Substitute Form PTO-1595		04-01-19			Attorney Docket No.: 08215/284001 IEET		
As	ssistant Commissioner for Patents: F				ment.	TO	
1.	James C. CUMMINS, David C. YU, David T. STONE, Ljubomir A. KOJOV		3 0 2.	McGraw- 600 Trav	d address of receiving party(ies): Edison Company is, Suite 5800 , Texas 77002	.525 U.S. B 09/275388 W ROOM DOWN DOWN DOWN DOWN	
3.	Additional name(s) attached? ☐ Yes ■ Nature of conveyance:	I No		Additional No	I names/addresses attached? □	Yes ■	
	■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other:	1.99					
	Execution Date: 03/17/99; 03/17/99; 03/03/12/99, respectively	19/99;					
4.	Application number(s) or patent number If this document is being filed with a new 03/19/99; 03/12/99, respectively A. Patent Application No.(s):				,,	/16/99;	
	.,			Patent No.	` ,		
	Additi	onal numbers attac	hed	? □ Yes ■	I No		
5.	Name/address of party to whom corresp concerning document should be mailed:		6.	Total num	nber of applications/patents involv	ed: 1	
	John F. Hayden Fish & Richardson P.C. 601 Thirteenth Street, N.W.		7.	■ Enclos	(37 CFR 3.41): \$40 ed ized to charge deposit account		
	Washington, DC 20005		8.	If the fee account, a attached.	ccount number: 06-1050 above is being charged to deposi a duplicate copy of this cover she Please apply any additional char s, to our Deposit Account No. 06	et is rges, or	
		DO NOT USE TH	IIS :	SPACE			
9.	Statement and signature: To the best of and the attached is the original docume		d be	lief, the for	regoing information is true and co	orrect	
	John F. Hayden Name of Person Signing	Signature	-16	Varye	March 24, 1999	9	
01/1 C:5	Total number of pages	Sign a fure including cover sh	eet,	attachmen	Date its, and document: 4		

PATENT REEL: 9849 FRAME: 0152

ASSIGNMENT

For valuable consideration, we, James C. CUMMINS, of Greendale, WI; David C. YU of
Mequon, WI; David T. STONE, of Milwaukee, WI; and Ljubomir A. KOJOVIC of Racine, WI hereby
assign to McGraw-Edison Company, a Delaware corporation having a place of business at 600 Travis,
Suite 5800, Houston, Texas 77002, 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 CURRENT
TRANSFORMER SATURATION CORRECTION USING ARTIFICIAL NEURAL NETWORKS, filed
, and assigned U.S. Serial Number, 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, and 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,
this 17 day of MARCH, 1999 L.S.
James C. CUMMINS
STATE OF WISCHSING:: :ss.
COUNTY OF MILWAUKEE:
Before me this 17th day of MARCU, 1999, personally appeared
James C. CUMMINS known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.
Notary Public My Commission Expires: $3/19/2000$ [Notary's Seal Here]

PATENT REEL: 9849 FRAME: 0153

IN WITNESS WHEREOF, I hereto set my hand and seal at,
this
STATE OF WISCHSIN :
COUNTY OF MILWAU KIEG::
Before me this 17th day of MARCH, 1999, personally appeared
David C. YU known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained. Notary Public
[Notary's Seal Here] My Commission Expires: $3/9/2000$
IN WITNESS WHEREOF, I hereto set my hand and seal at,
this 19 day of March, 1999 David T. STONE L.S.
STATE OF Wisconsin:
STATE OF <u>Wisconsin</u> : COUNTY OF <u>Milwarbae</u> :
Before me this 19^{H} day of $Maich$, 1999 , personally appeared
<u>David T. STONE</u> known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.
Sandie G. Pfufu Notary Public
[Notary's Seal Here] My Commission Expires: Quegust 20,2000

PATENT REEL: 9849 FRAME: 0154 [Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at
this 12 day of March, 1999 Julean V By Con L.S.
Ljubomir A. KOJOVIC
STATE OF Wisconsin:
STATE OF <u>Unsconsin</u> : COUNTY OF <u>Pacine</u> : SSS.
Before me this 12 th day of March, 1999, personally appeared
Ljubomir A. KOJOVIC known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.
Notary Public Thongik
My Commission Expires: 10/28/2001 [Notary's Seal Here]

PATENT
RECORDED: 03/24/1999 REEL: 9849 FRAME: 0155