

02-11-2000

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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ATTORNEY DOCKET NO: 9157

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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):  Robert P. Bozio Raymond C. Franke		2. Name and address of receiving party(ies):  Name: Union Switch & Signal, Inc.  Internal Address: Street Address: 1000 Technology Drive  City: Pittsburgh State: PA Zip: 15219-3T20	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			
Execution Date: 1/19/2000; 1/18/2000			
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: 1/17/2000; 1/17/2000  A. Patent Application No.(s): B. Patent No.(s) 09/490976  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Kirk D. Houser Eckert Seamans Cherin & Mellott, LLC  Internal address: Street Address: 600 Grant Street, 44 <sup>th</sup> Floor  City: Pittsburgh State: PA Zip: 15219		6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41) ..... \$ 40.00 *  <input checked="" type="checkbox"/> Enclosed * \$874.00 check includes \$40.00 fee <input type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number:  (Attach duplicate copy of this page if paying by deposit account)	

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03 FC:581 Statement and signature. 40.00 DP  
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.Kirk D. Houser, Reg. No. 37,357  
Name

Signature

January 24, 2000  
Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Patent Application  
Washington, DC 20231

## ASSIGNMENT

WHEREAS, **ROBERT P. BOZIO**, residing at 132 Greylock Drive, Pittsburgh, PA 15235, and **RAYMOND C. FRANKE**, residing at 1822 Park Circle Drive, Glenshaw, PA 15116, have invented certain new and useful improvements in RAILWAY SWITCH MACHINE MOTOR CONTROL APPARATUS, for which I have this day executed an application for United States Letters Patent;

AND WHEREAS      UNION SWITCH & SIGNAL, INC  
                          1000 Technology Drive  
                          Pittsburgh, PA 15219-3120

hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to me by said assignee, receipt whereof I hereby acknowledge, I do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. I covenant that I am the lawful owner of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that I have the full right to make this assignment.

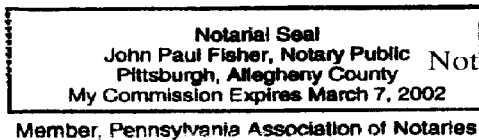
And for the consideration aforesaid, I agree that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon my heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED Jan 19, 2000.Robert P. Bozio  
ROBERT P. BOZIOCommonwealth of Pennsylvania :  
: SS:  
County of Allegheny :

Before me, a Notary Public in and for the said County and Commonwealth, personally appeared ROBERT P. BOZIO, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 19TH day of JANUARY, 2000.

(Notarial Seal)



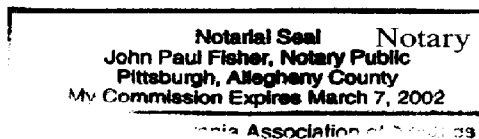
Notary Public

John Paul FisherEXECUTED Jan 18, 2000.Raymond C. Franke  
RAYMOND C. FRANKECommonwealth of Pennsylvania :  
: SS:  
County of Allegheny :

Before me, a Notary Public in and for the said County and Commonwealth, personally appeared RAYMOND C. FRANKE, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 18TH day of JANUARY, 2000.

(Notarial Seal)



Notary Public

John Paul Fisher