Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | |
|-------------------|----------------|--|
| Michael J. Eifert | 10/08/2007 | |
| Andrea Brown | 10/08/2007 | |
| Mark A. Schmale | 10/09/2007 | |
| Jeffrey R. Kelso | 10/08/2007 | |
| Timothy Juan | 10/08/2007 | |

RECEIVING PARTY DATA

| Name: | International Truck Intellectual Property Company, LLC | | |
|-------------------|--|--|--|
| Street Address: | 4201 Winfield Rd. | | |
| Internal Address: | Law Dept - 2W | | |
| City: | Warrenville | | |
| State/Country: | ILLINOIS | | |
| Postal Code: | 60555 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11974083 |

CORRESPONDENCE DATA

500486785

Fax Number: (630)753-2261

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 630-753-3023 Email: ptinfo@navistar.com Correspondent Name: Jeffrey P. Calfa Address Line 1: 4201 Winfield Rd. Address Line 2: Law Dept - 2W

Address Line 4: Warrenville, ILLINOIS 60555

ATTORNEY DOCKET NUMBER: D6189 2006.0808 N420

PATENT

REEL: 020647 FRAME: 0697

| NAME OF SUBMITTER: | Cathi Majewski |
|------------------------------------|----------------|
| Total Attachments: 6 | |
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| source=D6189USAssignment#page6.tif | |

PATENT REEL: 020647 FRAME: 0698

JOINT ASSIGNMENT

| WHEREAS, (1) Michael J. Eifert ; (2) Andrea Brown; (3) Mark A. Schmale; (4) Jeffrey R. Kelso; and (5) Timothy Juan |
|--|
| residing, respectively, at (1) 14128 Kintor Court, Fort Wayne, IN 46814 ; (2) 799 Royal Saint George Drive, Apt. #508 , Nape rville, IL 60563 ; (3) 10101 Fawns Rd., Fort Wayne, IN 46825; (4) 5520 Stonehill Court, Fort Wayne, IN 46835; and (5) 6905 Pointe Inverness Way, Fort Wayne, IN 46804 |
| (hereinafter referred to as ASSIGNORS) have invented certain new and useful improvements i nINTERNATIONAL Docket No. D 6189 titled: |
| Exhaust Temperature Reduction Device For Aftertreatment Devices |
| for which they are about to make application for Letters Patent in the United States, said application having a Declaration and Power of Attorney executed by ASSIGNORS respectively on (1) on the day of, 2007; (2) on the day of, 2007; (3) on the day of, 2007; (5) on the day of, 2007 |
| or is identified subsequent to filing in the United States Patent and Trademark Office as Serial No. |
| WHEREAS, INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, a |

WHEREAS, INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, a corporation existing under the laws of the State of Illinois, (hereinafter referred to as INTERNATIONAL) having its principal place of business at 4201 Winfield Road, Warrenville, Illinois 60555 is desirous of acquiring the entire right, title and interest in and to the aforesaid invention or inventions, and any Letters Patent granted hereon by the United States of America and any foreign country;

NOW THEREFORE, in consideration of the sum of One Dollar and other valuable consideration received by ASSIGNORS from INTERNATIONAL, the receipt of which is hereby acknowledged by ASSIGNORS, ASSIGNORS do hereby sell, assign, and transfer to INTERNATIONAL said invention or inventions, said application, divisional applications thereof, continuation applications thereof and any and all Letters Patent of the United States and any foreign country which may be granted therefor, and any reissue or reissues, or extension or extensions thereof, together with the right to file applications in, and to acquire Letters Patent in, all countries foreign to the United States in the name of INTERNATIONAL or as it may direct, and to claim for such foreign applications and Letters Patent the priority date of filing of the said International or United States application under the provisions of the Patent Cooperation Treaty, the International Convention for the Protection of Industrial Property or the European Patent Convention in the countries in which it applies.

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or inventions or resulting from said application, or any division or divisions or continuations thereof to INTERNATIONAL as assignee of the entire interest.

