc. the full and exclusive right, title and interest, throughout the world, in, to and under said invention as fully set forth and described in the above-identified application; in, to and under said application; in, to and under any and all refilings, divisions and continuations of said application; in, to and under any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said invention which may

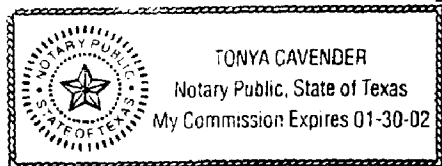
hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said Koch-Glitsch, Inc. for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 14 day of September, 1998.

Zhongliang Fan  
Zhongliang L. Fan

STATE OF TEXAS :  
: SS  
COUNTY OF Denton :

Before me personally appeared Zhongliang, L. Fan, to me known to be the person described in, and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth, on the day and year aforesaid.



Tonya Cavender  
Notary Public

S E A L

My Commission Expires:

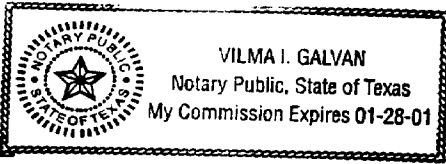
01-30-02

EXECUTED this 14 day of September 1998.

Michael J. Binkley  
Michael J. Binkley

STATE OF TEXAS :  
COUNTY OF Dallas : ss

Before me personally appeared Michael J. Binkley, to me known to be the person described in, and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth, on the day and year aforesaid.



Vilma I. Galvan  
Notary Public

SEA

My Commission Expires:

01-28-01