

MRD 7.17.98

07-30-1998



100780944

by Docket No.:
Date:

1488-03100
July 16, 1998

ASSIGNMENT (DOCUMENT) COVER SHEET - PATENT

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof:

jc518 U.S. PTO
09/118524
07/17/98

1. Name of conveying party(ies) (Assignor):

Stephen S. Roop and Leonard G. Ruback

2. Name and address of party(ies) to whom transfer is made:

THE TEXAS A&M UNIVERSITY SYSTEM
310 Wisenbaker
College Station, Texas 77843-3369

3. Nature of conveyance:

Assignment Change of Name Other _____

Execution Date: July 15, 1998

4. Identification of application:

Inventor(s): Stephen S. Roop and Leonard G. Ruback
Serial/Patent No.: Not Yet Assigned
Filing Date: Concurrently Herewith
Title of Invention: Intelligent Rail Crossing Control System and Train Tracking System

5. Address to which document should be returned after recordal:

SHAWN HUNTER
Conley, Rose & Tayon, P.C.
P. O. Box 3267
Houston, Texas 77253-3267

6. Total number of pages including cover sheet, attachments and document: 4

7. Fee payment is provided for as follows:

- New Application Transmittal (Item I3)
- FWC Transmittal (Item VIII)
- Attached is a check in the sum of \$ _____
- Charge account No. 03-2769 if any additional fee is due or credit account No. 03-2769 with any overpayment.
- Charge account No. 03-2769 for any fees due.

8. 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.

SHAWN HUNTER
Reg. No. 36,168
Conley, Rose & Tayon, P.C.
P. O. Box 3267
Houston, Texas 77253-3267
Tel. No. (713) 238-8000

07/24/1998 MULLARI 00000055 09118524

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PATENT

REEL: 9341 FRAME: 9198 Total Number of Pages Comprising Cover Sheet: 1

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by THE TEXAS A&M UNIVERSITY SYSTEM, the receipt and sufficiency of which are hereby acknowledged, we, STEPHEN S. ROOP and LEONARD G. RUBACK ("ASSIGNORS"), having made an invention in INTELLIGENT RAIL CROSSING CONTROL SYSTEM AND TRAIN TRACKING SYSTEM, while in the employ either as an employee or consultant of THE TEXAS A&M UNIVERSITY SYSTEM, a Texas State Agency doing business at COLLEGE STATION, TEXAS (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said THE TEXAS A&M UNIVERSITY SYSTEM its successors and assigns, the entire right, title and interest throughout the world in and to:


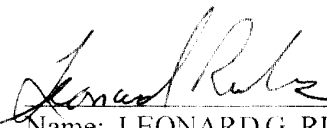
1. Said invention in INTELLIGENT RAIL CROSSING CONTROL SYSTEM AND TRAIN TRACKING SYSTEM;
2. United States of America patent application on said invention, Attorney's File No. 1488-03100, executed by us concurrently herewith, entitled INTELLIGENT RAIL CROSSING CONTROL SYSTEM AND TRAIN TRACKING SYSTEM;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and

statutes:

6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection:
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite our signatures.

		ASSIGNORS
Date:	<u>7-15-78</u>	<u></u>
Executed at:	<u>College Station, TX</u>	Name: STEPHEN S. ROOP
Date:	<u>7-15-78</u>	<u></u>
Executed at:	<u>College Station, TX</u>	Name: LEONARD G. RUBACK

THE STATE OF Mississippi §

COUNTY OF Waltham §

BEFORE ME, the undersigned authority, on this day personally appeared STEPHEN S. ROOP, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 15 day of July, 1998.

[SEAL]

Jimmy A. Clement
Notary Public in and for
the State of Mississippi

My Commission Expires: 6/1/2000

THE STATE OF Mississippi §

COUNTY OF Waltham §

BEFORE ME, the undersigned authority, on this day personally appeared LEONARD G. RUBACK, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 15 day of July, 1998.

[SEAL]

Jimmy A. Clement
Notary Public in and for
the State of Mississippi

My Commission Expires: 6/1/2000