I

PATENT REEL: 020647 FRAME: 0699

ASSIGNORS hereby authorize INTERNATIONAL to insert the serial number and date(... of said application into this document after execution thereof.

s) of execution

ASSIGNORS do hereby covenant that they have full right to convey the entire interest herein flict herewith. assigned, and that they have not executed and will not execute any agreement in con-

ASSIGNORS further covenant that they will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or inventions, or any Letters therefor in any country in INTERNATIONAL, and that if INTERNATIONAL desires Patent that may be granted to secure a division, reissue, reexamination, or renewal of any such Letters Patent, that a disclaimer relating thereto should be filed, or make application for a corresponding pa tent in any foreign country, that they will, upon request, sign all papers, make all rightful paths, and do all lawful acts requisite for the application for f such such division, reissue, reexamination, or extension and the procuring thereof, or for the filing o disclaimer or foreign patent application without further compensation, but at the expense of INTERNATIONAL.

ASSIGNORS do further covenant and agree that they will, at any time, upon request, communicate nvention or inventions and Letters Patent, or the history thereof to INTERNATIONAL any facts relating to said i known to them, and testify as to the same in interferences or other litigation when requested so to do.

This assignment shall inure to the benefit of INTERNATIONAL, its successors, assigns legal representatives, and shall be binding upon ASSIGNORS, their heirs and legal representatives.

and other

IN WITNESS WHEREOF, they have executed this instrument.

State of Indiana

On this 80 day of Oct , 2007, before me came Michael J. Eifert, to me personally

this S day of October

known, and known to me to be the individual described in and who executed the foregoing assignment, and acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

Notary Public

| | | 20100 |
|---|---|---------------|
| (2) Andrea Brown | this <u>8</u> day of <u>0 ctober</u> | , 2007 |
| State of Illinois | | |
| County of) | | |
| On this day of | , 2007, before me came Andrea Brown, to r | me personally |
| known, and known to me to be the indi | ividual described in and who executed the foregoing ass | signment, and |
| acknowledged to me that she executed | the same of her own free will and for the purposes therei | n set forth. |
| OFFICIAL SEAL DIANE WOODS NOTARY PUBLIC - STATE OF ILLINOIS | Notary Public | |

therein set forth.

D6189

| (3) Mark A. Schmale | this | day of _ | GCTO13 | BAR | , 2007 |
|---------------------------------|------------------------|----------------|----------------|------------------|----------|
| State of Indiana) | | | | | |
| County of AIIED | | | | | |
| On this 9th day of Oct | 2007, | before me | came Mark | A. Schmale, | to me |
| personally known, and known to | me to be the individue | al described i | n and who e | xecuted the fo | oregoing |
| assignment, and acknowledged to | me that he executed th | ne same of his | s own free wil | II and for the p | urposes |

Notary Public

MELANIE STRACK RESIDENT: ALLEN CO. EXP. 11-11-09

| (4) | Juffy Z Kelon | thisday of | DOTOBER_ | , 2007 |
|-----|-----------------|------------|----------|--------|
| | Jeffrey R Kelso | | | |

State of Indiana

County of AllEW

On this 8th day of Oel , 2007, before me came Jeffrey R. Kelso, to me personally known, and known to me to be the individual described in and who executed the foregoing assignment, and acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

Notary Public MELANIE STRAIK RESIDENT: ALLEN Co. Exp. 11-11-09

| 0.4 | | | | |
|---|-------------|--------------------------|----------------------|--------|
| (5) Timothy Juan | pp_ | this <u>&</u> day of | 10 | , 2007 |
| State of Indiana County of AVEN |))) | | | |
| On this day of known, and known to me to | | | ame Timothy Juan, to | |
| acknowledged to me that he | , | | | |
| | | Melanin Strack | | |

Notary Public MELANIE STRACK RESIDENT: ALLEN

Exp. 11-11-09