

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAWASAKI JUKOGYO KABUSHIKI KAISHA	07/11/2011
SUMITOMO HEAVY INDUSTRIES, LTD.	07/11/2011

RECEIVING PARTY DATA

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Postal Code:	114-8562

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PATENT
REEL: 026759 FRAME: 0667

CH \$40.00 7743444

Name:	HITACHO Zosen CORPORATION
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State/Country:	JAPAN
Postal Code:	108-8215

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7743444

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REEL: 026759 FRAME: 0668

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ATTORNEY DOCKET NUMBER:	CREO1.001APC
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NAME OF SUBMITTER:	Raymond D. Smith (Reg. No. 55,634)
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Total Attachments: 4 source=CREO1_001APC_ASSIGNMENT#page1.tif source=CREO1_001APC_ASSIGNMENT#page2.tif source=CREO1_001APC_ASSIGNMENT#page3.tif source=CREO1_001APC_ASSIGNMENT#page4.tif
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Patent No.: 7,743,444
Issue Date: June 29, 2010

PATENT
Client Code: CREO1.001APC
Page 1

ASSIGNMENT

WHEREAS:

Kawasaki Jukogyo Kabushiki Kaisha, with its principal place of business at 1-1, Higashikawaski-Cho 3-Chome, Chuo-Ku, Koube-Shi, Hyogo, Japan 650-8680; and

Sumitomo Heavy Industries, Ltd., with its principal place of business at 9-11, Kita-Shinagawa 5-Chome, Shinagawa-Ku, Tokyo, Japan, 141-8686

(hereinafter "ASSIGNORS"), represent and warrant that they are partial owners of the entire right, title, and interest to certain new and useful improvements for which ASSIGNORS have filed the following United States issued Letters Patents in the United States (hereinafter "the Patent"):

<u>Patent No.</u>	<u>Issue Date</u>	<u>Title</u>
7,743,444	June 29, 2010	CABLE STAYED SUSPENSION BRIDGE MAKING COMBINED USE OF ONE-BOX AND TWO-BOX GIRDERS

WHEREAS:

Incorporated Administrative Agency Public Works Research Institute, with its principal place of business at 1-6, Minamihara Tsukuba-Shi, Ibaraki, Japan 305-8516;

Honshu-Shikoku Bridge Expressway Company Limited, with its principal place of business at 4-1-22, Onoedoori, Chuo-Ku Koube-Shi, Hyogo, Japan 651-0088;

Incorporated Foundation Public Works Research Center, with its principle place of business at 6-4, Taito 1-Chome, Taito-Ku, Tokyo, Japan 110-0016;

Kawada Industries, Inc. with its principal business at 3-11, Takinogawa 1-Chome, Kita-Ku, Tokyo, Japan 114-8562;

Hitachi Zosen Corporation, with its principal business at 7-89, Nanko-Kita 1-Chome, Suminoe-Ku Osaka-Shi, Osaka, Japan 559-8559;

IHI Infrastructure Systems Co., Ltd., with its principal business at 3-Banchi, Ohama-Nishimachi, Sakai-Ku Sakai-City, Osaka, Japan 590-0977;

JFE Engineering Corporation, with its principal business at 1-2, Marunouchi 1-Chome, Chiyoda-Ku, Tokyo, Japan 100-0005;

Mitsui Engineering & Shipbuilding Co., Ltd., with its principal business at 6-4, Tsukiji 5-Chome, Chuo-Ku, Tokyo, Japan 104-8439; and

Mitsubishi Heavy Industries, Ltd., with its principal business at 16-5, Konan 2-Chome, Minato-Ku, Tokyo, Japan 108-8215;

(hereinafter "ASSIGNEES") collectively desire to purchase the entire right, title, and interest in and to the inventions disclosed in the Patent;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) to ASSIGNORS, and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby further acknowledges that they have sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEES, their successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the said improvements, and the said Patent and all Patents that may be granted

Patent No.: 7,743,444
Issue Date: June 29, 2010

PATENT
Client Code: CREO1.001APC
Page 2

thereon, and all provisional applications relating thereto, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed for said improvements or for the said Patent in any country or countries foreign to the United States; and ASSIGNORS hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements and all Letters Patents resulting from the Patent to ASSIGNEES, their successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

ASSIGNORS do hereby sell, assign, transfer, and convey to ASSIGNEES, their successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEES, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Patent before or after issuance;

ASSIGNORS hereby covenant and agree that they will communicate to ASSIGNEES, their successors, legal representatives, and assigns any facts known to ASSIGNORS respecting the Patent immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patent, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEES, their successors, legal representatives, and assigns to obtain and enforce the Patent in all countries.

Patent No.: 7,743,444
Issue Date: June 29, 2010

PATENT
Client Code: CREO1.001APC
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11th day of
July, 2011.

On behalf of:
Kawasaki Jukogyo Kabushiki Kaisha

Signature: Tomoyuki Uno

Name Printed: Tomoyuki UNO

Title: Associate Officer, Senior Manager,
Intellectual Property Department

Witnessed by:

Tomohide Kawaue
Witness Signature

Tomohide KAWAUE
Witness Printed Name

Patent No.: 7,743,444
Issue Date: June 29, 2010

PATENT
Client Code: CREO1.001APC
Page 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11th day of
July, 2011.

On behalf of:
Sumitomo Heavy Industries, Ltd.

Signature: S. Betsukawa

Name Printed: Shunsuke Betsukawa
Director with Representative Rights,

Title: Executive Vice President, CFO

Witnessed by:

Toshihiro Usui
Witness Signature

Toshihiro Usui

Witness Printed Name

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