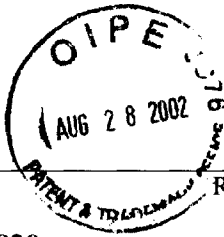


8/28/02



09-04-2002



FORM PTO-1596
1-31-92

RECORD

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 10473-820

102210429

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):
David A. JACKSON, Brian M. BLIVEN, &
Patrick B. O'MAHONY
Additional name(s) of conveying party(ies) attached? Yes

2. Name and address of receiving party(ies):
Name: SNAP-ON DIAGNOSTICS
Address: 420 Barclay Boulevard
Lincolnshire, IL 60069
Additional name(s) & address(es) attached? Yes

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 6/17/2002, 6/18/2002, & 6/11/2002

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is:
A. Patent Application No(s).
10/170,401, filed June 14, 2002
Additional numbers attached? Yes

B. Patent No(s).

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: MCDERMOTT, WILL & EMERY
Internal Address:
Street Address: 600 13th Street, N.W.
City: Washington State: DC Zip: 20005

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:
500417

DO NOT USE THIS SPACE

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.
Wei-Chen Chen
Admitted Under 37 CFR 10.9(b)

Wei-Chen Chen

August 28, 2002

Name and Registration No. of Person Signing Signature Date
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

09/03/2002 6T0N11 00000127 500417 10170401
01 FC:581 40.00 CH

PATENT
REEL: 013241 FRAME: 0445

Docket No.: 10473- 820

ASSIGNMENT

WHEREAS I, David A. Jackson of 1636 Harbor Seal Drive, Point Roberts, WA 98281, and Brian M. Bliven of 416 Conestoga Way, San Jose, CA 95123, and Patrick B. O'Mahony of 3573 Sandpebble Drive, Apt. #625, San Jose, CA 95136 have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **SELF-CALIBRATING POSITION DETERMINATION SYSTEM**, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

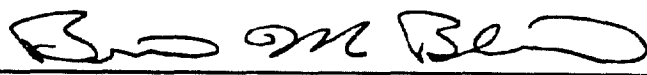
AND WHEREAS, Snap-on Diagnostics, a corporation of the State of Illinois and having an address of 420 Barclay Boulevard, Lincolnshire, IL 60069 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Snap-on Diagnostics, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or causes in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Snap-on Diagnostics, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

6-18-02



Date

Signature

STATE OF _____)

) SS:

COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Brian M. Bliven, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

Date

Signature

STATE OF _____)

) SS:

COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Patrick B. O'Mahony to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

Date Signature

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Brian M. Bliven, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

06-11-02

Date

Patrick B. O'Mahony

Signature

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 20____, before me personally appeared Patrick B. O'Mahony to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My commission expires _____

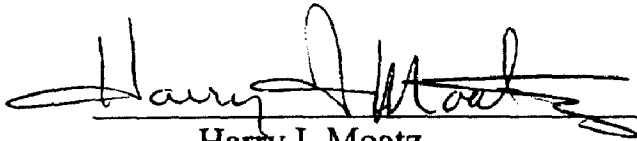
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATE PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Wei-Chen Chen is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of McDermott, Will & Emery to prepare and prosecute patent applications wherein the patent applicant is the client of McDermott, Will & Emery, and the attorney or agent of record in the applications is a registered practitioner who is a member of McDermott, Will & Emery. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Wei-Chen Chen ceases to lawfully reside in the United States, (ii) Wei-Chen Chen's employment with McDermott, Will & Emery ceases or is terminated, or (iii) Wei-Chen Chen ceases to remain or reside in the United States on an H-1 visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: June 24, 2003



Harry I. Moatz
Director of Enrollment and Discipline