FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) To the Honorable Commissioner of Patents and Teoper 1. Name of conveying party(ies): Kailash C. Shukla Edward F. Doyle Christopher I. Metcalfe Additional name(s) of conveying party(ies) attached? Yes 3. Nature of conveyance:	S. DEPARTMENT OF COMMERCE Patent and Trademark Office
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	City:Waltham State: MA ZIP: 02254
Execution Date: 1/12/00 & 2/2/00	Additional name(s) & address(es) attached? 디 Yes 집 No
If this document is being filed together with a new application A. Patent Application No.(s) 09/483,043	B. Patent No.(s)
Additional number	sattached? 🗅 Yes 🖏 No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Scott R. Foster Internal Address: Pandiscio & Pandiscio	7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to deposit account
Street Address: 470 Totten Pond Road City: Waltham State: MA ZIP: 02451	8. Deposit account number: 16-0221 (Attach duplicate copy of this page if paying by deposit account)
	USE THIS SPACE
the original document. Scott R. Foster Name of Person Signing	ormation is true and correct and any attached copy is a true copy of 2/7/00 Signature Date
Total number of pages include	ding cover sheet, attachments, and document:

ASSIGNMENT

We, Kailash C. Shukla , Edward F. Doyle	,	
Christopher I. Metcalfe , residing respectively at 114 Steele	Lane,	
Boxborough, MA 01719 . 142 Scott Circle, Dedham, MA 03	2026	
18 Beech Street, Unit 1, Walpole, MA 02032	,	
having invented improvements in 'A Burner and Burner/Emitter/Recuperato	r Assembly	
and having this day executed an application for United States patent d	lescribing	
the same and based thereon (and we hereby authorize our attorney(s), a	uthorized	
to prosecute said application, to here insert the filing date and seri	.al number	
of said application, when known, Serial No. 09/483,043 , Filed 1/13/00	<u> </u>	
for good and valuable consideration, receipt of which is hereby acknow	ledged	
from Thermo Power Corporation a Massachusett	-s	
corporation having its principal place of busines	s in	
Waltham, Massachusetts hereinafter called the	Assignee	
(which term shall include its successors and assigns) do hereby sell,	assign	
and transfer unto the Assignee our entire right, title, and interest, in and		
throughout the United States of America (including its territories and depend-		
encies) and all countries foreign thereto, in and to and under said application		
(which term shall include hereinafter where the context so admits all division-		
(which term shall include hereinafter where the context so admits all	•	
	division-	
al, continuing, reissue and other patent applications based thereon) a	division- nd the	
al, continuing, reissue and other patent applications based thereon) a inventions (which term shall include each and every such invention, or	division- nd the any part	
al, continuing, reissue and other patent applications based thereon) a inventions (which term shall include each and every such invention, or thereof) therein described, and any and all patents and like rights of	division- nd the any part exclu-	
al, continuing, reissue and other patent applications based thereon) a inventions (which term shall include each and every such invention, or thereof) therein described, and any and all patents and like rights of sion (including extensions thereof) of any country which may be grante	division- nd the any part exclu-	
al, continuing, reissue and other patent applications based thereon) a inventions (which term shall include each and every such invention, or thereof) therein described, and any and all patents and like rights of	division- nd the any part exclu-	

And for the same consideration we do also hereby sell, assign and transfer unto the Assignee all our rights under the International Convention for the Protection of Industrial Property and all other treaties of like purpose in respect of said inventions and said application and we do hereby authorize the Assignee to apply in our names or its own name for patents and like rights of exclusion on or for said inventions in all countries, claiming (if the Assignee so desires) the priority of the filing date of said application under the provisions of said Convention or any such other treaty;

And for the same consideration we do hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, promptly upon request of the Assignee, to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee fully to secure to it said right, title, and interest as aforesaid in and to said inventions, application, and said several patents and like rights of exclusion, or any of them, all, however, at the expense of the Assignee;

And we do hereby authorize and request the Commissioner of Patents of the United States of America and the corresponding Officer of each country foreign thereto to issue to the Assignee any and all patents and like rights of exclusion which may be granted in any country upon said application or on or for said inventions;

*For Direct Energy Conversion Power Sources"

DOCKET NO.

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PATENT REEL: 010586 FRAME: 0766

And we do hereby jointly and severally covenant for ourselves and for our respective legal representatives and agree with the Assignee that we have granted no right or license to make, use or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title and interest in and to said inventions has not been otherwise encumbered by us, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we hereunto set our hands and seals on the day and year hereinafter noted.

	Kallash C Shakla
	Kailash C. Shukla
	Edward F. Doyle
State of <u>Messachusotts</u>) ss.	Christopher I. Metcalfe
Before me this	day of Lebreary, sh C. Shukla, who is to me the foregoing instrument to be his free
personally known, and acknowledged act and deed.	the foregoing instrument to be his free
SEAL	Doune M. Cornice 42/00 NOTARY PUBLIC
State of Massechusetts County of Madlesex ss.	DORINE M. CORMIER, Notary Public My Commission Expires August 14, 2003
	day of Jeneary, rd F. Doyle , who is to me the foregoing instrument to be his free
SEAL	Dorene M. Cornier 1/2/2000 NOTARY PUBLIC
State of Masseehusetts) County of Masseehusetts) ss.	DORINE M. CORMIER, Notary Pater My Commission Expires August 14, 2003
Before me this /2 /2 2000, personally appeared Christ personally known, and acknowledged act and deed.	day of fame to me the foregoing instrument to be his free
SEAL	Donne M. Comes 1/2/2000 NOTARY PUBLIC

DORINE M. CORMIER, Notary Public My Commission Expires August 14, 2003

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DOCKET NO.

TP 9915

RECORDED: 02/11/2000

PATENT REEL: 010586 FRAME: 0767