

# PATENT ASSIGNMENT

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
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<b>RECEIVING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Hitachi Construction Machinery Co., Ltd.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>5-1, Koraku 2-chome</td> </tr> <tr> <td><b>City:</b></td> <td>Bunkyo-ku, Tokyo</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>112-8563</td> </tr> </table>		<b>Name:</b>	Hitachi Construction Machinery Co., Ltd.	<b>Street Address:</b>	5-1, Koraku 2-chome	<b>City:</b>	Bunkyo-ku, Tokyo	<b>State/Country:</b>	JAPAN	<b>Postal Code:</b>	112-8563				
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<b>CORRESPONDENCE DATA</b>															
<p>Fax Number: (202)628-8844</p> <p>Phone: 2026242500</p> <p>Email: Galemousavi@crowell.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Crowell &amp; Moring LLP</p> <p>Address Line 1: P.O. Box 14300</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20044-4300</p>															
<b>ATTORNEY DOCKET NUMBER:</b>	080306.63832US														

OP \$40.00 13256868

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**PATENT**  
**REEL: 027208 FRAME: 0161**

NAME OF SUBMITTER:

Jeffrey D. Sanok

Total Attachments: 2

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**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**Hitachi Construction Machinery Co., Ltd.,**  
**5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-8563, Japan**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

**HYDRAULIC DRIVE APPARATUS FOR CONSTRUCTION EQUIPMENT**

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,  
☐ executed on \_\_\_\_\_,  
☐ Serial No. \_\_\_\_\_, filed \_\_\_\_\_,  
☒ PCT International Application, No.: PCT/JP2010/054362, filed on March 15, 2010.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **CROWELL & MORING, L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Inventor one:  
Citizen of Japan

Naoki HAGIWARA

Naoki Hagihara  
(Signature of witness (optional))

Naoki HAGIWARA  
(Signature of 1st inventor)

9/2/2011  
(Date)

**Inventor two:**

Citizen of: Japan

K.S. 9/2/2011

Noriyuki Suzuki  
Kensuke SATO  
(Signature of witness (optional))

**Tsuyoshi NAKAMURA**

Tsuyoshi Nakamura  
(Signature of 2nd inventor)

9/2/2011  
(Date)

**Inventor three:**

Citizen of: Japan

**Kensuke SATO**

Noriyuki Suzuki  
(Signature of witness (optional))

Kensuke SATO  
(Signature of 3rd inventor)

9/2/2011  
(Date)

**Inventor four:**

Citizen of: Japan

**Yasuo OKANO**

Noriyuki Suzuki  
(Signature of witness (optional))

Yasuo Okano  
(Signature of 4th inventor)

9/2/2011  
(Date)

**Inventor five:**

Citizen of: Japan

**Kouji ISHIKAWA**

Noriyuki Suzuki  
(Signature of witness (optional))

Kouji Ishikawa  
(Signature of 5th inventor)

9/2/2011  
(Date)

**Inventor six:**

Citizen of: Japan

**Masanori EZAWA**

Noriyuki Suzuki  
(Signature of witness (optional))

Masanori Ezawa  
(Signature of 6th inventor)

<sup>14.E</sup> 9/2/2011  
~~9/13/2011~~  
(Date) 9/2/2011

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.