

*DS* ✓

11-23-2005



103124748

REC  
NOV 18 2005  
PATENT & TRADEMARK OFFICE

To the Director of the U.S. Patent and Trademark Office

Current or the new address(es) below.

**1. Name of conveying party(ies)**

Mark Votaw  
Joseph Ramunni

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Arzel Zoning Technology, Inc.

Internal Address: \_\_\_\_\_

Street Address: 4801 Commerce parkway

City: Cleveland

State: OH

Country: \_\_\_\_\_ Zip: 44128

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 11/10/2005

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

A. Patent Application No.(s)  
11/226,165

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: David J. Muzilla, Hahn Loeser & Parks LLP

Internal Address: \_\_\_\_\_

Street Address: One GoJo Plaza

Suite 300

City: Akron

State: OH Zip: 44311-1076

Phone Number: 330 864-5550

Fax Number: 330 864-7986

Email Address: djmuzilla@hahnlaw.com

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

*David J. Muzilla*  
Signature

11-15-05  
Date

David J. Muzilla  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: **3**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

11/21/2005 MBERHE 00000011 11226165  
06 FC:8021 40.00 OP



ATTACHMENT FOR RECORDATION FORM COVER SHEET  
**PATENTS ONLY (Form PTO-1595)**

1. Name of conveying party(ies):

Thomas Delp  
Al Zelczer  
Vladimir Sipershteyn

Dennis Laughlin  
Leonard Roth

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: \_\_\_\_\_  
Internal Address: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Name and address of receiving party(ies)

Name: \_\_\_\_\_  
Internal Address: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. Patent No.(s)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Additional numbers attached?  Yes  No

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventors

**ASSIGNMENT OF INVENTION**

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

**ASSIGNORS:**

Mark Votaw  
1116 Valleydell Drive  
North Canton, OH 44720  
Nationality: USA

Joseph Ramunni  
30 Fixler Road  
Wadsworth, OH 44281  
Nationality: USA

Thomas Delp  
96 Chatham Drive  
Aurora, OH 44202  
Nationality: USA

Dennis Laughlin  
11066 Wilson Mills Road  
Chardon, 44024  
Nationality: USA

Al Zelczer  
4498 Churchill Boulevard  
University Heights, OH 44118  
Nationality: USA

Leonard Roth  
14450 Summerfield Road  
University Heights, OH 44118  
Nationality: USA

Vladimir Sipershteyn  
7336 Forestwood Drive  
Independence, OH 44131  
Nationality: USA

hereby sell, assign and transfer to

**ASSIGNEE:**

Arzel Zoning Technology, Inc.  
4801 Commerce Parkway  
Cleveland, OH 44128  
State of Formation: OH.


and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions 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:

SYSTEM AND METHOD FOR HEAT PUMP ORIENTED ZONE CONTROL


and which is found in (37 C.F.R. § 3.21) U.S. application serial no. 11/226,165 filed on September 14, 2005 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 continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

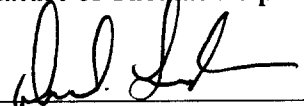
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant 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 ASSIGNORS 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 said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 11/10/05   
Signature of Mark Votaw

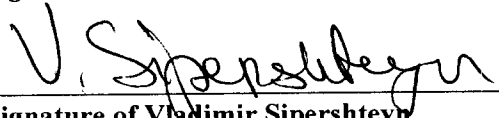
Date: 11/10/05   
Signature of Joseph Ramunni

Date: 11/10/05   
Signature of Thomas Delp

Date: 11/10/05   
Signature of Dennis Laughlin

Date: 11-10-05   
Signature of Al Zelcer

Date: 11/10/05   
Signature of Leonard Roth

Date: 11.10.05   
Signature of Vladimir Sipershteyn