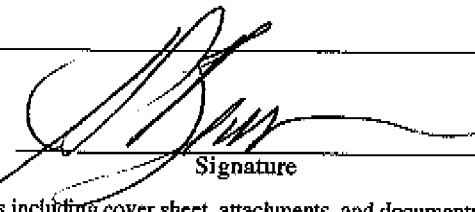


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|---|--|--|--|--|--|
| Form PTO-1595<br>(Rev. 10/02)<br>OMB No. 0651-0027 (exp. 6/30/2005)   |  | <b>RECORDATION FORM COVER SHEET</b><br><b>PATENTS ONLY</b> |  | U.S. DEPARTMENT OF COMMERCE<br>Patent and Trademark Office |  |
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.   |  |  |  |  |  |
| 1. Name of conveying party(ies):<br>Triangle Engineered Products Company<br><br>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  |  | 2. Name and address of receiving party(ies):<br>Name: Harris Trust and Savings Bank,<br>as administrative agent<br><br>Internal Address:<br><br>Street Address: 111 West Monroe Street<br><br>City: Chicago State: IL Zip: 60603<br><br>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |  |
| 3. Nature of conveyance:<br><input type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><input checked="" type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br><input type="checkbox"/> Other<br><br>Execution Date: October 25, 2004   |  |  |  |  |  |
| 4. Application number(s) or patent number(s):<br><br>If this document is being filed together with a new application, the execution date of the application is:<br>A. Patent Application No(s).<br>B. Patent No(s).<br>5,183,134<br>5,479,895<br><br>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:<br>Name: Jane S. Berman<br>Internal Address: Chapman and Cutler LLP<br><br>Street Address: 111 West Monroe Street<br><br>City: Chicago State: IL ZIP: 60603   |  |  | 6. Total number of applications and patents involved: <input type="text" value="2"/><br><br>7. Total fee (37 CFR 3.41) \$ 80.00<br><input type="checkbox"/> Enclosed<br><input checked="" type="checkbox"/> Authorized to be charged to deposit account<br><br>8. Deposit account number:<br>50-0305<br>(Attach duplicate copy of this page if paying by deposit account)<br>Attorney Docket No. 1598226 |  |  |
| DO NOT USE THIS SPACE   |  |  |  |  |  |
| 9. Signature:<br><div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div>           Jane S. Berman<br/>           Name of Person Signing         </div> <div style="text-align: center;"> <br/>           Signature         </div> <div>           November 2, 2004<br/>           Date         </div> </div> <div style="text-align: right; margin-top: 10px;">           Total number of pages including cover sheet, attachments, and document: <input type="text" value="7"/> </div> |  |  |  |  |  |

MAIL DOCUMENTS TO BE RECORDED WITH REQUIRED COVER SHEET INFORMATION TO:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, DC 20231

**EXHIBIT X  
TO PATENT COLLATERAL AGREEMENT**

| <b>LIST OF PATENTS</b> |                                       |               |                    |                   |                   |
|------------------------|---------------------------------------|---------------|--------------------|-------------------|-------------------|
| <b>COMPANY</b>         | <b>DESCRIPTION</b>                    | <b>PATENT</b> | <b>FILING DATE</b> | <b>ISSUE DATE</b> | <b>EXPIRATION</b> |
| TRI                    | Lubrication System for Air Compressor | USP-05183134  | 1/13/92            | 2/2/93            | 1/13/12           |
| TRI                    | Dual Valve Engine Protective Device   | USP-05479895  | 2/17/95            | 1/2/96            | 2/17/15           |

**PATENT COLLATERAL AGREEMENT**

This 25th day of October, 2004, STANDARD CAR TRUCK COMPANY, a Delaware corporation (the "*Borrower*"), and the other parties to this Agreement under the heading "*Debtors*" (the Borrower and such other parties being hereinafter referred to collectively as the "*Debtors*" and individually as the "*Debtor*"), each with its principal place of business and mailing address at 865 Busse Highway, Park Ridge, Illinois 60068, in consideration of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, grant to Harris Trust and Savings Bank, an Illinois banking corporation ("*HTSB*") with its mailing address at 111 West Monroe Street, Chicago, Illinois 60603, acting as administrative agent hereunder defined for the Secured Creditors defined in that certain Security Agreement hereunder defined (HTSB acting as such administrative agent in such capacity being hereinafter referred to as "*Agent*") a continuing security interest in, the following property:

(i) Each patent and patent application listed on Schedule A hereto and all of the inventions described and claimed therein and any and all reissues, continuations, continuations-in-part or extensions thereof; and

(ii) All proceeds of the foregoing, including without limitation any claim by a Debtor against third parties for damages by reason of past, present or future infringement of any patent or patent application listed on Schedule A hereto, together with the right to sue for and collect said damages;


to secure performance of all Secured Obligations of the Debtors as set out in that certain Security Agreement bearing even date herewith between the Debtors, certain other subsidiaries of the Borrower and the Agent (such Security Agreement, as the same may be amended, modified, supplemented or restated from time to time herein referred to as the "*Security Agreement*").

