

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gregory H. Loibl</td> <td>02/11/2010</td> </tr> <tr> <td>George Sidebotham</td> <td>02/11/2010</td> </tr> </tbody> </table>		Name	Execution Date	Gregory H. Loibl	02/11/2010	George Sidebotham	02/11/2010				
Name	Execution Date										
Gregory H. Loibl	02/11/2010										
George Sidebotham	02/11/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Cooper Union for the Advancement of Science and Art</td> </tr> <tr> <td>Street Address:</td> <td>41 Cooper Square</td> </tr> <tr> <td>City:</td> <td>New York</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10003</td> </tr> </table>		Name:	The Cooper Union for the Advancement of Science and Art	Street Address:	41 Cooper Square	City:	New York	State/Country:	NEW YORK	Postal Code:	10003
Name:	The Cooper Union for the Advancement of Science and Art										
Street Address:	41 Cooper Square										
City:	New York										
State/Country:	NEW YORK										
Postal Code:	10003										
PROPERTY NUMBERS Total: 2											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11981085</td> </tr> <tr> <td>Application Number:</td> <td>11258651</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11981085	Application Number:	11258651				
Property Type	Number										
Application Number:	11981085										
Application Number:	11258651										
CORRESPONDENCE DATA											
<p>Fax Number: (212)515-6960</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 212-326-0249</p> <p>Email: bnegrin@pryorcashman.com</p> <p>Correspondent Name: Barry E. Negrin</p> <p>Address Line 1: 7 Times Square</p> <p>Address Line 2: Pryor Cashman LLP</p> <p>Address Line 4: New York, NEW YORK 10036</p>											
ATTORNEY DOCKET NUMBER:	13113										
NAME OF SUBMITTER:	Barry E. Negrin										
<p>Total Attachments: 3</p> <p>source=Assignment Cooper Union#page1.tif</p>											

CH \$80.00 11981085

501112676

PATENT
REEL: 024046 FRAME: 0483

source=Assignment Cooper Union#page2.tif
source=Assignment Cooper Union#page3.tif

ASSIGNMENT OF INVENTION

PATENT

For: ☒ U.S. and/or ☒ Foreign RightsFor: ☒ U.S. Application or ☐ U.S. PatentBy: ☒ Inventor(s) or ☐ Present Owner

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORS (Inventor or person or entity who owns the invention):

Type or print name(s) of ASSIGNOR(S), Address and Nationality

Gregory H. Loibl
821 Violet Avenue
Hyde Park, NY 12538 US
US citizen

George Sidebotham
155 Litchfield Avenue
Babylon, NY 11702 US
US citizen

hereby sells, assigns, and transfers to

ASSIGNEE:

Type or print name of ASSIGNEE, Address and Nationality

The Cooper Union for the Advancement
of Science and Art (an educational institution)
41 Cooper Square
New York, NY 10003 US

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest
☐ an undivided _____ percent (____%) interest for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

RAPID FLUID COOLING SYSTEM AND REFRIGERATION DEVICE HAVING SAME

Attorney File No.: 13113.00001

and which is found in:

- (a) ☐ U.S. patent application executed on even date herewith.
(b) ☐ U.S. patent application executed on _____
(c1) ☒ U.S. patent application Serial No. 11/981,085 filed October 31, 2007; and
(c2) ☒ U.S. patent application Serial No. 11/258,651 filed October 25, 2005.
(d) ☐ U.S. Patent No. _____ issued on _____
(e) ☐ U.S. provisional patent application No. _____ filed _____

☐ A change of address to which correspondence is to be sent
regarding patent maintenance fees is being sent separately.

(also check (f) if foreign application(s) is also being completed)

- (f) ☒ and any legal equivalent thereof in a foreign country, including the right to
claim priority.

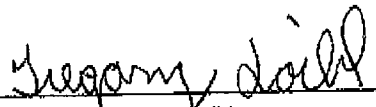
and, in and to, all Letters Patent to be obtained for said invention by the above application or any utility,
continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or
re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be
made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all
pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be
known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding
related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers,
instruments or affidavits required to apply for, obtain, maintain, issue and enforce all application, said invention
and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the
purposes thereof.

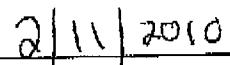
IN WITNESS WHEREOF, I/We are authorized to sign on behalf of ASSIGNOR and have hereunto set

hand and seal.



Gregory H. Koibl

George Sidebotham



date

date

Attorney File No.: 13113.00001

and which is found in:

- (a) ☐ U.S. patent application executed on even date herewith.
- (b) ☐ U.S. patent application executed on _____.
- (c1) ☒ U.S. patent application Serial No. 11/981,085 filed October 31, 2007; and
- (c2) ☒ U.S. patent application Serial No. 11/258,651 filed October 25, 2005.
- (d) ☐ U.S. Patent No. _____ issued on _____.
- (e) ☐ U.S. provisional patent application No. _____ filed _____.

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (f) if foreign application(s) is also being completed)

- (f) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority.

and, in and to, all Letters Patent to be obtained for said invention by the above application or any utility, continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce all application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We are authorized to sign on behalf of ASSIGNOR and have hereunto set hand and seal.

Gregory H. Loibl



George Sidebotham

date



date