

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MAN Diesel & Turbo SE | 09/14/2012 |
| RECEIVING PARTY DATA | |
| Name: | ThyssenKrupp Uhde GmbH |
| Street Address: | Friedrich-Uhde-Strasse 15 |
| City: | Dortmund |
| State/Country: | GERMANY |
| Postal Code: | 44141 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Patent Number: | 6264910 |
| CORRESPONDENCE DATA | |
| Fax Number: | 2129408986 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
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| ATTORNEY DOCKET NUMBER: | 053735-87542 |
| NAME OF SUBMITTER: | Hassan A. Shakir |
| Total Attachments: 5 source=AssignmentMANtoThyssen#page1.tif source=AssignmentMANtoThyssen#page2.tif source=AssignmentMANtoThyssen#page3.tif source=AssignmentMANtoThyssen#page4.tif source=AssignmentMANtoThyssen#page5.tif | |

CH \$40.00 6264910

PATENT

ASSIGNMENT OF PATENT

WHEREAS,

MAN Diesel & Turbo SE, a German Corporation ("Assignor"), having a place of business at Stadtbachstrasse 1, 86153 Augsburg, Germany

is co-owner of the right, title and interest in and to U.S. Patent No. 6,264,910 issued on July 24, 2001, and the priority rights associated therewith ("the '910 Patent"); and

WHEREAS, the said Assignor desires to transfer, assign, convey, deliver, set over and vest all of the Assignor's right, title and interest for the United States, unto and in

ThyssenKrupp Uhde GmbH, a German corporation ("Assignee"), having a place of business at Friedrich-Uhde-Strasse 15, 44141 Dortmund, Germany, and

WHEREAS, Assignee desires to receive from Assignor all of the Assignor's right, title and interests in the '910 Patent;

NOW, **THEREFORE**, Assignor hereby assigns, conveys, transfers, delivers, sets over and vests to and in Assignee, its successors and assigns, absolutely and forever, all of the Assignor's right, title and interest in and to the '910 Patent, together with any and all reissues, reexaminations, renewals, continuations, divisional or extensions thereof that may be issued or granted, and all of the Assignor's right, title and interest to the inventions contained in said Patents and Applications, for the United States, and all of the Assignor's the rights and privileges relating thereto including but not limited to the priority rights arising from said Applications, the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, present and future infringement, and the right to apply for, take and maintain patents on said inventions. Assignor agrees to execute such further papers and do such other acts as may be necessary to obtain, renew, issue or enforce all of the '910 Patent, including, but not limited to any acts which may be necessary, desirable or convenient for claiming said priority rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title hereto in said Assignee, its successors, assigns and legal representatives.

IN WITNESS WHEREOF, MAN Diesel & Turbo SE., has caused this Patent Assignment to be

executed and delivered as of this 14 day of September, 2012.

By *Stefan Schlosser*

Printed Name: *Stefan Schlosser*

Title of Officer: *Patent Attorney*
For MAN Diesel & Turbo SE

By *Thomas Philippick*

Printed Name: *Thomas Philippick*

Title of Officer: *Patent engineer*
For MAN Diesel & Turbo SE

84613362_1_053735_87542_2684/MEINKE (053735-87542) Assignment of Patent

Attention:
Please see the attached authorization.



Augsburg, 29.08.2008

Handlungsvollmacht

Die MAN Diesel SE erteilt hiermit

Herrn Stefan Schlosser

Handlungsvollmacht im Sinne des § 54 Abs. 1 des Handelsgesetzbuches.

Der Inhaber dieser Vollmacht ist ab 01.10.2008 ermächtigt, zusammen mit einem anderen für die MAN Diesel SE Zeichnungsberechtigten alle Erklärungen abzugeben und zu unterzeichnen, die in Erfüllung dienstvertraglich übertragenen Aufgaben geeignet sind, Rechtswirkungen für und gegen das Unternehmen herbeizuführen.

MAN Diesel SE

Gurander

ppa.
Zahnweh

Auszug aus dem Handelsgesetzbuch

§ 54 Handlungsvollmacht

- I) Ist jemand ohne Erteilung der Prokura zum Betrieb eines Handelsgewerbes oder zur Vornahme einer bestimmten zu einem Handelsgewerbe gehörigen Art von Geschäften oder zur Vornahme einzelner zu einem Handelsgewerbe gehöriger Geschäfte ermächtigt, so erstreckt sich die Vollmacht (Handlungsvollmacht) auf alle Geschäfte und Rechtshandlungen, die der Betrieb eines derartigen Handelsgewerbes oder die Vornahme derartigen Geschäfte gewöhnlich mit sich bringt.
- II) Zur Veräußerung oder Belastung von Grundstücken, zur Eingehung von Wechselverbindlichkeiten, zur Aufnahme von Darlehen und zur Prozessführung ist der Handlungsbevollmächtigte nur ermächtigt, wenn ihm eine solche Befugnis besonders erteilt ist.
- III) Sonstige Beschränkungen der Handlungsvollmacht braucht ein Dritter nur dann gegen sich gelten zu lassen, wenn er sie kannte oder kennen musste.

