

RECORDATION FORM COVER SHEET
PATENTS ONLY

03-03-1999



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached

100919171

1. Name of conveying party(ies):
Harvey J. Kallenberger

MKD
6-5-98

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

Name: Harnischfeger Technologies, Inc.

Internal Address: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: 3513 Concord Pike

Suite 3001

City: Wilmington State: DE ZIP: 19803

Execution Date: _____

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)

09/064,537

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James Earl Lowe, Jr.

Internal Address: _____

Street Address: PO BOX 554

City: Milwaukee State: WI ZIP: 53201-0554

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$ 40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

08-0757

(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.

James Earl Lowe, Jr.

Name of Person Signing

James Earl Lowe Jr

Signature

June 2, 1998

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

ASSIGNMENT made by Harvey J. Kallenberger of WI, County of Racine, and State of WI; (hereinafter Said Inventors) to Harnischfeger Technologies, Inc., a corporation organized under the laws of the State of Delaware and located and doing business at 3513 Concord Pike, Suite 3000, Wilmington, DE.

IN CONSIDERATION of good and valuable considerations, the receipt of which is hereby acknowledged, Said Inventors do hereby sell, assign and transfer to Harnischfeger Technologies, Inc., its successors and assigns, the entire right, title and interest in DRAGLINE WALKING MECHANISM WITH IMPROVED PLANETARY TRANSMISSION and the invention therein as set forth in their application for United States Letters Patent therefor, executed on even date herewith, and in and to said application and any divisions or continuations thereof, and any Letters Patent obtained for said invention in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such Letters Patent.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to said Harnischfeger Technologies, Inc., as assignee of the entire right, title and interest therein.

And, Said Inventors hereby covenant that they have full right to convey the entire right, title and interest in said invention, and that they have not executed and will not execute any agreement in conflict herewith.

And, they further covenant that they will at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in said Harnischfeger Technologies, Inc., to said invention or any Letters Patent that may be granted therefor, and that if said Harnischfeger Technologies, Inc., or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, that they will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purposes, but at the expense of said Harnischfeger Technologies, Inc..

They further hereby acknowledge that the entire beneficial interest in the invention to which the above application relates is irrevocably vested in the assignee including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional application resulting therefrom.

And, they further covenant that they will at all times communicate to the said Harnischfeger Technologies, Inc., its successors, assigns or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to them, and testify as to the same in interferences or other litigation when requested so to do.

We hereby authorize the above-mentioned assignee or the attorney of record to insert in this instrument the filing date and serial number of our said application:

Serial No.: _____

Filing date: _____

Executed and delivered this 21 day of APRIL 1998,
by Harvey J. Kallenberger

Harvey J. Kallenberger

State of Wisconsin)

)ss.

County of Milwaukee)

Personally appeared before me this 21st day of April, 1998, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

James Paul Lovelace

Notary Public

My Commission Expires: is permanent