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PATENT



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102533028 Original documents or copy thereof.

1. Name of conveying party(ies):

Yasuyuki YAMADA, Natsuki ICHIMIYA, Koichi MAEDA,
Yusuke TANAKA and Kazuaki TANAKA

8-19-03

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

Name: MMC KOBELCO TOOL CO., LTD.
Address: 179-1, Nishioike, Kanagasaki, Uozumicho,
Akashi-shi, Hyogo-ken, Japan

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

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: October 26, 2001

Additional name(s) and address(es) attached? Yes 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:

A. Patent Application No.(s)

09/984,716

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total applications and patents involved: 1

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

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PATENT
REEL: 014406 FRAME: 0669

Assignment Of Application

WHEREAS, I (WE) (1)Yasuyuki Yamada; (2) Natsuki Ichimiya;

(3) Koichi Maeda; (4) Yusuke Tanaka; and (5) Kazuaki Tanaka

of c/o MMC KOBELCO TOOL CO., LTD., 179-1, Nishioike, Kanagasaki,
Uozumicho, Akashi-shi, Hyogo-ken, Japan

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

_____, respectively,
have invented certain new and useful improvements in: HIGH-SPEED TOOL STEEL GEAR
CUTTING TOOL AND MANUFACTURING METHOD THEREFOR

INSERT TITLE
OF INVENTION:

for which an application for Letters Patent was executed on October 26, 2001

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

(Application No. 09/984,716, filed October 31, 2001), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, MMC KOBELCO TOOL CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

179-1, Nishioike, Kanagasaki, Uozumicho, Akashi-shi, Hyogo-ken, Japan,
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: October 26, 2001

Yasuyuki Yamada
(Signature of Inventor) Yasuyuki Yamada

Date: October 26, 2001

Natsuki Ichimiya
(Signature of Inventor) Natsuki Ichimiya

Date: October 26, 2001

Koichi Maeda
(Signature of Inventor) Koichi Maeda

Date: October 26, 2001

Yusuke Tanaka
(Signature of Inventor) Yusuke Tanaka

Date: October 26, 2001

Kazuaki Tanaka
(Signature of Inventor) Kazuaki Tanaka

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202