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Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: XX New

Attorney Docket No. 011506

XX Assignment Conveyance type:

Conveying Party(ies): **Execution Date**

Name: KOGA, Yasuhiro November 22, 2001 First party

Name: HANDA, Hiroyuki November 22, 2001 Second party

November 27, 2001 Third party Name: OKUMURA, Shinji

Name: NAKASHIMA, Haruki November 22, 2001 Fourth party

November 22, 2001 Name: MITSUSHIO, Takafumi Fifth party

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

Receiving Party (ies):

Name: KABUSHIKI KAISHA YASKAWA DENKI First party

> Address: 2-1, Kurosaki-Shiroishi, Yahatanishu-ku, Kitakyushu-shi, Fukuoka, 806-0004, Japan

No XX Additional name(s) & address(es) attached? Yes ___

Domestic Representative Name and Address (Enter for the first Receiving Party only)

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006

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PATENT

REEL: 012413 FRAME: 0486

JC13 Rec'd PCT/PTO 28, NOV 2001

Page 2				
Correspondent Name and Address Telephone: 202-659-2930 ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006				
Pages Enter the total number of pages of the attached conveyance document:1				
Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX				
A. Patent Application No.(s) ## B. Patent No.(s) ##				
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: <u>November 22, 2001</u> (Do not recite both application and patent numbers.)				
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned PCT PCT/JP00/03425 PCT PCT/JP00/03425 PCT PCT/JP00/03425 PCT PCT/JP00/03425				
Number of Properties Enter the total number of properties involved:				
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41) \$40.00				
XX Enclosed				
Authorized to be charged to Deposit Account No.: <u>01-2340</u>				
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. Ken-Ichi Hattori Name of Person Signing Signature November 28, 2001 Date Registration No. Rev. 11/00				

PATENT REEL: 012413 FRAME: 0487

Docket No.	011506
Docket No.	011200

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))				

KABUSHIKI KAISHA YASKAWA DENKI

2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka, 806-0004, 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)

(*If the assignment is being filed after the filing of the application, this section must be completed)

	HIGH-SPEED	CO, GAS	WELDING	METHOD
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for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on ______, Serial No. _____

(Armstrong, Westerman, Hattori, McLeland & Naughton, LLP 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, divisional, 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 the application and any continuation, 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, divisional, 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).

(Signatures)

Yasuhino Koga.	Yasuhiro KOGA	Nov. 22, 200/
(SIGNATURE)	(TYPE NAME)	(DATE)
Hiroyuki Handa (SIGNATURE)	Hiroyuki HANDA	Nov. 22, 2001
	(TYPE NAME)	(DATE)
Shiryi Demura	Shinji OKUMURA	NOV. 27. 2001
(SIGNATURE)	(TYPE NAME)	(DATE)
HARUKI NAKASHIMA	Haruki NAKASHIMA	Nov, 22,2001
(SIGNATURE)	(TYPE NAME)	(DATE)
TAKA FUMIMITSUSHIO	Takafumi MITSUSHIO	NOV, 21, 2001
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

NO LEGALIZATION REQUIRED

RECORDED: 11/28/2001

PATENT REEL: 012413 FRAME: 0488