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

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

102711740

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 Tiernan

3-27-04

2. Name and address of receiving party(ies)

Name: TMI Systems

Internal Address:

Street Address: 4505 Infirmay Road

City: Dayton State: Oh Zip: 45449

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

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

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Execution Date: 3/26/2004

4. Application number(s) or patent number(s):

10811463

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: R. William Graham

Internal Address:

HDEMESS1 00000020 10811463

40.00 DP

Street Address: 22 S. St. Clair St.

City: Dayton State: Oh Zip: 45402

6. Total number of applications and patents involved:

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.

R. William Graham

Name of Person Signing

Signature

3/26/2004

Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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03/31/2004 01 FC:8021

ASSIGNMENT

Whereas, John Tiernan, a citizen of the United States, having an address at 6175 Clematis Dr Dayton, OH 45449-3005 is the sole inventor of an invention "A CEMENT PRODUCING SYSTEM INCORPORATING A WASTE DERIVED FUEL SUSPENSION BURNER FOR A DOWN DRAFT CALCINER" and has executed an application for patent the specification of which is attached hereto.

NOW, THEREFORE, for \$1.00 and other good and valuable consideration, receipt of which is acknowledged, John Tiernan has agreed to assign and transfer unto TMI Systems (Assignee), a corporation of the state of Ohio of the United States, having an address at 4505 Infirmary Road, Dayton, Ohio 45449, its successors and assigns, the entire right, title and interest in and to the said invention(s), application(s) and patent(s), and in and to any division, continuation or continuation-in-part, of said application, and in and to any and all Letters Patent and reissues and extensions thereof of the United States of America and countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted on any of the foregoing to be held and enjoyed as fully and exclusively as they would have been by John Tiernan had this assignment and transfer not been made;

John Tiernan does further agree for himself and for his successors, assigns, and nominees, to execute and deliver without further consideration any further applications, assignments and documents, and to perform such other acts as it lawfully may, that may be deemed necessary by said Assignee, its successors, assigns, and nominees, fully to secure its interest as aforesaid and

to obtain or maintain Letters Patent in any and all countries; and

And John Tiernan does hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said assignee, as the Assignee of the entire interest therein.

In witness whereof, John Tiernan has hereunto signed and executed this assignment on the day and year set forth below.

By: *John Tiernan*
John Tiernan

State of OHIO)

ss.

County of MONTGOMERY

On this 26 day of MARCH, 2004, before me personally appeared the above named, John Tiernan, personally known to me, and known by me to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed, on the day and year aforesaid.

Amy E. Hines
NOTARY

SEAL

County: MONTGOMERY

My Commission expires

AMY E. HINES
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 03-31-07