<b>3-6-07</b> FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) HSML- 10921.0461US01	03-14-2007 103382160	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Commissioner of Patents and Trademarks: Please record the attached 1. Name of conveying party(ies): Futoshi NISHISAKA Hiroyasu MONDORI	original documents or copy thereof. 2. Name and address of DAIHEN CORPORA 2-1-11, Tagawa, Yode Osaka-shi, Osaka 532 Japan	TION 600
Additional name(s) of conveying party(ies) attached? Yes No Nature of conveyance: Assignment Security Agreement Other: Execution Date: February 22, 2007	Additional name(s) & address(es) at	ttached? 🗌 Yes 🛛 No
<ul><li>4. Application number(s) or patent number(s):</li><li>If this document is being filed together with a new</li><li>A. Patent Application No.(s)</li></ul>	B. Patent No.(s)	ication is: March 6, 2007
Add   5. Name and address of party to whom correspondent document should be mailed:   Name: Douglas P. Mueller   Address: Hamre, Schumann, Mueller & Larson P   P. O. Box 2902-0902 Minneapolis, MN 55402	.C. 7. Total fee (37 CFR 3.4 Enclosed Authorized t (Form PTO 8. Please charge any add	ications and patents involved: 1 41): \$40 to be charged to credit card -2038 enclosed) ditional fees or credit any Deposit account number: 50-3478
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PATENT REEL: 019022 FRAME: 0100

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

## **DAIHEN** Corporation

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## 2.1.11, Tagawa, Yodogawa-ku, Osaka-shi, Osaka 532-8512 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention (or design) relating to

POLARITY SWITCHING METHOD IN CONSUMABLE ELECTRODE AC PULSE ARC WELDING

as set forth-in his United States Patent Application

[X] executed concurrently herewith

[ ] executed on \_\_\_\_\_

] Serial No. \_\_\_\_\_ filed \_\_\_\_\_

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention (or design), including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSGINEE, its successors, legal representatives or assigns he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention (or design) or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention (or design), to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention (or design).

February Jutahi Mishisaka date 2007 Name: Futoshi NISHISAKA	22, February 22, <u>Hrio ya Su Mundoni</u> date 2007 Name: Hiroyasu MONDORI
Name:	date Name:
Name:	date Name:

Note: <u>Prima facie</u> evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.