

May 8 2000

05-22-2000

3380/355

PATENTS ONLY

TO THE COMM



ND TRADEMARKS

PATENTS ONLY

Please re

101363845

or copy thereof.

1. Name of Party(ies) conveying an interest:

Larry B. Rainwater

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and Address of Party(ies) receiving an interest:

Name: Pioneer Engineering Corporation
Internal Address:
Street Address: 301 Duck Road
City: Grandview
State/Zip: Missouri 64030

Additional name(s) and addresses attached?

Yes No

3. Description of the interest conveyed:

Assignment Change of Name Other: Corrective Assignment
 Security Agreement Merger

Execution Date: January 11, 2000

4. Application number(s) or patent number(s). Additional sheet attached? Yes No

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

Date

A. Patent Application No (s)

B. Patent No.(s)
5,695,082

Additional numbers attached? Yes No

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

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312)321-4200

6. Number of applications and patents involved: 1

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

Enclosed
 Authorized to be charged to Deposit Account No. 23-1925

8. Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

05/19/2000 JBNBAZZ 00000127 5695082

01 FC:561

40.00 DP

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.

Steven P. Shurtz
Name of Person Signing

Signature

5/3/00

Date

Total number of pages including cover sheet, attachments, and document: 6

Rev. Dec.-99

F:\COMMON\SPS\3380 - Manitowoc Crane\3380-355 Recordal of Assignment.doc

PATENT
REEL: 010785 FRAME: 0823

CORRECTIVE ASSIGNMENT

THIS CORRECTIVE ASSIGNMENT is intended to correct the original assignment of the patent identified below and is executed by the original assignor of said patent.

Larry B. Rainwater assigned all of his rights in and to an invention entitled CRANE HAVING A READILY REMOVABLE OUTER BOOM SECTION. and Patent Application Serial No. 08/629,168 therefore executed on March 20, 1996, which issued as U.S. Patent No. 5,695,082 under the original assignment of invention ("Original Assignment") filed with the United States Patent and Trademark Office at Reel 7948 and Frame 0231, (a copy of which is attached to this Corrective Assignment as exhibit A)

The Original Assignment mistakenly and incorrectly identified the assignee as follows:

MISTAKEN ASSIGNEE: Pioneer Engineering
301 Duck Road
Grandview, MO 64030

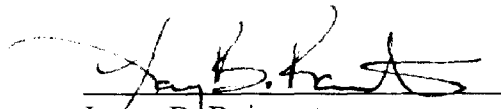
The Original Assignment should have used the correct legal corporate name of the assignee and such Original Assignment is hereby corrected to reflect the Assignee to be as follows:

CORRECTED ASSIGNEE : Pioneer Engineering Corporation
301 Duck Road
Grandview, MO 64030

This Corrective assignment is for the purpose of correcting the error in the Original Assignment and substituting the correct legal name of the assignee as "Pioneer Engineering Corporation". With the exception of the corrected name of the assignee, all other terms of the Original Assignment are and remain in full force and effect, as originally executed and filed with the Patent and Trademark Office

IN WITNESS WHEREOF, the undersigned has executed this Corrective Assignment at WACO, TEXAS, on the day and year indicated below.

Date: JAN. 11, 2000


Larry B. Rainwater

A S S I G N M E N T

WHEREAS, I, LARRY B. RAINWATER, of 6137 Antioch, Shawnee Mission, Kansas, have invented certain new and useful improvements in

CRANE HAVING A READILY REMOVABLE OUTER BOOM SECTION

for which I am about to make application for Letters Patent of the United States; and

WHEREAS, PIONEER ENGINEERING, a Corporation duly organized under the laws of the State of Kansas, and having its principal place of business at 301 Duck Road, Grandview, Missouri 64030, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, I, LARRY B. RAINWATER, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said PIONEER ENGINEERING, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

(a) said invention as fully set forth and described in the specification prepared, and executed by each of such as co-inventors on even date herewith preparatory to obtaining Letters Patent of the United states therefor;

(b) said application;

(c) and any all refilings and continuations of said application;

(d) and any all Letters Patent of the United States of America which may issue from said application, refilings, division and continuations;

(e) any and all reissues of said Letters Patent of the United States of America;

(f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;

(g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

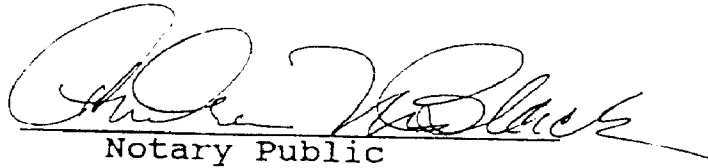
ALL of the above shall be held and enjoyed by said PIONEER ENGINEERING for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

✓ Executed this 20 day of MARCH, 1996.


LARRY B. RAINWATER

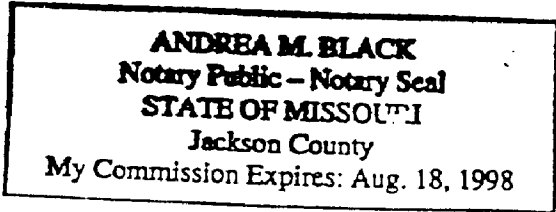
STATE OF MISSOURI)
) SS.
COUNTY OF JACKSON)

On this 20th day of March, 1996, before me personally appeared LARRY B. RAINWATER, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.


Notary Public

My Commission Expires:

8-18-98



(Docket No. 23307)