

11/662971

IAP8 Rec'd PCT/PTO 16 MAR 2007

FORM PTO-1595 (modified)

RE

03-26-2007

ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



103386847

attached original document(s) or copy(ies) thereof.

To the Honorable Assistant Secretary and Commissi

1. Name of conveying party(ies):

3-16-07

- (1) Junichi SHIDA;
- (2) Suk-hwan CHUNG; and
- (3) Shuichi URYU

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

Name: THE JAPAN STEEL WORKS, LTD.

Address: 1-2, Yurakucho 1-chome, Chiyoda-ku,
Tokyo 100-0006 Japan

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: February 16, 2007

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

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: February 16, 2007

A. Patent Application No.(s)

B. Patent No.(s)
, issued

11/662971

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: Michael S. Huppert, Esq.

Street Address: 2033 K Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

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

Enclosed (Check No. 79411)
Authorized to be charged to deposit account

8. Deposit account number: 23-0975

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Michael S. Huppert, Reg. No. 40,268
Name of Person Signing

Michael Huppert
Signature

March 16, 2007
Date

Total number of pages including cover sheet: 2

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information:

Commissioner and Assistant Secretary of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

03/20/2007 JBALINAN 00000040 11662971

04 FC:8021

(40.00 DP)

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

DOCKET NO. 2007_0475A

ATTACHMENT "E"

PATENT
REEL: 019082 FRAME: 0810

11/662971

IAP8 Rec'd PCT/PTO 16 MAR 2007

FP-14134

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Junichi SHIDA, Suk-hwan CHUNG and Shuichi URYU hereby sells, assigns and transfers to

THE JAPAN STEEL WORKS, LTD.
of 1-2, Yurakucho 1-chome, Chiyoda-ku, TOKYO 100-0006 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled LASER IRRADIATING METHOD AND DEVICE FOR THE SAME which was executed by the undersigned on June 2, 2006 or was filed on June 2, 2006 and accorded Serial No. PCT/JP2006/311069 (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):	<u>Junichi Shida</u>	DATE
<u>(Junichi SHIDA)</u>	<u>J.S. Feb. 16, 2007</u>	<u>Feb 16 2007</u>
<u>(Suk-hwan CHUNG)</u>	<u>Suk hwan chung</u>	<u>Feb. 16, 2007</u>
<u>(Shuichi URYU)</u>	<u>Shuichi Uryu</u>	<u>Feb. 16, 2007</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____