

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3970087

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHAUN RICHMOND	07/19/2016
BRANT R. MCGHEE	07/19/2016
KENNETH W. HUCK	07/19/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TRINITY INDUSTRIES, INC.
<b>Street Address:</b>	2525 STEMMONS FREEWAY
<b>City:</b>	DALLAS
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75207
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15214827
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)661-4552
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	214.953.6500
<b>Email:</b>	ptomail1@bakerbotts.com
<b>Correspondent Name:</b>	BAKER BOTTS L.L.P.
<b>Address Line 1:</b>	2001 ROSS AVENUE
<b>Address Line 2:</b>	SUITE 600
<b>Address Line 4:</b>	DALLAS, TEXAS 75201-2980
<b>ATTORNEY DOCKET NUMBER:</b>	091078.2007
<b>NAME OF SUBMITTER:</b>	ELIZABETH TURLO
<b>SIGNATURE:</b>	/Elizabeth Turlo/
<b>DATE SIGNED:</b>	07/20/2016
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

**WHEREAS**, I, the undersigned inventor of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

**WHEREAS**, Trinity Industries, Inc. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of 2525 Stemmons Freeway, Dallas, Texas 75207, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all provisionals, divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

ATTORNEY DOCKET NO.  
091078.2007

PATENT ASSIGNMENT

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This Assignment shall be binding on the parties' successors, assigns and legal representatives.

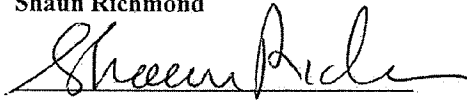
Title of Invention:

**HOURGLASS AUTORACK CAR**

Full name of the first inventor:

**Shaun Richmond**

Inventor's signature:



Residence (City, State):

Frankfort, IL

Date:

19 July 2016

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**PATENT**  
**REEL: 039199 FRAME: 0258**

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PATENT ASSIGNMENT

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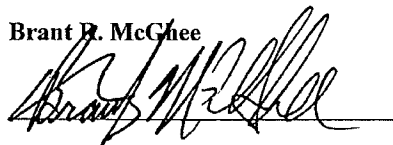
Title of Invention:

**HOURGLASS AUTORACK CAR**

Full name of the first inventor:

**Brant R. McGhee**

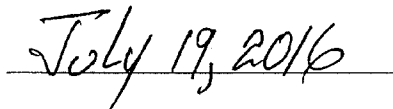
Inventor's signature:

A handwritten signature in black ink, appearing to read "Brant R. McGhee", written over a horizontal line.

Residence (City, State):

Arlington, Texas

Date:

A handwritten date "July 19, 2016" written in black ink over a horizontal line.

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**PATENT**  
**REEL: 039199 FRAME: 0259**

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091078.2007

PATENT ASSIGNMENT

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Title of Invention: **HOURLASS AUTORACK CAR**

Full name of the first inventor: **Kenneth W. Huck**

Inventor's signature: *Kenneth W. Huck*

Residence (City, State): Fairview, Texas

Date: 19 Jul 2016

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