

09-05-2006



FORM PTO-1595 (modified)

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U.S. DEPARTMENT OF COMMERCE  
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103301304

To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

## 1. Name of conveying party(ies):

Kazuto KOBAYASHI  
Hiroyuki OSORA  
Yoshio SEIKI  
Masaki IJIMA

Additional name(s) of conveying party(ies) attached? NO

## 3. Nature of conveyance:

☒ Assignment                      ☐ Merger  
☐ Security Agreement              ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 30, 2005

## 2. Name and address of receiving party(ies):

Name: MITSUBISHI HEAVY INDUSTRIES, LTD.Address: 16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215, Japan

Additional name(s) &amp; address(es) attached? NO

THIS COMMISSIONER IS AUTHORIZED  
TO CHARGE AND INDEMNIFY IN THE  
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PROJECT.

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
10/553,009, filed October 11, 2005

B. Patent No.(s)

Additional numbers attached? NO

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WENDEROTH, LIND & PONACK, L.L.P.  
Attn: Nils E. Pedersen, Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). . . . . \$40.00

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Nils E. Pedersen, Reg. No. 33,145  
 Name of Person Signing

Signature

August 21, 2006  
 Date

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DOCKET NO. 2005-1628A

ATTACHMENT G

PATENT

REEL: 018229 FRAME: 0036

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) Kazuto KOBAYASHI, Hiroyuki OSORA, Yoshio SEIKI, Masaki IJIMA

the undersigned hereby sell(s) and assign(s) to  
Insert Name(s) of Assignee(s) MITSUBISHI HEAVY INDUSTRIES, LTD.

Address of 16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC  
Title of Invention 100, in the invention known as METHOD AND APPARATUS FOR PRODUCING DIMETHYL CARBONATE

Date of Signing of Application for which an application for patent in the United States has been executed by the undersigned  
NOV. 30, 2005

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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 Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date NOV. 30. 2005, Name of the Inventor Kazuto Kobayashi  
Kazuto KOBAYASHI

Date NOV. 30. 2005, Name of the Inventor Hiroyuki Osora  
Hiroyuki OSORA

Date NOV. 30. 2005, Name of the Inventor Yoshio Seiki  
Yoshio SEIKI

Date NOV. 30. 2005, Name of the Inventor Masaki Iijima  
Masaki IIJIMA

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Akira Shurai

Witness Yoshinobu Fukushima

### ACKNOWLEDGMENT

\_\_\_\_\_  
\_\_\_\_\_) ss

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
Official Signature

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_

Applicant Reference Number \_\_\_\_\_ Atty Docket No. \_\_\_\_\_

Title of Invention \_\_\_\_\_