Each Debtor does hereby further acknowledge and affirm that the rights and remedies of Agent with respect to the security interest in the patents and patent applications made and granted hereby are more fully set forth in the Security Agreement.


The term "*Debtor*" and "*Debtors*" as used herein shall mean and include the Debtors collectively and also each individually, with all grants, assignments, pledges and representations of and by the Debtors, or any of them, herein contained to constitute joint and several grants, assignments, pledges and representations of and by the Debtors; *provided, however*, that unless the context in which the same is used shall otherwise require, any grant, assignment, pledge or representation contained herein related to the property described above shall be made by each Debtor only with respect to the property owned by it or represented by such Debtor as owned by it.

IN WITNESS WHEREOF, each Debtor has caused this Patent Collateral Agreement to be executed as of the date and year first above written.

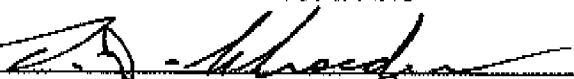
## STANDARD CAR TRUCK COMPANY

By   
Name DANIEL J. SCHROEDER  
Title COO


STANDARD RESEARCH AND DESIGN  
CORPORATION

By   
Name DANIEL J. SCHROEDER  
Title VP


## ANCHOR BRAKE SHOE COMPANY

By   
Name DANIEL J. SCHROEDER  
Title VP

TRIANGLE ENGINEERED PRODUCTS COMPANY,  
a division of Standard Car Truck Company

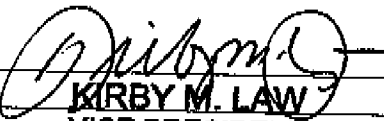
By   
Name DANIEL J. SCHROEDER  
Title VP

## DUROX COMPANY

By   
Name DANIEL J. SCHROEDER  
Title VP

Accepted and Agreed to as of the date and year first above written.

HARRIS TRUST AND SAVINGS BANK, as  
administrative agent

By   
Name: KIRBY M. LAW  
Title: VICE PRESIDENT

**SCHEDULE A  
TO PATENT COLLATERAL AGREEMENT**

| <b>LIST OF PATENTS</b> |   |               |                    |                   |                   |
|------------------------|---|---------------|--------------------|-------------------|-------------------|
| <b>COMPANY</b>         | <b>DESCRIPTION</b>  | <b>PATENT</b> | <b>FILING DATE</b> | <b>ISSUE DATE</b> | <b>EXPIRATION</b> |
| SCT                    | Hubodometer Adapted for Selectable Gear Ratios                                      | USP-04506147  | 3/14/84            | 3/19/85           | 3/14/04           |
| ABS                    | Composition Railway Brake Shoe  | USP-04781275  | 4/30/84            | 11/1/88           | 11/1/05           |
| SRDC                   | Frameless Radial Truck  | USP-04676172  | 10/4/85            | 6/30/87           | 10/4/05           |
| SCT                    | Friction Casting for a Bolster Pocket   | USP-04974521  | 6/20/88            | 12/4/90           | 6/20/08           |
| SCT                    | Universal Wheel Restraining Cleat and Strap Assembly for Wheel Chocks               | USP-05011347  | 11/29/89           | 4/30/91           | 11/29/09          |
| SCT                    | Wheel Chock for a Motor Vehicle Container   | USP-05037255  | 2/26/90            | 8/6/91            | 2/26/10           |
| SCT                    | Railroad Car Truck Damping Member Construction with Open Cavity and Support Rib     | USP-05176083  | 4/23/91            | 1/5/93            | 4/23/11           |
| ABS                    | Method for producing Friction Compositions and Products                             | USP-05132065  | 4/24/91            | 7/21/92           | 4/24/11           |
| ABS                    | Railroad Brake Shoe   | USP-05234082  | 7/2/91             | 8/10/93           | 7/2/11            |
| SRDC                   | Brace Connection for Frame Braced Truck   | USP-05243920  | 7/22/91            | 9/14/93           | 7/22/11           |
| TRI                    | Lubrication System for Air Compressor   | USP-05183134  | 1/13/92            | 2/2/93            | 1/13/12           |
| SCT                    | User Friendly Wheel Chock System  | USP-05316421  | 10/29/92           | 5/31/94           | 10/29/12          |
| ABS                    | Railroad Brake Shoe   | USP-05341904  | 3/26/93            | 8/30/94           | 3/26/13           |
| SCT                    | Process for Making Railroad Car Truck Wear Plates                                   | USP-05518557  | 2/2/94             | 5/21/96           | 2/2/14            |
| ABS                    | Railroad Brake Shoe   | USP-05407031  | 4/18/94            | 4/18/95           | 4/18/14           |
| SCT                    | Friction Casting for a Bolster Pocket   | USP-RE34963   | 5/3/94             | 6/13/95           | 5/3/14            |
| SCT                    | Dual Face Friction Wedge  | USP-05511489  | 5/17/94            | 4/30/96           | 5/17/14           |
| SCT                    | Pad of Substantially Rigid Synthetic Resin for a Friction Wedge in a Bolster Pocket | USP-05555817  | 7/1/94             | 9/17/96           | 7/1/14            |
| SCT                    | Unitary Bowl Liner of Substantially Rigid Synthetic Resin for a Bolster of a Truck  | USP-05481985  | 7/1/94             | 1/9/96            | 7/1/14            |
| SCT                    | Diagonally Braced Rail  | USP-05461986  | 7/5/94             | 10/31/95          | 7/5/14            |