Vorsitzender des Aufsichtsrates:
Håkan Samuelsson
Vorstand: Dr.-Ing. Georg Pachta-Reyhofen (Vorsitzender),
Jan Gurander, Dr.-Ing. Peter Sunn Pedersen, Tage Reinert,
Dr.-Ing. Stefan Spindler, Dr.-Ing. Stephan Timmermann
Sitz der Gesellschaft: Augsburg
Registergericht: Amtsgericht Augsburg, HRB 22056
Ust.-Id.-Nr.: DE 811 136 900 Steuer-Nr.: 143/801/86006

MAN Diesel SE
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Hausadresse: Stadtbachstraße 1, 86153 Augsburg, Germany
Telefon: +49 821 322-0, Telefax: +49 821 322-3382
<http://www.manbw.com>
Commerzbank Augsburg DE91 7204 0046 0121 6456 00 SWIFT: COBADEFF720
Dresdner Bank Augsburg DE34 7208 0001 0108 0854 00 SWIFT: DRESDEFF720
Deutsche Bank Augsburg DE93 7207 0001 0015 9244 00 SWIFT: DEUTDEMM720



Augsburg, 22.03.2010

Handlungsvollmacht

Die MAN Diesel & Turbo SE erteilt hiermit

Herrn Thomas Philippeck

Handlungsvollmacht im Sinne des § 54 Abs. 1 des Handelsgesetzbuches.

Der Inhaber dieser Vollmacht ist ab 22.03.2010 ermächtigt, zusammen mit einem anderen für die MAN Diesel & Turbo SE Zeichnungsberechtigten alle Erklärungen abzugeben und zu unterzeichnen, die in Erfüllung dienstvertraglich übertragenen Aufgaben geeignet sind, Rechtswirkungen für und gegen das Unternehmen herbeizuführen.

MAN Diesel & Turbo SE

Auszug aus dem Handelsgesetzbuch

§ 54 Handlungsvollmacht

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- III) Sonstige Beschränkungen der Handlungsvollmacht braucht ein Dritter nur dann gegen sich gelten zu lassen, wenn er sie kannte oder kennen musste.

MAN Diesel



Augsburg, August 29, 2008

Commercial Power of Attorney

MAN Diesel SE hereby confers the Commercial Power of Attorney to

Mr. Stefan Schlosser

within the meaning of Section 54, paragraph 1 of the German Commercial Code.

The holder of this power of attorney is authorized as of October 1, 2008, to issue and sign together with another authorized signatory of MAN Diesel any statements in performing any tasks in terms of the contract of employment, and which are suitable to have legal effect for and against the corporation.

MAN Diesel SE

A handwritten signature in black ink, appearing to be "Gurander".

Gurander

ppa [by proxy]

A handwritten signature in black ink, appearing to be "Zahnweh".

Zahnweh

Extract from the German Commercial Code
§ 54 Commercial Power of Attorney

- I) Anybody authorized to carry on a trade or a business or to perform a specific type of business in connection with the trade of the business or to perform individual business transactions associated with a trade or a business, but without having been granted the signatory authority [*Prokura*], then such authority (Commercial Power of Attorney) shall apply to all business transactions and legal acts which are normally associated with the operation of such business or trade for performing such business.
- II) A person holding a Commercial Power of Attorney shall only be entitled to sell or encumbrance real estate, or incur liabilities of bills payable, taking up loans and enter into litigation, if such authority has been specifically issued.
- III) Any third party shall permit other limitations of the Commercial Power of Attorney only if the third party knew them or must have known them.

Chairman of the supervisory board:
Hakan Samuelson
Board of directors: Dr. Ing. Georg Pachta-Reyhofen
Jan Gurander, Dr.-Ing. Peter Sunn Pedersen,
Tage Reinert, Dr.-Ing. Stephan Timmermann
Company head office: Augsburg
Registration Court: Augsburg Municipal Court HRB 22056
Sales tax ID: DE 811 136 900 Tax ID: 143/801/86006

MAN Diesel SE
Mailing address: 86224 Augsburg, Germany
Physical address: Stadtbachstr. 1, 86153 Augsburg, Germany
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<http://www.manbw.com>
Commerzbank Augsburg DE 91 7204 0046 0121 6456 00 SWIFT: COBADEFF720
Dresdner Bank Augsburg DE 34 7208 0001 0108 0854 00 SWIFT: DRESDEFF720
Deutsch Bank Augsburg DE 93 7207 0001 0015 9244 00 SWIFT: DEUTDEMM720



Augsburg, March 22, 2010

Commercial Power of Attorney

MAN Diesel SE hereby confers the Commercial Power of Attorney to

Mr. Thomas Phillipeck

within the meaning of Section 54, paragraph 1 of the German Commercial Code.

The holder of this power of attorney is authorized as of March 22, 2010, to issue and sign together with another authorized signatory of MAN Diesel any statements in performing any tasks in terms of the contract of employment, and which are suitable to have legal effect for and against the corporation.

MAN Diesel & Turbo SE

A handwritten signature in black ink, appearing to be 'Thomas Phillipeck', written over a faint, illegible stamp or background.

Extract from the German Commercial Code
§ 54 Commercial Power of Attorney

- I) Anybody authorized to carry on a trade or a business or to perform a specific type of business in connection with the trade of the business or to perform individual business transactions associated with a trade or a business, but without having been granted the signatory authority [*Prokura*], then such authority (Commercial Power of Attorney) shall apply to all business transactions and legal acts which are normally associated with the operation of such business or trade for performing such business.
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Chairman of the supervisory board:
Dr. Ing. Georg Pachta-Reyhofen
Board of directors:
Dipl. Wirtsch.-Ing. Stefan Spindler; Jan Gurander,
Dr.-Ing. Hans-Otto Jeske, Dr.-Ing. Stephan Timmermann
Company head office: Augsburg
Registration Court: Augsburg Municipal Court HRB 22058
Sales tax ID: DE 811 136 900 Tax ID: 143/801/86006

MAN Diesel & Turbo SE
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MAN Diesel & Turbo - a member of the MAN Group