

U.S. I
ASSIGNMENT RE

09-29-1999

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1 of 5

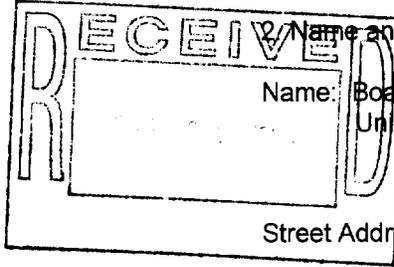


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To the Assistant Commissioner of Patents. Please record the attached original documents or copy thereof.

MD9-24-99

1. Name of conveying party(ies):
Jack H. Cole
Yong Fong Tay



Name and address of receiving party(ies):
Name: Board of Trustees of the
University of Arkansas, N.A.

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

Street Address: 2404 North University

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name City Little Rock State AR Zip 72207-3608
 Other:

Execution Date: 09/07/99 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)

B. Patent No.(s)

Ser. No. 09/191,595, filed 11/13/98

Additional Numbers Attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Head, Johnson & Kachigian, 112 West Center Street, Suite 230, Fayetteville, AR 72701

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: 08-1500

(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.

Attorney

Reg. No.

Do not detach this portion

Date

36,565

9/21/99

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

Commissioner of Patents and Trademarks
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Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project. (0051-0011), Washington D.C. 20503.

09/28/1999 DNGUYEN 00000331 09191595

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ASSIGNMENT

WHEREAS, Jack H. Cole, of 2867 Brookbury Crossing, Fayetteville, Arkansas 72703, a citizen of the United States of America, and Yong Fong Tay, of 55, Jalan Jerau 8 Taman Pelangi, Johor Bahru, Johor Malaysia 80400, a citizen of Malaysia (hereinafter called ASSIGNORS), have invented certain new and useful improvements in a/an **PRESSURE COMPENSATED VARIABLE DISPLACEMENT INTERNAL GEAR PUMPS**, which they are about to make application for Letters Patent of the United States, the said application having been executed on even day herewith;

WHEREAS, ASSIGNORS, the said inventors, are now the exclusive owners of said application, the invention described and claimed therein, and all rights in, to and under the same; and

WHEREAS, University of Arkansas, a corporation created and existing under the laws of the State of Arkansas doing business at 2404 N. University Avenue, Little Rock, Arkansas 72207-3608 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention, application, and in, to and under any and all Letters Patent of the United States and in any and all foreign countries thereof;

NOW, THEREFORE, this indenture witnesseth 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, ASSIGNORS, the said inventors, have sold, assigned, transferred and set over and do hereby sell, assign, transfer and set over to the said ASSIGNEE, the said invention and application, and any and all divisions and continuations thereof, and any and all Letters Patent of the United States, its territorial possessions, and any and all foreign

countries which may be granted therefor, and any and all extensions, reissues or certificates of reexamination of said Letters Patent, including the right of priority and the subject matter of any and all claims which may be obtained in every such patent, the same to be held and enjoyed by the said ASSIGNEE for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States, territories and foreign countries are or may be granted, extended, reissued, or reexamined as fully and entirely as same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made.

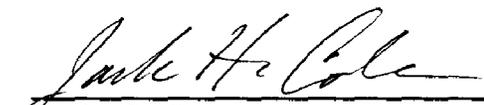
AND, ASSIGNORS hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States on said invention, or resulting from said application, and from any and all divisions and continuations, extensions, reissues or reexaminations thereof to the said ASSIGNEE, of the entire interest, and hereby covenants that they have full right to convey the entire interest therein assigned, and that they have not executed and will not execute any agreement in conflict therewith.

AND, ASSIGNORS further hereby covenant and agree that they will, at any time, upon request, at the expense of said ASSIGNEE, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention, and to said Letters Patent as may be granted therefor, in said ASSIGNEE, its successors, assigns, or other legal representatives, and that if said ASSIGNEE, its successors, assigns, or other legal representatives shall desire to file any divisional or continuation application, or to secure an extension, a reissue or certificate of reexamination of such Letters Patent, or to file a disclaimer relating thereto, will, upon request, sign all papers, make all rightful oaths, and do all acts requisite for the filing of such divisional or continuing application, or such

continuing application, or such application for extension, reissue or request for reexamination and procuring thereof, and for the filing of such disclaimers, without further compensation, but at the expense of said ASSIGNEE, its successors or other legal representatives.

AND, ASSIGNORS do further covenant and agree, that they will, at any time, upon request, communicate to said ASSIGNEE, its successors, assigns, or other legal representatives, at its expense, such facts relating to said invention and Letters Patent or the history thereof, as may be known to them, and testify as to the same in any interference or other litigation, when requested to do so.

IN WITNESS WHEREOF, We have hereunto set our hands.



Jack H. Cole

STATE OF Arkansas)
) SS:
COUNTY OF Washington)

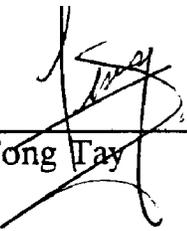
On this 7th day of September, 1999, ~~1998~~, before me personally appeared Jack H. Cole, to me known to be the person described hereinabove who executed the foregoing Assignment, and who acknowledged to me that she executed the same for the reasons and purpose therein set forth.

My Commission Expires: November 15, 1999



Judith Goodner Hoelt

Notary Public
Seal

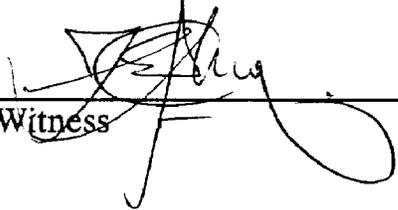


Yong Fong Tay

1/9/99

Date

On this 1st day of January, ~~1998~~^{1999 K&K}, before me personally appeared Yong Fong Tay, to me known to be the person described hereinabove who executed the foregoing Assignment, and who acknowledged to me that she executed the same for the reasons and purpose therein set forth.



Witness