|      |  |              |          |          |          |
|------|--|--------------|----------|----------|----------|
|      | Truck with Improved End Block                                      |              |          |          |          |
| DUR  | Valve Cover  | USP-05492086 | 9/15/94  | 2/20/96  | 9/15/14  |
| SCT  | Telescopic Bridge Plate Assembly                                   | USP-05535681 | 1/23/95  | 7/16/96  | 1/23/15  |
| TRI  | Dual Valve Engine Protective Device                                | USP-05479895 | 2/17/95  | 1/2/96   | 2/17/15  |
| SRDC | Center Clamp Assembly for Frame Brace Rail Truck                   | USP-05584250 | 7/10/95  | 12/17/96 | 7/10/15  |
| SCT  | Rail Car Bridge Plate  | USP-05515792 | 7/12/95  | 5/14/96  | 7/12/15  |
| SCT  | Dual Face Friction Wedge   | USP-05555818 | 8/7/95   | 9/17/96  | 8/7/15   |
| SRDC | Frame Brace Integral Cross Brace Support Bracket                   | USP-05609109 | 9/11/95  | 3/11/97  | 9/11/15  |
| SRDC | Rail Car Side Frame Car Progressor Contact                         | USP-05579696 | 9/11/95  | 12/3/96  | 9/11/15  |
| SCT  | Roller Bearing Adapter Stabilizer Bar                              | USP-05735216 | 7/12/96  | 4/7/98   | 7/12/16  |
| SCT  | Process for Austempering Ductile Iron                              | USP-05753055 | 11/5/96  | 5/19/98  | 11/5/16  |
| SRDC | Frame Brace Universal Mounting Bracket Assembly                    | USP-05832838 | 1/2/97   | 11/10/98 | 1/2/17   |
| SCT  | Roller Bearing Adapter Stabilizer Bar                              | USP-05918547 | 11/17/97 | 7/6/99   | 11/17/17 |
| SCT  | Friction Wedge Design Optimized for High WFM and Low Damping Force | USP-06269752 | 5/6/99   | 8/7/01   | 5/6/19   |
| SRDC | Frame Brace and Center Clamp                                       | USP-06357360 | 11/1/99  | 3/19/02  | 11/1/19  |
| SCT  | Rail Car Truck Pedestal Shear Pad                                  | USP-06422155 | 10/3/00  | 7/23/02  | 10/3/20  |
| ABS  | Backing Plate with Reinforcing Members                             | USP-06336532 | 2/15/01  | 1/8/02   | 2/15/21  |
| SCT  | Pedestal Shear Pad   | USP-06591759 | 11/28/01 | 7/15/03  | 11/28/21 |
| SCT  | Friction Wedge Design Optimized for High Warp Friction Movement    | USP-06688236 | 1/29/01  | 2/10/04  | 1/29/21  |

Note: SCT is Standard Car Truck Company, SRDC is Standard Research and Design Corporation, ABS is Anchor Brake Shoe Company, DUR is Durox Company and TRI is Triangle Engineered Products Company, a division of Standard Car Truck Company.

**PENDING U.S. PATENTS**

NONE