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copy thereof.

1. Name of Party(ies) conveying an int.

Address of Party(ies) receiving an interest:

Richard J. Stallbaumer
James A. Rusk, Jr.
Raymond F. Pitman

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

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

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 6, 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:

A. Patent Application No.(s)	Date	B. Patent No.(s)
		5,803,279

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.

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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.

Steven P. Shurtz
Name of Person Signing

Signature

5/13/00
Date

Total number of pages including cover sheet, attachments, and document: 7

Rev. Dec.-99

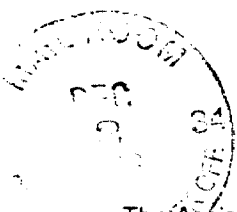
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EXHIBIT A
01-27-1997

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The Assistant Commissioner of Patents
Washington, D.C. 20231
Attention: Assignment Branch

Please record the attached original document or copy thereof.

12-2-96

1. Name of Conveying Party(ies):
Richard J. Stallbaumer, James R. Rusk and Raymond F. Pitman

2. Name and address of Receiving Party(ies):
Pioneer Engineering
301 Duck Road, Grandview, Missouri 64030



3. Nature of Conveyance:
 Assignment Security Agreement Merger
 License Change of Name Other.

Execution Date of Document: November 21, 1996

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

A. Patent Application Numbers: B. Patent Numbers:

Ser. No. 08/713,743 filed 9/13/96

5. Mail correspondence concerning the document to: **Warren N. Williams**
HOVEY, WILLIAMS, TIMMONS & COLLINS
2405 Grand Boulevard
Suite 400
Kansas City, MO 64108-2519

6. Total Number of Applications and Patents Involved: 1.

7. A check for the total fee (37 CFR 3.41) is enclosed: \$40.00.

8. The Commissioner is hereby authorized to charge any additional fees required for recordation of the enclosed document, or credit any overpayment, to Deposit Account No. 19-0522.

9. 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.

Respectfully submitted,

Warren N. Williams, Reg. No. 19,156
Date November 25, 1996

Total number of pages, including cover sheet, attached fee payment, and documents 5
(Docket No. 25157)
WNW:|

CORRECTIVE ASSIGNMENT

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

Richard J. Stallbaumer, James A. Rusk, Jr. and Raymond F. Pitman assigned all of their rights in and to an invention entitled AUTOMATICALLY DEPLOYABLE LOAD-LINE RECEIVING MAST STRUCTURE FOR LIMITING DEFLECTION OF PROPORTIONALLY EXTENDABLE BOOM SECTION CRANE, and Patent Application Serial No. 08/713,743 therefore executed on November 21, 1996, which issued as U.S. Patent No.5,803,279, under the original assignment of invention ("Original Assignment")filed with the United States Patent and Trademark Office at Reel 8310 and Frame 0086, (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

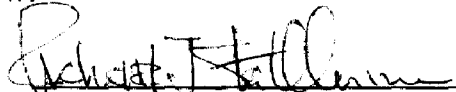
The Original Assignment should have used the correct legal corporate name of the assignee and such Original Assignment is hereby corrected to reflect the Assignee to be as follows:

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

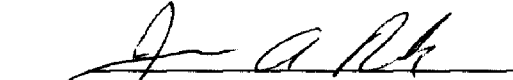
This Corrective assignment is for the purpose of correcting the error in the Original Assignment and substituting the correct legal name of the assignee as "Pioneer Engineering Corporation". Also, the original assignment refers to the second inventor as James R. Rusk, but the signature line was changed in the original assignment to James A. Rusk, Jr. This corrective assignment also hereby corrects the second inventor's name to James A. Rusk, Jr. throughout the document. With the exception of the corrected name of the assignee and Mr. Rusk, 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 have executed this Corrective Assignment at GRANDVIEW
MO, on the day and year indicated below.

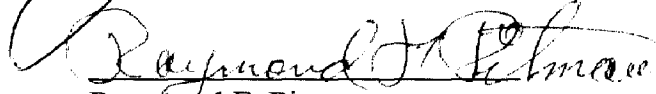
Date: 1/6/00


Richard J. Stallbaumer

Date: 1/6/00


James A. Rusk, Jr.

Date: 1/6/00


Raymond F. Pitman