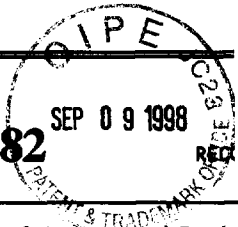


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DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

MRS 9/8/98

1. Name of conveying party(ies):
Kazutomo KINUTANI, Shigeo KOBAYASHI and Etsuo KIUCHI

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

Name:
NIPPEI TOYAMA CORPORATION
Internal Address:
26-2, Minami-Oi 6-chome, Shinagawa-ku, Tokyo, Japan
Street Address:
Same as above

Additional name(s) of conveying party(ies) attached?
 yes no

City State Zip

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) & address(es) attached?
 yes no

Execution Date: July 13, 1998

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)

B. Patent No(s).

09/099,951

Additional numbers attached? Yes No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:
One (1)

7. Total Fee (37 CFR 3.41): \$ 40.00
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Authorized to be charged to Deposit Account

8. Deposit Account No.

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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.

Darryl Mexic
Name Darryl Mexic Reg. No. 23,063

September 9, 1998
Date

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PATENT
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Assignment

Whereas, I/We, Kazutomo Kinutani and Shigeo Kobayashi both of Kanagawa, Japan; and Etsuo Kiuchi of Gunma, Japan

hereinafter called assignor(s), have invented certain improvements in

WIRE SAW AND METHOD OF CUTTING WORK

and executed an application for Letters Patent of the United States of America therefor on July 13, 1998; and

Whereas, NIPPEI TOYAMA CORPORATION of 26-2, Minami-Oi 6-chome, Shinagawa-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/099,951, filed June 19, 1998) the filing date and application number of said application when known.

Date: 07/13/1998 s/ Kazutomo Kinutani
Kazutomo Kinutani

Date: 07/13/1998 s/ Shigeo Kobayashi
Shigeo Kobayashi

Date: 07/13/1998 s/ Etsuo Kiuchi
Etsuo Kiuchi

Date: s/ _____

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)