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William J. Haas  
  
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Internal Address: \_\_\_\_\_  
  
Street Address: 4615 DuCharme Avenue  
  
City: Bartonville  
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**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) May 7, 2013  
 Assignment  Merger  
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**4. Application or patent number(s):**  This document serves as an Oath/Declaration (37 CFR 1.63).  
A. Patent Application No.(s)  
  
US6,770,848; US7,022,950; US8,084,722  
  
Additional numbers attached?  Yes  No

B. Patent No.(s)

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: William S. Haas  
Internal Address: \_\_\_\_\_  
  
Street Address: 4615 DuCharme Avenue  
  
City: Bartonville  
State: Illinois Zip: 61607  
Phone Number: (309)697-6863  
Docket Number: \_\_\_\_\_  
Email Address: colcomm@att.net

**6. Total number of applications and patents involved:** 3  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 120.00  
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**9. Signature:** William J. Haas May 7, 2013  
Signature Date  
William J. Haas  
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**PATENT**  
**REEL: 030584 FRAME: 0402**

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22313-1450



May 7, 2013

I bear by transfer on this date all rights and ownership of the following listed patents to

THINHEAT LLC

4615 DuCharme Avenue

Bartonville, Illinois 61607

**PATENT NUMBERS**

US 6, 770,848

US 7,022,950

US 8,084,722

*William J Haas*  
William J. Haas

Date