

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yasuhiro Nakao	12/16/2003
Hiroto Shoji	12/16/2003
Kunitoshi Sugaya	12/16/2003
Takashi Kato	12/16/2003
Takaharu Echigo	12/16/2003
Satoshi Matsuura	12/16/2003
RECEIVING PARTY DATA	
Name:	Honda Giken Kogyo Kabushiki Kaisha
Street Address:	1-1, Minami-Aoyama 2-chome
Internal Address:	Minato-ku
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11190780
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NAME OF SUBMITTER:	David E. Spaw

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Total Attachments: 3

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ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

ALUMINUM CASTING PROCESS USING A CASTING MOLD

AND AN ALUMINUM CASTING APPARATUS

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the date(s) indicated below, which application is further identified as Rankin, Hill, Porter & Clark LLP Docket No. SHM-15146 (U.S. Serial No. 10/482,670, filed December 30, 2003).

WHEREAS, Honda Giken Kogyo Kabushiki Kaisha, a corporation of Japan, and having a place of business at 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill, Porter & Clark LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (sole or joint): Yasuhiro Nakao

Signature: Yasuhiro Nakao

Today's Date : December 16, 2003

Date I Signed Declaration: December 16, 2003

Witness: Atsushi Inaba

Witness: Tadashi Kobayashi

(2) Inventor Name (joint): Hiroto Shoji

Signature: Hiroto Shoji

Today's Date : December 16, 2003

Date I Signed Declaration: December 16, 2003

Witness: Atsushi Inaba

Witness: Tadashi Kobayashi

(3) Inventor Name (joint): Kunitoshi Sugaya

Signature: Kunitoshi Sugaya

Today's Date : December 16, 2003

Date I Signed Declaration: December 16, 2003

Witness: Atsushi Inaba

Witness: Tadashi Kobayashi

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(4) Inventor Name (sole or joint): Takashi Kato

Signature: Takashi Kato

Today's Date : December 16, 2003

Date I Signed Declaration: December 16, 2003

Witness: Atsushi Inaba

Witness: Tadashi Kobayashi

(5) Inventor Name (joint): Takaharu Echigo

Signature: Takaharu Echigo
December 16, 2003

Today's Date : December 16, 2003

Date I Signed Declaration: December 16, 2003

Witness: Atsushi Inaba

Witness: Tadashi Kobayashi

(6) Inventor Name (joint): Satoshi Matsuura

Signature: Satoshi Matsuura
December 16, 2003

Today's Date : December 16, 2003

Date I Signed Declaration: December 16, 2003

Witness: Atsushi Inaba

Witness: Tadashi Kobayashi