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Substitute Form PTO-1595
Attorney Docket No.: 08215-527001
Client's Ref. No.: P88-026618-US

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Ljubomir A. Kojovic and Martin T. Bishop Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): McGraw-Edison Company 600 Travis, Suite 5800 Houston, Texas 77002 United States of America Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: July 24, 2003 and July 25, 2003	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/394,661 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: WILLIAM G. HUGHES, JR. Fish & Richardson P.C. 1425 K Street, N.W. 11th Floor Washington, DC 20005-3500	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i>	
William G. Hughes, Jr. Reg. No. 46,112 Name of Person Signing	 Signature August 8, 2003 Date
Total number of pages including coversheet, attachments and document: 4	

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ASSIGNMENT

For valuable consideration, we, LJUBOMIR A. KOJOVIC of Racine, WI, and MARTIN T. BISHOP of Oak Creek, WI, hereby assign to McGraw-Edison Company, a corporation of Delaware having a place of business at 600 Travis, Suite 5800, Houston, Texas 77002, United States of America; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ELECTRICAL ARC FURNACE PROTECTION SYSTEM, filed March 24, 2003, and assigned U.S. Serial Number 10/394,661, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at FRANKS, WI
this 24 day of July, 2003.
LJUBOMIR A. KOJOVIC L.S.

Signature witnessed by:

July 24, 2003
Date

WITNESS: Carole J Honzik
Printed Name: CAROLE J HONZIK
Address: 17610 OLD YORKVILLE RD
UNION GROVE, WI 53182

Signature witnessed by:

July 24, 2003
Date

WITNESS: Gary Gauger
Printed Name: GARY GAUGER
Address: 5836 Cascade Dr.
Franklin, WI 53132

IN WITNESS WHEREOF, I hereto set my hand and seal at FRANKSVILLE, WI,
this 25th day of July, 2003.

Martin T. Bishop L.S.
MARTIN T. BISHOP

Signature witnessed by:

7/25/03
Date

WITNESS: Carole J Honzik
Printed Name: CAROLE J HONZIK
Address: 17610 OLD YORKVILLE RD
UNION GROVE, WI 53182

Signature witnessed by:

7/25/03
Date

WITNESS: Gary Gauger
Printed Name: Gary Gauger
Address: 5836 Cascade Dr.
Franklin, WI 53132

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