



RE

01-06-2004



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Substitute Form PTO-1595
Attorney Docket No.: 13442-014001

12.30.03

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Swales Aerospace, Brian Marland and Charles Stouffer Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Swales & Associates, Inc. 5050 Power Mill Road Beltsville, Maryland 20705 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 11/06/2003; 11/10/2003 and 12/16/2003	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: B: Patent No(s).: 6,276,144 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: W. Karl Renner Fish & Richardson P.C. 1425 K Street, N.W. 11th Floor Washington, DC 20005-3500	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i> Diana DiBerardino Reg. No. 45,653 Name of Person Signing Diana DiBerardino Signature December 30, 2003 Date	
Total number of pages including coversheet, attachments and document: 5	

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ASSIGNMENT

If the Assignment executed on August 13, 1999 and recorded in the United States Patent and Trademark Office at Reel 010211, Frame 0799 on August 26, 1999 effected title transfer from the inventors to Swales Aerospace, then:

For valuable consideration, we, Swales Aerospace of Beltsville, Maryland, hereby assign to:

Swales & Associates, Inc., a corporation of Delaware having a place of business at:
5050 Power Mill Road
Beltsville, Maryland 20705; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent No. 6,276,144, entitled CRYOGENIC THERMAL SWITCH EMPLOYING MATERIALS HAVING DIFFERING COEFFICIENTS OF THERMAL EXPANSION, filed August 26, 1999, assigned U.S. Application No. 09/383,897, this assignment including said patent, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date 11-6-03

Name: William Leadman

Title: Secretary & General Counsel

If the Assignment executed on August 13, 1999 and recorded in the United States Patent and Trademark Office at Reel 010211, Frame 0799 on August 26, 1999 did not effect title transfer from the inventors to Swales Aerospace for any reason, then:

For valuable consideration, we, BRIAN MARLAND of Ellicott City, Md., CHARLES STOUFFER of Kensington, Md., hereby assign to:

Swales & Associates, Inc., a corporation of Delaware having a place of business at:

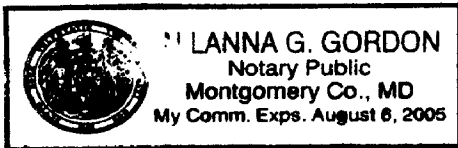
5050 Power Mill Road
Beltsville, Maryland 20705; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent No. 6,276,144, entitled CRYOGENIC THERMAL SWITCH EMPLOYING MATERIALS HAVING DIFFERING COEFFICIENTS OF THERMAL EXPANSION, filed August 26, 1999, assigned U.S. Application No. 09/383,897, this assignment including said patent, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Beltsville, MD,
this 10th day of November, 2003
Brian Marland L.S.
BRIAN MARLAND

State of Maryland :
: ss.
County of Prince George's:

Before me this 10th day of November, 2003, personally
appeared BRIAN MARLAND known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.



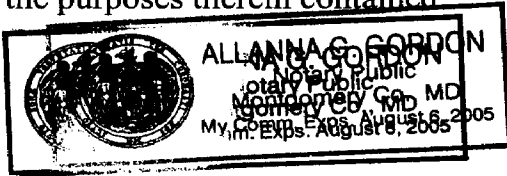
[Notary's Seal Here]

Lanna G. Gordon
Notary Public
My Commission Expires: August 6, 2005

IN WITNESS WHEREOF, I hereto set my hand and seal at BELTSVILLE MD.,
this 16 day of DECEMBER, 2003.
Charles J. Stouffer L.S.
CHARLES J. STOUFFER

State of Maryland :
: ss.
County of Prince George's:

Before me this 16th day of December, 2003, personally
appeared CHARLES J. STOUFFER known to me to be the person whose name is subscribed to
the foregoing Assignment and acknowledged that he executed the same as his free act and deed
for the purposes therein contained



Allanna Gordon
Notary Public
My Commission Expires: August 6, 2005

[Notary's Seal Here]

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