

A/D 581-40

10/547774

Form PTO-1595 (Rev. 08/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

03-24-2006

NET



To the Director of the U.S. Patent and Trademark Office

103204061

of documents or the new address(es) below.

9-1-05

**1. Name of conveying party(ies)**

Kazuyoshi Chikugo;  
Hidemi Ukai;  
Koichi Murakami; and  
Koshichi Ogawa

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Ishikawajima-Harima Heavy Industries Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: 2-1 Ohtemachi 2-chome

Chiyoda-ku

City: Tokyo

State: \_\_\_\_\_

Country: JAPAN

Zip: 100-8182

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 08/09/2005

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Nicholas J. Tuccillo, Esq.

Internal Address: McCormick, Paulding & Huber LLP

Street Address: 1350 Main Street, Fifth Floor

City: Springfield

State: MA

Zip: 01103

Phone Number: (413) 736-5401

Fax Number: (413) 733-4543

Email Address: tuccillo@ip-lawyers.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 13-0235

Authorized User Name Nicholas J. Tuccillo

**9. Signature:**

Signature

9/1/05  
Date

Nicholas J. Tuccillo, Esq. (Our File No.: 5525-0025WOUS)

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

111-11-13 (1)

**A S S I G N M E N T**

In consideration of value received,

**Kazuyoshi Chikugo, Hidemi Ukai, Koichi Murakami and Koshichi Ogawa,**

hereinafter referred to as "Assignors",

sell and assign to

**Ishikawajima-Harima Heavy Industries Co., Ltd.,**

a corporation of Japan, having a place of business at

**2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, Japan**

its successors, assigns or nominees, hereinafter referred to as "Assignee", the entire right, title and interest in and to an invention entitled:

**Method for Manufacturing Mold**

invented by the Assignor and as described in the following:

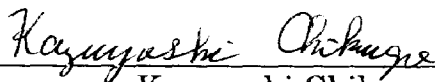
**Japanese Patent Application Nos. 2003-058713 and 2004-023863  
and PCT International Application No. PCT/JP2004/002708**

and in and to all applications for patent for said invention in all countries, and all divisions, reissues, continuations and extensions of any of said applications, and all rights of priority resulting from the filing of any of said applications; and Assignor authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and Assignor agree that on request and without further consideration, but at the expense of said Assignee, Assignors will communicate to said Assignee or its representatives any facts known to Assignor respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce a proper patent protection for said invention in all countries.

Subscribed and executed at Tokyo, Japan.

August 9, 2005

(Date)

  
Kazuyoshi Chikugo

August 9, 2005

(Date)

  
Hidemi Ukai

August 9, 2005

(Date)



Koichi Murakami

August 9, 2005

(Date)



Koshichi Ogawa

Page 2 of 2