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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents

Original documents or copy thereof.

1. Name of conveying party(ies): **American Metals and Plastics, Inc.**
Additional name(s) of conveying party(ies) attached? () Yes (X) No

3-11-02

2. Name and address of receiving party(ies)
Name: **American Cooling Systems, Ltd.**
Internal Address: **Suite 3700**
Street Address: **Three First National Plaza**
City: **Chicago** State: **IL** ZIP: **60602**
Additional name(s) & address(es) attached: () Yes (X) No

3. Nature of conveyance:
(X) Assignment () Merger
() Security Agreement () Change of Name
() Other _____
Execution Date: March 12, 1999

4. Application number(s) or patent number(s): 6,230,866
If this document is being filed together with a new application, the execution date of the application is: March 12, 1999
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? () Yes (X) No.

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Lawrence J. Crain, Esq.**
Greer, Burns & Crain, Ltd.
Internal Address: **300 South Wacker Drive**
25th Floor
Chicago, Illinois 60606
Street Address: _____
City: _____ State: _____ ZIP: _____
Additional name(s) & address(es) attached: () Yes (X) No

6. Total number of applications and patents involved: **1**
7. Total fee (37 CFR 3.41) \$ **40.00**
(X) Enclosed
(X) Authorized to be charged to deposit account only in the event proper payment is not enclosed.
8. Deposit account number:
07-2069
(Attach duplicate copy of this page if paying by deposit account)

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9. 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.
Lawrence J. Crain Name of Person Signing
Lawrence J. Crain Signature
March 4, 2002 Date

1814.62772 Total number of pages including cover sheet, attachments, and document: **4**

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

03/21/2002 LMUELLER 00000305 6230866

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PATENT
REEL: 012683 FRAME: 0987

ASSIGNMENT

WHEREAS, American Metals and Plastics, Inc., a corporation of the State of Michigan, having a principal place of business at 450 32nd Street, Grand Rapids, Michigan 49548, hereinafter referred to as ASSIGNOR, has been assigned the entire right, title, and interest in the inventions listed in EXHIBIT A, attached, for which applications for U.S. Letters Patent having the Serial Numbers indicated in said Exhibit were filed on the dates indicated; and

WHEREAS, American Cooling Systems, LLC, a Michigan Limited Liability Company having a principal place of business at Three First National Plaza, Suite 525, Chicago, Illinois 60602, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire interest in, to, and under said inventions and the U.S. Letters Patents to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE TO ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said inventions and all U.S. Letters Patents to be obtained therefor on said applications or any continuations, divisions, renewals, substitutes or reissues thereof and in and to all Letters Patents and all Convention and Treaty rights of all kinds, in all countries throughout the world for said inventions for the full term or terms for which the same may be granted.

ASSIGNOR also assigns all of its right, title and interest in and to said inventions in all foreign countries, and all applications for Letters Patents which may evolve therefrom, including the right to claim International Convention priority.

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 and sale.

ASSIGNOR also covenants that with this assignment it has assigned to ASSIGNEE all pending patent applications and/or Letters Patent relating to ASSIGNOR'S Fan and/or Fan Clutch technology.

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

Date 3/12/99

Thomas M. Cook, President
for ASSIGNOR
Thomas Cook, President

State of)
County of) ss:

Thomas M. Cook TC

I hereby certify that March 12, an officer of ASSIGNOR, before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him, on behalf of ASSIGNOR, as his free and voluntary act on this 12 day of March, 1999.

(Notarial Seal)

Robert Chaves
Notary Public
Robert Chaves
My commission expires:
4/14/2000

EXHIBIT A

<u>TITLE</u>	<u>SERIAL NO.</u>	<u>FILING DATE</u>
ANTICRACKING FAN CENTER DISK	09/092,233	June 5, 1998
ELECTRIC FAN CLUTCH	08/920,569	August 29, 1997
MAGNETIC FAN CLUTCH	60/095,498	August 6, 1998
MAGNETIC CLUTCH METHOD AND APPARATUS FOR DRIVING A VEHICLE AIR CONDITIONER	60/095,750	August 7, 1998
MAGNETIC CLUTCH SYSTEM	09/140,511	August 26, 1998
MAGNETIC CLUTCH SYSTEM	PCT/US98/17751	August 26, 1998