PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| LEON TRAMMELL | 09/08/2009 |
| HIROSHI TAKAKI | 08/04/2009 |

RECEIVING PARTY DATA

| Name: | TRAMCO, INC. |
|-----------------|--------------|
| Street Address: | 1020 E. 19TH |
| City: | WICHITA |
| State/Country: | KANSAS |
| Postal Code: | 67214 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12510519 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: TRAMCO P216229

NAME OF SUBMITTER: MICHAEL R. SCHACHT

Total Attachments: 1

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PATENT REEL: 023230 FRAME: 0832

ASSIGNMENT

WHEREAS WE, Leon Trammell and Hiroshi Takaki (hereinafter referred to as "ASSIGNORS"), have made a new and useful invention relating to Systems and Methods for Designing and Manufacturing Engineered Objects, for which invention ASSIGNORS executed an application for Letters Patent of the United States, which application has been identified as Serial No. 12/510,519 filed in the United States Patent and Trademark Office on July 28, 2009, which application is a continuation of U.S. Serial No. 12/070,603 filed February 19, 2008, which is a continuation of U.S. Serial No. 11/430,798 filed May 9, 2006, now U.S. Pat. No. 7.333,868, which claims benefit of U.S., Provisional Serial No. 60/679,447 filed May 10, 2005;

TRAMCO, INC., (hereinafter referred to as "ASSIGNEE"), a corporation duly organized under the laws of the State of Kansas, having its principal place of business at 1020 E. 19th, Wichita, Kansas 67214, is desirous of acquiring the entire right, title and interest in and to said invention, and any and all continuation, divisional, renewal, substitute or reissue applications based thereon, and any and all Letters Patents, both foreign and domestic, to be issued therefrom;

NOW, THEREFORE, for and in consideration of the One Dollar (\$1.00) and other good and valuable consideration, to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and set over, and by these presents do hereby sell, assign and set over unto said ASSIGNEE and said ASSIGNEE's legal representatives, successors and assigns, the full and exclusive right, title and interest in and to the said invention, and any and all patent applications for Letters Patent of the United States, continuation, division, renewal, substitute or reissue applications based thereon that may hereafter be filed; for the full term or terms for which the same may be granted; all corresponding foreign applications which have or shall hereafter be filed; and, all foreign patents to be obtained on said invention for the full term or terms for which the same may be granted; said invention, application and Letters Patent, both foreign and domestic, to be held and enjoyed by ASSIGNEE for the use and benefit of ASSIGNEE and of ASSIGNEE's legal representatives, successors and assigns, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this Assignment and Sale not been made; and, we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

ASSIGNORS also agree that this Assignment includes ASSIGNORS' Priority Rights under the International Convention with respect to any and all corresponding foreign applications that have been or shall be filed in any country that is a signatory thereto and a member of the union there defined within the Convention period, and also includes any rights under any other treaty or convention, relating to patents, including the Patent Cooperation Treaty.

ASSIGNORS further agree that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment and Sale.

ASSIGNORS further agree that they will, upon request by ASSIGNEE, but at ASSIGNEE's expense, promptly provide ASSIGNEE with all pertinent facts and documents relating to said invention, said application or any continuation, division, renewal, substitute or reissue thereof, and said Letters Patent, both foreign and domestic, as may be known and accessible to ASSIGNORS; and, that ASSIGNORS will testify as to the same in any interference, opposition or litigation related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention, and said Letters Patent, both foreign and domestic, which may be necessary or desirable to carry out the purposes hereof.

Executed at Towarda, Kansas, this 8th day of September, 2009.

Leon Trammell 9797 SW 40th Towanda, Kansas 67144

USA

Executed at Bellingham, Washington, this 4th day of August, 2009.

Hiroshi Takaki 234 Kelly Road Bellingham, Washington 98226

RECORDED: 09/15/2009

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