

WRD 12/13/00

Docket No.: 5438.03

FORM PTO-1595 (Modific)
(Rev. 6-93)
OMB No 0651-0011 (exp.4/94)
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P08/REV02

12-26-2000

EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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Tab settings

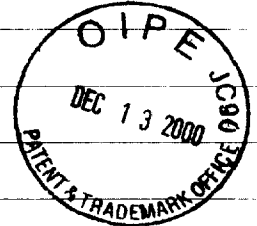
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Charles A. Kalbfleisch
Donald P. Keathley
William J. Collins

2. Name and address of receiving party(ies):

Name: **John A. Doherty**

Internal Address:



Street Address: **829 St. Andrews Lane**

City: **Louisville**

State: **CO**

ZIP: **80027**

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

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

Execution Date: **June 7, 1996**

4. Application number(s) or registration numbers(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)

5,745,051

Additional numbers attached? Yes No

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

Name: **Lee R. Osman**

Internal Address: **Dorsey & Whitney LLP**

Street Address: **370 17th Street, Suite 4400**

City: **Denver**

State: **CO**

ZIP: **80202**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

04-1415

12/22/2000 NTHAIL 00000064 5745051

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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.

Lee R. Osman

Signature

December 8, 2000

Date

Name of Person Signing

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

PATENT
REEL: 011347 FRAME: 0695

When recorded please return to:
Holland & Hart
P.O. Box 8749
Denver, CO 80201-8749

PATENT APPLICATION

DOCKET NO. 31707.830002.001

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to John A. Doherty, residing at 829 St. Andrews Lane, Louisville, CO 80027 (hereinafter Assignee), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

SURFACE MATERIAL AND CONDITION SENSING SYSTEM Filing date: June 7, 1996 Serial No.: _____
Attorney Docket No.: 31707.830002.001 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letter Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/We additionally authorize Assignee to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Assignee or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Assignee.

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct Assignee's attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Charles A. Kalbfleisch Date Assignment Signed: 6/10/96
Inventor's Signature (Seal) _____
Inventor's Typed Name: Charles A. Kalbfleisch Date Application Signed: 6/7/96

State of Colorado)
County of Boulder) ss.:

Before me this 10th day of June 1996, personally appeared Charles A. Kalbfleisch who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/hier free act and deed.

[Signature]
Notary Public
My commission expires: 11-12-97

(Use Page Two For Additional Inventor(s) Signature(s))

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Holland & Hart
P.O. Box 8749
Denver, CO 80201-8749

PATENT APPLICATION

DOCKET NO. _____

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Donald P. Keathley
Inventor's Signature (Seal) Date Assignment Signed: June 19, 1996
Inventor's Typed Name: Donald P. Keathley Date Application Signed: June 7, 1996

State of CONNECTICUT)
County of MIDDLESEX)
) ss.: GREENWICH

Before me this 19 day of JUNE 1996, personally appeared Donald P. Keathley who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Paul Edward
Notary Public
My commission expires: 9-10-96

William J. Collins
Inventor's Signature (Seal) Date Assignment Signed: JUNE 28 1996
Inventor's Typed Name: William J. Collins Date Application Signed: 6/7/96

State of Connecticut)
County of Meriden)
) ss.:

Before me this 28 day of June, personally appeared William J. Collins who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

John Edward
Notary Public
My commission expires: My Commission Expires March 27, 1997

Inventor's Signature (Seal) Date Assignment Signed: _____
Inventor's Typed Name: _____ Date Application Signed: _____

State of _____)
County of _____)
) ss.:

Before me this _____ day of _____, personally appeared _____ who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____

D#

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Applicant(s): **John A. Doherty, et al.**

Docket No.

5438.03

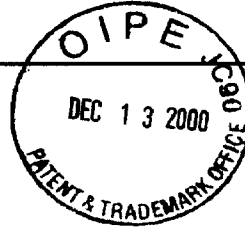
Serial No.
08/783,556

Filing Date
January 14, 1997

Examiner

Group Art Unit

Invention: **SURFACE MATERIAL AND CONDITION SENSING SYSTEM**



I hereby certify that this **RECORDATION FORM COVER SHEET AND ASSIGNMENT**
(Identify type of correspondence)

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on **December 8, 2000**
(Date)

Barbara Foley

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

Note: Each paper must have its own certificate of mailing.