

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Kawasaki Jukogyo Kabushiki Kaisha	02/28/2007

## RECEIVING PARTY DATA

Name:	JP Steel Plantech Co.
Street Address:	32-23, Tsurumi-Chuo 4-chome
Internal Address:	Tsurumi-ku, Yokohama-shi
City:	Kanagawa
State/Country:	JAPAN
Postal Code:	230-0051

## PROPERTY NUMBERS Total: 6

Property Type	Number
Patent Number:	5837031
Patent Number:	6071468
Patent Number:	6506353
Patent Number:	6270741
Patent Number:	6264911
Patent Number:	6416728

## CORRESPONDENCE DATA

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PATENT

500234710

REEL: 018972 FRAME: 0077

CH \$240.00 5837031

ATTORNEY DOCKET NUMBER:	490042-1
NAME OF SUBMITTER:	K.J. Rostberg
Total Attachments: 3 source=ARCO Assignment#page1.tif source=ARCO Assignment#page2.tif source=ARCO Assignment#page3.tif	

## ASSIGNMENT

WHEREAS, Kawasaki Jukogyo Kabushiki Kaisha, a corporation organized and existing under the laws of Japan, (hereinafter referred to as the "Assignor") owns an undivided interest in and to the patents and/or patent applications set forth on the attached Schedule A (hereinafter referred to as "Patent Rights");

WHEREAS, JP Steel Plantech Co., a corporation organized and existing under the laws of Japan, and having its principal offices at 32-23, Tsurumi-Chuo 4-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0051, JAPAN, (hereinafter referred to as the "Assignee"), is desirous of acquiring Assignor's undivided interest in the Patent Rights;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto the said JP Steel Plantech Co., its successors and assigns, its entire right, title and interest in and to the Patent Rights, both foreign and domestic, that have or shall hereafter issue, including all of its rights under the Paris Convention, European Convention, Patent Cooperation Treaty and other international treaties, and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks to transfer Assignor's undivided interest in said Patent Rights to the above-mentioned Assignee in accordance herewith.

Assignor does hereby covenant and agree with the said Assignee, its successors and assigns, that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor or his executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining reissued or extended Patent Rights, or of any and all foreign countries with respect to the Patent Rights, and in enforcing any rights, occurring as a result of such Patent Rights, by giving testimony in any proceedings or transactions involving such Patent Rights.

IN WITNESS WHEREOF, Assignor has caused this assignment to be duly executed as of the date and the year set forth herein.

KAWASAKI JUKOGYO KABUSHIKI KAISHA

Date: Febrary 28, 2007

By: Akira Matsuzaki

Name: Akira MATSUZAKI

Title: Senior Vice President

Witness:

Tetsuya Kaneda

Tetsuya KANEDA

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**Schedule A  
Patent Rights**

Patent No.	Title
5,837,031	METHOD FOR PRODUCING IRON CARBIDE
6,071,468	METHOD FOR PRODUCING IRON CARBIDE
6,506,353	PROCESS AND APPARATUS FOR PRODUCING IRON CARBIDE
6,270,741	OPERATION MANAGEMENT METHOD OF IRON CARBIDE PRODUCTION
6,264,911	PRODUCTION METHOD OF IRON CARBIDE
6,416,728	METHOD FOR PRODUCING IRON CARBIDE

Note: Joint Owner MITSUBISHI CORPORATION retains its undivided interest in the foregoing patents.