

06-20-2003

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OMB No. 0651-0027 (exp. 6/30/2005)



102479126

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies):

John R. McWhirter

2. Name and address of receiving party(ies)

Name: Mixing & Mass Transfer Technologies, Inc.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: 141 Blackberry Lane

City: Boalsburg State: PA Zip: 16827

Execution Date: 6/5/2003

Additional name(s) & address(es) attached? Yes No

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) _____

10/453,057

B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Livinia N. Jones, Esq.

Internal Address: _____

Street Address: 811 University Drive

City: State College State: PA Zip: 16801

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 number: _____

DO NOT USE THIS SPACE

9. Signature.

Livinia N. Jones

Name of Person Signing

L Jones
Signature

June 12, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 3

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

06/19/2003 ECDOPER 00000099 10453057

01 FC:0021

40.00 DP

PATENT
REEL: 014179 FRAME: 0722

ASSIGNMENT

FOR VALUE RECEIVED, I, JOHN R. McWHIRTER, hereby sell, assign and transfer unto MIXING & MASS TRANSFER TECHNOLOGIES, INC., as assignee, and its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed or claimed in an application for Letters Patent of the United States of America, entitled:

“SURFACE AERATION IMPELLERS”

signed by me on the date set forth below; and in and to any and all continuations, continuations-in-part, divisions, reissues, renewals, extensions, substitutions, additions or reexaminations of such application and any U.S. patents issuing thereon; and in and to any and all corresponding non-U.S. applications for Letters Patent and any non-U.S. patents issuing thereon; and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter.

I, request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

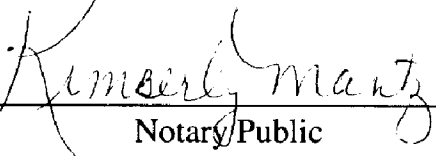
Name: John R. McWhirter


Signature

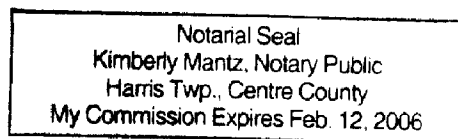
Date: 6/5/03

State of Pennsylvania
County of Centre

Before me this 5th day of June, 2003, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes therein expressed.



Notary Public



Member, Pennsylvania Association Of Notaries