A/D 581-40

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## DT15 Rec'd PCT/PTO 2 1 NOV 2003

Attny. Docket No. APC-PT291L	JS		No. EV317018701US	
Form <b>PTO-1595</b> (Rev. 10/02)	05-28-2004	SHEET	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
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To the Honorable Comi	102754292	***************************************	iginal documents or copy thereof.	
1. Name of conveying party(ie GLORIOSO JR., SAMMIE BURGESS, JAMES H. TANG, JIANSHENG		Name: <u>APACHE</u>	of receiving party(ies) PRODUCTS COMPANY	
Additional name(s) of conveying party	/(ies) attached? ☐ Yes 🔣 No			
3. Nature of conveyance:				
Assignment	☐ Merger			
		Street Address: 10	7 SERVICE ROAD,	
Security Agreement	Change of Name	P.O. BOX 5287		
Other				
		City: ANDERSON	State:_SCZip:	
Execution Date: 06/17/2002		Country:	<del> </del>	
		Additional name(s) & ad	dress(es) attached? 🖳 Yes 🗶 No	
4. Application number(s) or pa		478369	11/12/2003	
If this document is being filed together with a new application			te of the application is:	
A. Patent Application No.(s)		B. Patent No.(s)		
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	Additional numbers atta	ached? 🔲 Yes 💹 No		
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of app	lications and patents involved:	
Name:_ C. FREDERICK KOENIG III		7. Total fee (37 CFR 3	.41)\$_40.00	
Internal Address: VOLPE AND KOENIG, P.C.		Enclosed		
UNITED PLAZA, SUITE 16	300	Authorized to b	e charged to deposit account	
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Street Address: 30 SOUTH	1/IMSIMEEI		22-0493 /olpe and Koenig, P.C.	
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City: PHILADELPHIA State: [	PA Zip: 19103	(Attach duplicate copy of	this page if paying by deposit account)	
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is a true copy of the original C. Frederick Koenig III	i aocument. c.		11/21/62	
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Total number of pages including cover sheet, attachments, and documents:

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Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office P.O. Box 1450 Alexandria. VA 22313-1450 Date

Sheet 1 of 1

#### ASSIGNMENT

Joey Glorioso, residing at 107 Clairemont Drive, Ridgeland, Mississippi 39157, United States of America, a citizen of the United States of America; and James H. Burgess, residing at 105 West Round Hill Road, Greenville, South Carolina 29609, United States of America, a citizen of the United States of America, (hereafter jointly and severally referred to as the undersigned), are the inventors of

# FOAM INSULATION MADE WITH EXPANDABLE MICROSPHERES AND METHODS

for which a Patent Cooperation Treaty (PCT) patent application designating, inter alia, the United States, International Application No. PCT/US02/16508, was filed May 24, 2002.

Apache Products Company, a South Carolina corporation, having its principal place of business at 107 Service Road, P.O. Box 5287, Anderson, South Carolina 29623-5287, United States of America, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the PCT application entitled as above, and all national phase applications, divisions and continuations thereof, and in all letters patent, including all reissues thereof, throughout the world, including the right to claim priority under the Paris Convention.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on	this day of	, 2002
at	·	
Witness:		
and somerne	Joey Glorioso	(L.S.)
State of		
County of Hinds	SS.	
On this 27th day of	UNL, 2002 before me personally app	eared Joey
Glorioso, to me known to be the	erson described herein and who executed the	foregoing
	t he executed the same knowingly and willing	
the purposes therein contained.		
Witness my hand and Notar	rial seal the day and year immediately above	written.
	Mey J Mumi	<u>û</u> n
My Commission Expires: MISSISSIPR MY COMM BONDED TH	PHI STATEWIDE NOTARY PUBLIC VISSION EXPIRES DEC. 8, 2003 HRU STEGALL NOTARY SERVICE	

EXECUTED under seal on this <u>25</u> day of <u>Scoler</u> , 2002 at <u>Heavelle</u> , <u>SC.</u>
Witness:  Herence M. Burgen  James H. Burgess  L.S.)
State of South Carolina ss.  County of Heenville
On this 25 day of, 2002 before me personally appeared James H. Burgess, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.  Witness my hand and Notarial seal the day and year immediately above written.
My Commission Expires:  MY COMMISSION EXPIRES  JULY 28, 2005

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### ASSIGNMENT

Jiansheng Tang, residing at 3005 Salisbury Court, Mars, Pennsylvania 16046, United States of America, a citizen of the People's Republic of China; (hereafter the undersigned), is one of several inventors of

### FOAM INSULATION MADE WITH EXPANDABLE MICROSPHERES AND METHODS

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The undersigned warrants that the rights and property herein conveyed are free and clear of any encumbrance.

-1 of 2-

EXECUTED under seal on this // Witness: Jiansheng Tang SS. , 2002 before me personally appeared Jiansheng Tang, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained. Witness my hand and Notarial seal the day and year immediately above written. My Commission Expires: NOTARIAL SEAL BONITA B. DIAMOND, Notary Public Monaca, Beaver County My Commission Expires May 3, 2004

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