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07-13-1999

405 Rec'd PCT/PTO 11 AUG 1998

FORM PTO-1595
1-31-92



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U.S. DEPARTMENT OF COMMERCE
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09/125126

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

1. Name of conveying party(ies):
Harry Madison
Additional name(s) of conveying party(ies) attached? yes no

2. Name and address of receiving party(ies):
Name: Harsco Technologies Corporation
Internal Address: _____

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: July 30, 1998

Street Address: 415 N. Main Street
City Fairmont State MN ZIP 56031
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: July 30, 1998
A. Patent Application No.(s)
69125126

B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Lewis F. Gould, Jr.
Internal Address: Eckert Seamans Cherin & Mellott
Street Address: 1700 Market Street Suite 3232
City: Philadelphia State: PA ZIP 19103

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41):.....\$ 40.00
 Enclosed
 Authorized to be changed to deposit account
8. Deposit account number: 07-1745 (Any deficiencies)
(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.
Lewis F. Gould, Jr. [Signature] August 11, 1998
Name of Person Signing Signature Date
Total number of pages comprising cover sheet: 4

OMB No. 0651-0011 (exp. 4/94)

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A S S I G N M E N T

WHEREAS, I, Harry Madison, a citizen of the United States, residing at 5219 Walnut Grove Road, Memphis, Tennessee 38117, hereinafter referred to as "ASSIGNOR", am the inventor of certain inventions or improvements for RAIL VEHICLE FOR TIE LOADING AND UNLOADING for which I have on August 20, 1998, executed an application for Letters Patent of the United States; and

WHEREAS, Harsco Technologies Corporation, a corporation of Minnesota, having a principal place of business at 415 N. Main Street, Fairmont, Minnesota 56031, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof:

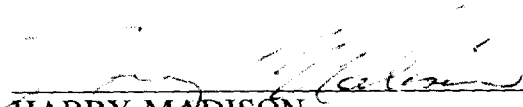
NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said ASSIGNEE, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said ASSIGNEE, my entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions, and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and its possessions and territories and in all foreign countries, and any reissue or reissues or extension or extensions of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE their heirs, 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 had this assignment, sale and transfer not have been made.

AND I hereby covenant that I have full right to convey my entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will, each time 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 inventions or improvements, said application and said Letters Patent in said ASSIGNEE, their heirs, assigns, nominees, or legal representatives, and I agree to communicate to said ASSIGNEE, or to their nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, and reissue applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, their heirs, assigns, nominees and legal representatives to obtain and enforce for their own benefit proper patent protection for said inventions or improvements in the United States and its possessions and territories and in all foreign countries;

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue to said ASSIGNEE, the entire right, title and interest, in and to any and all Letters Patent for said inventions or improvements, 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.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Dated: 7 Sep 93



HARRY MADISON