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8/2	7/99 To the Honorat Please record the attacneu one	1135785 <sub>f</sub>
1.	Name of Conveying Party(ies):  Edward W. Bottum, Sr. and Edward W. Bottum, Jr.	Name and address of receiving party(ies)  Name: Refrigeration Research, Inc.  Internal Address:
Additional	name(s) of conveying party(ies) attached? Yes _X No	
3.	Nature of conveyance:  X Assignment Merger  Security Agt Change of Name Other	Street Address: 525 N. Fifth Street  City: Brighton State: MI Zip: 48116  Additional name(s) & address(es) attached: Yes X No
	Execution Date: August 23, 1999  Application number(s) or patent number(s):	
	If this document is being filed together with a new application No.(s)  A. Patent Application No.(s)  B. O9/384604  Additional numbers attached:	
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total no. of applications and patents involved One (1)
Name:	William J. Clemens	
Internal	Address: MacMillan, Sobanski, & Todd, LLC	7. Total fee (37 CFR 3.41) \$\) 40.00  Enclosed  Authorized to be charged to deposit account
Street A	ddress: One Maritime Plaza, Fourth Floor	8. Deposit account number:
	720 Water Street	50-0567
City:	Toledo State: OH Zip: 43604	(Attach duplicate copy of this page if paying by deposit account)
9/03/1999	MTH911 00000046 500567 09384604 \ DO NOT US	E THIS SPACE
1 <b>FC:581</b> 9.	Statement and signature. To the best of my knowledge of attached copy is a true copy of the original document.  William J. Clemens	and belief, the foregoing information is true and correct and any  Mull My 24, 1999
	Name of Person Signing Signature	( Bail
Total number of pages including cover sheet, attachments and document: Two (2)		

## **ASSIGNMENT**

For One Dollar and other good and valuable consideration to me in hand paid, receipt whereof is hereby acknowledged, WE, EDWARD W. BOTTUM, SR., of 9357 Spencer Road, Brighton, Michigan 48116, and EDWARD W. BOTTUM, JR., of 9423 Spencer Road, Brighton, Michigan 48116, have sold, assigned and transferred and by these presents do sell, assign and transfer unto REFRIGERATION RESEARCH, INC., a corporation organized and existing under and by virtue of the laws of the State of Michigan, having offices at 525 N. Fifth Street, Brighton, Michigan 48116, the entire right, title and interest in and to certain improvements in a SOLAR REFRIGERATION AND HEATING SYSTEM USABLE WITH ALTERNATIVE HEAT SOURCES described in the United States Patent Application executed on even date herewith, and in and to any and all Letters Patent to be obtained therefor in the United States of America and all other countries; and WE hereby authorize and request the United States Commissioner of Patents and Trademarks and the officials empowered to issue patents in countries foreign to the United States of America to issue any and all Letters Patent that may be granted for said improvements to the said [company], for the sole use and behoof of itself, its successors and assigns.

IN TESTIMONY WHEREOF, WE hereunto set our hands and seals this 23 day of August, 1999.

Edward W Bottum Sr EDWARD W. BOTTUM, SR.

Edward W. BOTTUM, JR.

STATE OF MICHIGAN

) ss:

COUNTY OF LIVINGSTON

Before me, the undersigned, a Notary Public in and for said County, this day personally appeared Edward W. Bottum, Sr. and Edward W. Bottum, Jr., the grantors within named, and acknowledged the execution of the foregoing instrument to be their voluntary act and deed for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal this day of August, 1999.

NOTARY PUBLIC

SEAL c:\cf\2017\15059.bby

GLADYS L BOTTUM

Notacy Public, Livingston County, MI

My Commission Expires Sept. 22, 2001

PATENT

REEL: 010204 FRAME: 0919