

PATENT ASSIGNMENT

Electronic Version v08
 Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT	APPLICATION NUMBER 11/164375
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST	

CONVEYING PARTY DATA

Name	Execution Date
John S. Hsu	2005-11-21
Chester Coomer	2005-11-21
Curtis W. Ayers	2005-11-21
Laura D. Marlino	2005-11-21

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
UT-Battelle, LLC	1 Bethel Valley Road		Oak Ridge	TENNESSEE	37831

CORRESPONDENCE DATA

FAX NUMBER: 8655740381

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 024298

NAME OF PERSON SIGNING:	Kirk A. Wilson
DATE SIGNED:	2005-11-21

Total Attachments: 5

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CH \$40.00 131958 11164375

Full name of first inventor: John S. Hsu

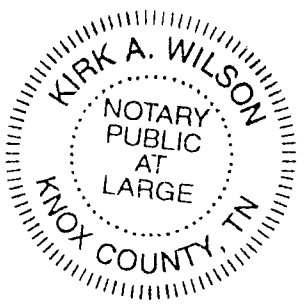
Inventor's Signature: John S. Hsu Date: 8/24/04

Address: ~~(105 Edinboro Lane, #B-20)~~ Oak Ridge, Tennessee 37830
139 MARIETTA CIRCLE,

State of Tennessee)
County of Anderson)

On this 24th day of August, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared John S. Hsu, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



SEAL

Kirk A. Wilson
Notary Public

MY COMMISSION EXPIRES
MARCH 30, 2005

My Commission Expires: _____

ASSIGNMENT

WHEREAS, I, the below-named inventor whose residence and post office box is as stated below, have invented certain new and useful improvements in an

Method KAA 11/21/05
FLOATING LOOP ~~SYSTEM~~ FOR COOLING INTEGRATED MOTORS AND
INVERTERS USING HOT LIQUID REFRIGERANT

(hereinafter referred to as "Subject Invention") for which an application for United States Letters Patent was executed by me on even date herewith, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at 111-B Union Valley Road, P.O. Box 2008, Oak Ridge, Tennessee 37831-6498 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the right, title, and interest of the undersigned in the Subject Invention and to any Letters Patent that may be granted therefore in the United States of America and in any and all foreign countries.

NOW, THEREFORE, in accordance with the terms of my employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to ASSIGNEE my entire right, title, and interest in the Subject Invention, to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or applications therefore on the Subject Invention.

I hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, I hereby agree to communicate to said ASSIGNEE or its representatives any facts known to me respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

I further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on me, my heirs, legal representatives, and assigns.

Full name of second inventor: Curtis W. Ayers

Inventor's Signature: Curtis W. Ayers

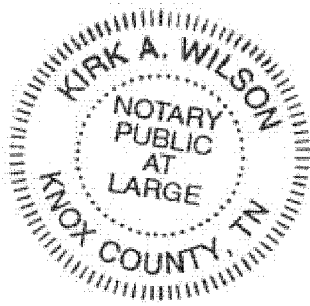
Date: 8/24/04

Address: 183 Old Johnston Valley Road, Kingston, Tennessee 37763

State of Tennessee)
County of Anderson)

On this 24th day of August, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Curtis W. Ayers, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



Kirk A. Wilson
Notary Public

SEAL

MY COMMISSION EXPIRES
MARCH 30, 2005

My Commission Expires: _____

Full name of third inventor: Chester Coomer

Inventor's Signature: Chester Coomer

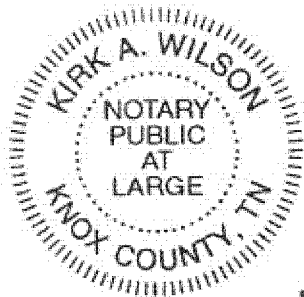
Date: 8-24-2004

Address: 9212 Hollander Lane, Knoxville, Tennessee 37931

State of Tennessee)
County of Anderson)

On this 24th day of August, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Chester Coomer, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



SEAL

Kirk A. Wilson
Notary Public

MY COMMISSION EXPIRES
MARCH 30, 2005

My Commission Expires: _____

Full name of fourth inventor: Laura D. Marlino

Inventor's Signature: Laura D. Marlino

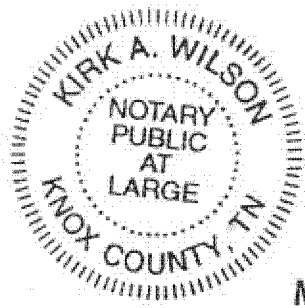
Date: 8/24/04

Address: 134 Newport Drive, Oak Ridge, Tennessee 37830

State of Tennessee)
County of Anderson)

On this 24th day of August, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Laura D. Marlino, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



Kirk A. Wilson
Notary Public

SEAL

MY COMMISSION EXPIRES
MARCH 30, 2005

My Commission Expires: _____