FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 07-10-2000



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1	X Reel # 010619 Frame # 0687	Departmental File Secret File				
	X Mark if additional names of conveying parties attached Execution Date Month Day Year					
	Name (line 1) Ball, David A.	05262000				
	Name (line 2)	Execution Date				
	Name (line 1) Hanna, William T.	Month Day Year 05262000				
	Name (line 2)					
	Receiving Party	Mark if additional names of receiving parties attached				
	Name (line 1) Battelle Memorial Institute					
	Name (line 2) a corporation of Ohio	receiving party is not domicited in the United States, an appointment				
	Address (line 1) 505 King Avenue	505 King Avenue of a domestic representative is attached. (Designation must be a separate document from				
	Address (line 2)	Assignment)				
	Address (line 3) Columbus	OH 43201-2693 Zip Code				
	Domestic Representative Name and					
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	Address (line 1)					
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PATENT

REEL: 010894 FRAME: 0404

FORM PTO-1619B Expires 08/30/99 OMB 0851-0027	Page 2		U.S. Department of Comm Patent and Trademark Off PATENT
Correspondent Name and Address	Area Code and T	elephone Number	
Name Philip J. Pollick			
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Address (line 2) P.O. Box 141510			
Address (line 3) Columbus OH 43214-6510			
Address (line 4)			
Pages Enter the total number of p including any attachments	•	conveyance docu	ment # 1
Application Number(s) or Patent Nu	• •	نـــا	additional numbers attached
Enter either the Patent Application Number or the	: Patent Number (DO NOT		s for the same property). nt Number(s)
Patent Application Number(s) 09/501737		Pater	it Number(s)
] [
If this document is being filed together with a <u>new</u> Pasigned by the first named executing inventor.	tent Application, enter the	date the patent applicat	ion was <u>Month Day</u>
Patent Cooperation Treaty (PCT)			
Enter PCT application number	PCT	PCT	PCT
only if a U.S. Application Number	er PCT	PCT	РСТ

has not been assigned. **Number of Properties** Enter the total number of properties involved. **Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$ **Method of Payment:** Enclosed X **Deposit Account Deposit Account** (Enter for payment by deposit account or if additional fees can be charged to the account.) # 13-3393 **Deposit Account Number:** Х Authorization to charge additional fees: No 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. Charges to deposit account are authorized, as indicated herein. 06082000 Philip J. Pollick Name of Person Signing Date

PATENT

REEL: 010894 FRAME: 0405

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

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Conveying Party(ies) Mark if additional names of conveying parties attached				
Enter additional C	Execution Date Month Day Year			
Name (line 1)	Stets, Joseph A.	05262000		
Name (line 2)		1		
Tadilio (mie z)		Execution Date		
Name (line 1)		Month Day Year		
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Name (line 2)		Execution Date		
Name (Free A)		Month Day Year		
Name (line 1)				
Name (line 2)]		
Receiving Pa	rty(ies) Mark if additional names of receiving part	ies attached		
Enter additional l	Receiving Party(ies)			
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Name (line 2)		receiving party is not domiciled in the United		
		States, an appointment of a domestic representative		
Address (line 1)		is attached. (Designation must be a separate		
Address (line 2)		document from Assignment)		
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Name (line 1)		If document to be recorded is an assignment and the		
Name (line 2)		receiving party is not domiciled in the United		
Maine (line 2)		States, an appointment of a		
Address (line 1)		domestic representative is attached. (Designation must		
Address (line 2)		be a separate document from Assignment.)		
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Application N	lumber(s) or Patent Number(s) Mark if additional numbers attached			
	Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the s	ame property).		
Pa	tent Application Number(s) Patent Num	ber(s)		

ASSIGNMENT (UTILITY PATENT)

Docket No. B121.4

David A. Ball, William T. Hanna, and Joseph A. Stets to Battelle Memorial Institute

WHEREAS, we, <u>David A. Ball</u>, of <u>Westerville</u>, and <u>William T. Hanna and Joseph A. Stets of Gahanna all in the County of <u>Franklin</u> and State of <u>Ohio</u> have made certain inventions in <u>a POWER SUPPLY</u>, for which application for Letters Patent of the United States was made in the specification having serial no.: <u>09/501,737</u> and filed on <u>February 11, 2000</u>; and</u>

WHEREAS, <u>Battelle Memorial Institute</u> a corporation of <u>Ohio</u>, having a place of business at <u>505 King Avenue</u>, <u>Columbus</u>, <u>Ohio 43201-2693</u>, herein called "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in said invention and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the said Assignee, the entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application filed by us preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behoof of the said Assignee, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions of any Letters patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And we further assign unto the said Assignee the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for the patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the patents to be obtained therefor to the said assignee, as well as all other necessary papers.

assignments of such applications and the	e patents to be obtained therefor to the said assignee, as well as all other necessary papers.
IN TESTIMONY WHEREOF	F, we have hereunto set our hand at Columbus, Ohio, this 20th day of
<u>1141</u> / <u>2000</u> .	
Dovid aRIA	Willing thank the start that
David A. Ball	William T. Hanna Joseph A. Stets
STATE OF Ohio)
COUNTY OF Franklin)ss:
COUNTY OF <u>Franklin</u>	_ /
21 41	

This day of May, 2000, before me, a Notary Public in and for the County aforesaid, personally appeared David A. Ball, William T. Hanna, and Joseph A. Stets, personally known to me and known to be the persons described in and who executed the foregoing assignment and acknowledged the same to be their voluntary act and deed, and that they executed the same for the uses and purposes therein set forth.

SHIRLEY F. RUSSELL
NOTARY PUBLIC, STATE OF OHIO

MY COMMISSION SPINE NOTICE 17, 2000

RECORDED: 06/13/2000 REEL: 010894 FRAME: 0407