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09/487304  
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CT/PTO 24 FEB 2000

To the Honorable Commissioner of Patents and Trademarks

101339207

original documents or copy thereof

1. Name of conveying party(ies):

MAEHATA, Hidehiko

ARAI, Hiroaki

TAMAKOSHI, Daisuke

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

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

Name: Hitachi Zosen Corporation

Internal Address:

Street Address: 7-89, Nanko-kita 1-chome

Suminoe-ku, Osaka-shi, Osaka JAPAN

City: State: ZIP 559-0034

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

3. Nature of conveyance

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: February 21, 2000

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: 02/21/2000

A. Patent Application No.(s)

B. Patent No.(s)

09/486304

Additional numbers attached?  Yes  No

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

Name: Mark Kusner

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03/05/2000 WELLS FARGO BANK 09486304  
Wilson Mills Road

03 FEB 2000 Highland Heights State: OH ZIP: 44143

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-0537

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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.

Mark Kusner, Reg. No. 31,115

Name of Person Signing

*Mark Kusner*  
Signature

24 FEB 2000

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:  
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PATENT  
REEL: 010733 FRAME: 0128

Attachment to Form PTO - 1595  
Recordation Form Cover Sheet

Additional Conveying Parties

- INOUE, Tetsuya

**PATENT**  
**REEL: 010733 FRAME: 0129**

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventor

## ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

## ASSIGNOR:

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hereby sells, assigns and transfers to:

ASSIGNEE: Name HITACHI ZOSEN CORPORATION  
Address 7-89, Nanko-kita 1-chome  
Suminoe-ku, Osaka-shi  
Osaka 559-0034 Japan  
Corp. of Japan

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

BLASTING APPARATUS

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(Assignment of Invention page 1)

PATENT  
REEL: 010733 FRAME: 0130

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal.

Date: February 21, 2000

*Hidehiko Maehata*  
Signature of: Hidehiko MAEHATA

Date: February 21, 2000

*Hiroaki Arai*  
Signature of: Hiroaki ARAI

Date: February 21, 2000

*Daisuke Tamakoshi*  
Signature of: Daisuke TAMAKOSHI

Date: February 21, 2000

*Tetsuya Inoue* *Tetsuya Inoue*  
Signature of: Tetsuya INOUE

Date: \_\_\_\_\_

Signature of: \_\_\_\_\_