10-22-2002 U.S. Department of Commerce Form PTO-1595 RECORDATION FORM COVER SHEE Patents & Trademark Office Attorney Docket No. 108421-00052 102256589 Date: October 16, 2002 OCT 1 6 2002 To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof onveying party(ies) 2. Name and address of receiving party(ies): MRD 10-16-02 Masayuki TSUCHIYA; and Hiroaki UENO Name: HONDA GIKEN KOGYO KABUSHIKI KAISHA Address: 1-1, Minami-Aoyama 2-chome Additional name(s) of conveying party(ies) attached? Minato-ku, Tokyo 107-8556, Japan ☑ No ☐ Yes Additional name(s) & address(es) attached? 3. Nature of conveyance: ☐ Yes ☑ No ☐ Merger Assignment ☐ Change of Name Security Agreement Other ___ Execution Date: September 6, 2002 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) 10/235,855 Additional numbers attached? ☐ Yes No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41)...... \$ 40.00 Name: Arent Fox Kintner Plotkin & Kahn PLLC ☑ Included in Check # 348467 Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339 Any additional fees are authorized to be charged to deposit account 10/17/2002 KZEWDIE 00000049 10235855 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by 40.00 0 03 F**dl a**021 deposit account)

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9. Statement and signature.

Robert B. Murray

To the best of my knowledge and belief, the foregoing information is true and any attached copy is a true copy of the original document.

Name of Person Signing Reg. No. 22,980 Signature

October 16, 2002

Date

Total number of pages including cover sheet, attachments, and document: 2

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert ASSIGNEE's Name(s) Address(es)] HONDA GIKEN KOGYO KABUSHIKI KAJSHA
1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of Invention] IRON BASED ALLOY MATERIAL FOR THIXOCASTING PROCESS AND METHOD FOR CASTING THE SAME

[*If the assignment is being filed after the filing of the application, this section must be completed] for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on September 6, 2002, Serial No. 10/235,855

(Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

RECORDED: 10/16/2002

	, , , ,	
Masayuki Tsuchiya (SIGNATURE) Hiroaki Ueno	Masayuki TSUCHIYA	September 6, 2002
(SIGNATURE)	(TYPE NAME)	(DATE)
Hiroaki Ueno	Hiroaki UENO	(DATE) September 6, 2002
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT REEL: 013396 FRAME: 0475