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Docket No.: 71044-006CIPN2

To the Director of Patents and Trademark

102659348

prints or copy thereof.

1. Name of conveying party(ies):
Charles K. Heizer

1-23-04

2. Name and address of receiving party(ies)

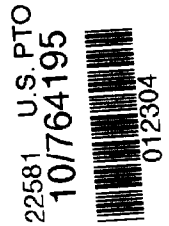
Name: Imperial Research LLC

Internal Address: _____

Street Address: 8750 Pevely Industrial Drive

City: Pevely, State: MO Zip: 63070-1919

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: 10/15/02

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

10764195

If this document is being filed together with a new application, the execution date of the application is: 1/23/2004

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: Dennis J.M. Donahue, III

Internal Address: Husch & Eppenberger, LLC

Street Address: 190 Carondelet Plaza

Suite 600

City: St. Louis State: MO Zip: 63105

6. Total number of application 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:

08-3460

(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.

Dennis J.M. Donahue, III

Name of Person Signing

Signature

January 23, 2004

Date

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

4

Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT, Director of the US Patent and Trademark Office, PO Box 1450, Alexandria, VA 22313-14501

ASSIGNMENT

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns to Imperial Research LLC, a limited liability company, having a principal place of business at 8750 Pevely Industrial Drive, Pevely, MO 63070-1919, its successors and assigns (hereinafter Assignee"), the entire right, title and interest in the invention or improvements of the undersigned disclosed in the following applications and/or United States Letters Patent:

Application Serial No.: 10/013,747
Titled: Offset Thread Screw Rotor Device
Filed: October 19, 2001
Executed: 10-15-02

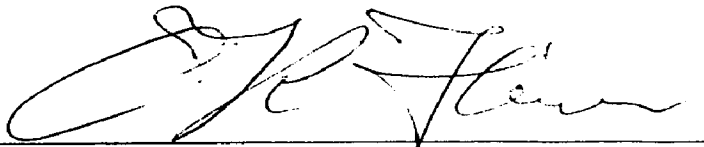
and any and all other applications for Letters Patent which the Assignee or the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, including any identified above, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said Assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application(s) to insert in this Assignment the serial number, filing date, and date of execution of said application(s).

For said considerations, the undersigned hereby agrees, upon the request and at the expense of said Assignee, to execute any divisional, continuation, continuation-in-part or substitute application for said invention or improvements, and any oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application(s), and, in the event of any application or Letters Patent assigned herein becoming involved in an interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said Assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said Assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment has not been made.

And for said consideration, the undersigned hereby assigns to said Assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights, and agrees to execute, at the request of said Assignee, all documents in connection with any application for foreign Letters Patent therefor.



Charles K. Heizer

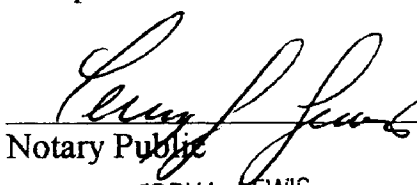
10-15

, 2002

STATE OF Missouri

COUNTY OF Jefferson

Before me, a Notary Public in and for the County and State aforesaid, appeared to me Charles K. Heizer personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.



Notary Public

TERRY L. LEWIS
Notary Public - State of Missouri
County of Jefferson
My Commission Expires Apr. 8, 2006

