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Form PTO-1595 (modified)	ET U.S. DEPARTMENT OF COMMERCE				
(Rev. 03/01) OMB No. 0651-0027	954418 U.S. Patent and Trademark Office				
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):				
Yukio ABE	HITACHI METALS, LTD.				
Hideshi NAKATSU	2-1, Shibaura-1-chome, Minato-ku, Tokyo, Japan				
Yasushi TAMURA Yoshihiro KADA	a C				
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Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance:	306				
☐ Assignment ☐ Merger					
☐ Security Agreement ☐ Change of Name					
Other					
- Other					
Execution Date: November 26, 2001	Additional name(s) & address(es) attached? ☐ Yes ☐ No				
4. Application number(s) or patent number(s):					
If this document is being filed together with a new applica-	tion, the execution date of the application is: November 26, 2001				
A. Patent Application No.(s)	B. Patent No.(s)				
Additional numbers attached? Yes No					
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:				
concerning document should be mailed:	1				
SUGHRUE MION, PLLC	7. 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 degrament.					
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Peter D. Olexy Reg. No.	24,513 Date				
Total number of pages including cover sheet, attachments, and documents: 2					
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PATENT REEL: 012381 FRAME: 0610

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ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI METALS, LTD., a corporation organized under the laws of Japan, located at 2-1, Shibaura-1-chome, Minato-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI METALS, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to "HIGH-HARDNESS PREHARDEN STEEL FOR COLD WORKING WITH EXCELLENT MACHINABILITY, DIE MADE OF THE SAME FOR COLD WORKING, AND METHOD OF WORKING THE SAME"

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith,

and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI METALS, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI METALS, LTD.

Signed on the date(s) indicated aside signatures:

	INVENTOR (S) (発明者フルネームサイン)	Date Signed (署名日)	WITNESSES (立会人サイン)
1)	Yukio Abe	November 26, 2001	Long Marieta
2) _	Yukio ABE Hideshi Nakatsu	November 26, 2001	Show okne
3) _	Hideshi NAKATSU Yasushi Tamvo	November 26, 2001	Store ofne
4)	Yasushi TAMURA Yoshihiro Kada	November 26, 2001	Shoso Shoe
5)	Yoshihiro KADA		
6) _			
7) _			
8) _			

PATENT REEL: 012381 FRAME: 0611

RECORDED: 12/12/2001