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TO: The Commissioner of Patents and Trade Submission Type	marks: Please record the attached original d Conveyance Type	ocument(s) or copy(ies).	
X New	X Assignment Security A	greement	
Resubmission (Non-Recordation) Document ID#	License Change of	Name	
Correction of PTO Error Reel # Frame # Corrective Document	Merger Other U.S. Governm (For Use ONLY by U.S. Governm	ient Iment Agencies)	
Reel # Frame #	Departmental File	Secret File	
Conveying Party(ies)	Mark if additional names of conveying	Month Day Yes	
Name (line 1) Larson, Ralph I.			
Second Party		Execution Date Month Day Ye	
Name (line 1)			
Name (line 2)			
Receiving Party	Mark if additional name	es of receiving parties attached	
Name (line 1) Heat Technology, Inc.		is an assignment an receiving party is not	
Name (line 2)		domiciled in the Unit States, an appointme of a domestic	
Address (line 1) 106 Pratt's Junction R	Road	representative is atta (Designation must bu separate document f Assignment.)	
Address (line 2)	015		
Address (line 3) Sterling	MA State/Country	Zip Code	
Domestic Representative Name and	d Address Enter for the first Receiving	Party only.	
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PATENT REEL: 012242 FRAME: 0080

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Addres	S Area Code and Telephone Numbe	r 781-401-9988
Name Daly, Crowley & Moffe	ord, LLP	
Address (line 1) 275 Turnpike Street,	Suite 101	
Address (line 2) Canton, MA 02021-23	10	
Address (line 3)		
Address (line 4)		
Pages Enter the total number o including any attachme	f pages of the attached conveyance doc nts.	ument <b>#</b> 2
Application Number(s) or Patent N		k if additional numbers attached
	the Patent Number (DO NOT ENTER BOTH numb	
Patent Application Number(s	;) Pat	tent Number(s)
09/521,745		
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		cation was Month Day Year
If this document is being filed together with a <u>new</u> signed by the first named executing inventor.	Patent Application, enter the date the patent applic	
Patent Cooperation Treaty (PCT)	PCT PCT	РСТ
Enter PCT application numbe	r	
only if a U.S. Application Num	mber <sub>PCT</sub> PCT	PCT
has not been assigned.		
Number of Properties Enter th	e total number of properties involved.	# 1
Fee Amount Fee Amo	ount for Properties Listed (37 CFR 3.41)	: \$ 40.00
Method of Payment:	Enclosed X Deposit Account	
	if additional fees can be charged to the account.) Deposit Account Number:	# 500845
	Deposit Account Number	
	Authorization to charge additional fees:	Yes X No
Statement and Signature		and a supple and any
To the best of my knowledge an	nd belief, the foregoing information is tra- the original document Charges to dep	ue and correct and any osit account are authorized, as
indicated herein.		
	Van & Man Ree	October 4, 2001
Paul D. Durkee Name of Person Signing	Signature	Date

PATENT REEL: 012242 FRAME: 0081 ٦

M HEAT TECHNOLOGY INC 7814019966

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## ASSIGNMENT

Whereas I, the undersigned, Ralph I. Larson, hereby have each made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled, METHOD AND APPARATUS FOR REMOVING HEAT FROM AN INTEGRATED CIRCUIT identified as Attorney Docket No. HTI-012AUS, which application was executed by me on 03/09/00, filed on 03/09/00 and assigned Application No. 09/521.745. In the event that the execution date, filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys at Daly, Crowley & Mofford, LLP, 275 Turnpike Street, Suite 101, Canton, MA 02021-2310, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, Heat Technology, Inc., a Delaware corporation having a place of business at 106 Pratt's Junction Road, Sterling, Massachusetts 01564, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

## PATENT REEL: 012242 FRAME: 0082

## FAX:19784227191 DC&M, LLP

PATENT Attorney Docket No. HTI-012AUS

PAGE

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignce's request and at Assignce's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignce as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignce all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignce; to communicate to Assignce all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

State or Commonwealth of

County\_

Dated 10/2/01

alph forton

Ralph I. Larson

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me appeared Ralph L Larson, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Notary Public

[seal]

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-2-

## PATENT REEL: 012242 FRAME: 0083

RECORDED: 10/09/2001