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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	d Address Area Code and Telephone Numb	Der 303-892-9400	
Name PETER F.	WEINBERG		
Address (line 1) DAVIS, G	RAHAM & STUBBS, LLP		
Address (line 2) P.O. BOX	185		
Address (line 3) DENVER ,	CO 80201-0185		
Address (line 4)			
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Application Number(s) or	Patent Number(s)	ark if additional numbers attached	
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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.)	·······	
	Deposit Account Number:	# 04-0214	
	Authorization to charge additional fees	: Yes X 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. PETER F. WEINBERG 16 JUNE 1998 Data Data			
Name of Person Sign	ing Signature	8 Date	

FORM PTO-14 Expires 06/30/99 OMB 0651-0027	619C RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY	U.S. Department of Commerce Patent and Trademark Office PATENT
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Receiving Par	rty(ies) Mark if additional names of receiving parts	arties attached
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PATENT REEL: 9281 FRAME: 0287

ASSIGNMENT

WHEREAS, Seshu Babu Desu, Sasangan Ramanthan and Carlos Tres Ayala Suchicital (referred to collectively as "Assignor") have made an invention entitled "Flash Evaporator: for which an application for United States Letters Patent will be filed by Express Mailing Number EM309431289US the application having been executed by Seshu Babu Desu on 3/17/97, by Sasangan Ramanthan on 2/19/97 and Carlos Tres Ayala Suchicital on 3/177/97; and

WHEREAS, Sharp K.K., a Japanese corporation having a place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka 545, Japan and Virginia Tech Intellectual Properties, Inc., a non-stock corporation organized under the laws of Virginia, having a place of business at 1900 Kraft Drive, Blacksburg, Virginia 24060 ("Assignee"), desire to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

GoDATA\PUBL\CLEN\9715 January 2, 1997-12:54pm

PATENT REEL: 9281 FRAME: 0288

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date:	$\left(\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right) = \left(\frac{1}{2} + \frac{1}{$	$\sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i$		
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		and the standing of the		
Date:	2-19-97	Dr. Sasangan Ramanthan		
		Dr. Sasangan Ramanthan		
		Address: 407 HUNT CLUB RD., #316		

Date: ______

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Dr. Carlos Tres Ayala Suchicital					
Address:	S. A. A.	L'	10	Ret	
Malar &				14660	

BLACKSBERG VA 24061

STATE OF <u>Manine</u>) SS. COUNTY OF <u>Mantzener</u>

The foregoing instrument was acknowledged before me this 25 day of Maub_, 1997, by Seshu Babu Desu.

Witness my hand and official seat.

My commission expires:

Jaraa

Harad G. Wheeler.

G/\DATA\PUBL\CLEN\9715 January 2, 1997 12:54pm

PATENT REEL: 9281 FRAME: 0289

STATE OF <u>Vugenia</u>) ss. COUNTY OF <u>Mon Homen</u>

The foregoing instrument was acknowledged before me this 17/1 day of March 1997, by Sasangan Ramanthan.

Witness my hand and official seal.

My commission expires:

Jarah 9. Lekeelen Notary Public

STATE OF <u>Mon</u>) ss. COUNTY OF <u>Mon</u> troney

Witness my hand and official seal.

My commission expires:

<u>3-31-2000</u> <u>Aarok G. Wheeler</u> Notary Public

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