

12-03-2002



Attorney Docket No. 509/39471
PATENT

102298998

RECORDATION OF ASSIGNMENT OF PATENTS

Box Assignments
Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

11002 U.S. PTO
10/30/02
11/22/02

Attn: Assignment Branch - Patents

Sir:

It is requested that the Assignment Branch record the properties listed below.

1. CONVEYING PARTY: Michael J. Hawthorne MRD 11/22/02
Name
2. RECEIVING PARTY: New York Air Brake Corporation
Name
748 Starbuck Avenue, Watertown, New York 13601
Address
3. INTEREST CONVEYED: Assignment
[Assignment, Surety,]
EXECUTION DATE: November 18, 2002
4. PROPERTY(IES): New application attached hereto
[Serial #(s), Patent #(s) New Application attached hereto (if Serial #s not given)]
5. CORRESPONDENCE ADDRESS: Barnes & Thornburg
750 17th Street, N.W., Suite 900
Washington, D.C. 20006
(202) 289-1313
6. FEE CALCULATION: 1 x \$40 = \$40.00 10301729
7. A check in the amount of \$ 40.00 made payable to the Commissioner of Patents and Trademarks is attached hereto.
8. Should there be any over- or under-payment, authorization to apply or charge the Deposit Account of Barnes & Thornburg, No. 02-1010 (509/39471) therefore is hereby granted.
9. The undersigned states that to the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted herewith is a true copy of the original document.

Total number of pages including cover sheet, attachments and documents: 2

Respectfully submitted,

BARNES & THORNBURG

Perry Palan
Reg. No. 26,213
(202) 289-1313

Date

11/22/02

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40.00 DP

PATENT
REEL: 013527 FRAME: 0149

**ASSIGNMENT
WORLD WIDE PATENT RIGHTS**

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to New York Air Brake Corporation (hereinafter called ASSIGNEE), a Delaware corporation of 748 Starbuck Avenue, Watertown, New York 13601, its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America and all foreign countries, in and to the invention entitled:

METHOD AND APPARATUS OF MONITORING A RAILROAD HUMP YARD

the specification of which is filed herein and was invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, and all United States Letters Patent which may be granted therefor, and all divisions, continuations, and extensions thereof, the said interest being the entire ownership of the said Letters Patent and any foreign Letters Patent when granted, to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, as well as any papers necessary to procure foreign patents on said invention, or otherwise to secure the title thereto in said ASSIGNEE;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said ASSIGNEE.

INVENTOR:	Michael J. Hawthorne
Citizenship:	US
Post Office Address/	2319 Denham Drive
Residence:	Arlington, Texas 76001

11/18/02
(Date)

Michael J. Hawthorne
Signature of Inventor

Ben Burr
Witness