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	Form PTO-1595 REC (Rev. 10/02)		U.S. DEPARTMENT U.S. Patent and	OF COMMERCE Trademark Office
Й	OMB No. 0651-0027 (exp. 6/30/2005) ▼ 1028 Tab settings ⇒ ⇒ ▼ ▼ 1028	56267 ,	¥	<u> </u>
Ň	To the Honorable Commissioner of Patents and Trademarks:	Please record the attached o	riginal documents or cop	y thereof.
5.01	1. Name of conveying party(ies): Norman T. Huff Larry J. Champney Ahmet Selamet Iljae Lee Additional name(s) of conveying party(es) attached? The Yes The No	Inc.	of receiving party(i ning Fiberglas I	echnology,
	3. Nature of conveyance: Image: Assignment Image: Security Agreement Image: Other	Street Address: 7	734 West 59th St	reet
		City: Summit	State: IL	Zip. <u>60501</u>
	Execution Date: 05/10/2004	Additional name(s) & ad	idress(es) attached?	Yes 🖾 No
	If this document is being filed together with a new appl A. Patent Application No.(s) 10/836, 777 Additional numbers at	B. Patent No.(s)		
	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of app		
	Name: James J. Dottavio	7. Total fee (37 CFR 3	3.41)\$ <u> </u>	40.00
	Internal Address:	Enclosed		
10/12/2	04 GT0N11 00000024 500568 10836777	Authorized to t	be charged to depos	sit account
01 FC:80	21 40.00 DA Street Address: Owens Corning S&T Center	8. Deposit account nu	imber:	CEN.
	2790 Columbus Road, Building 11-7		50-0568	
	City: Granville State: Ohio Zip: 43023-1200	(Attach duplicate copy o	f this page if paying by c	ieposif account)
	DO NOT US	E THIS SPACE		<u>N</u> 2
	 9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. <u>James J. Dottavio</u> Name of Person Signing 	Signature	<u> </u>	ched copy U-04 Date
1		er sneet, augunments, and bo h required cover sheet informati Trademarks, Box Assignments n, D.C. 20231	ion to:	

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PATENT REEL: 015865 FRAME: 0649 Attorney Docket No. 253218

ASSIGNMENT

IVWE ("Assignor"), Norman T. Huff, Larry J. Champney, Ahmet Selamet, Iljae Lee, have invented a new and useful improvement in Mufflers With Enhanced Acoustic Performance At Low And Moderate Frequencies ("the Invention"), and have executed an Application for United States Patent based thereon having Attorney Docket No. 25321B and/or Serial No. ("the Application").

OWENS-CORNING FIBERGLAS TECHNOLOGY, INC., a corporation of Illinois having a place of business at 7734 West 59th Street, Summit, IL 60501, and THE OHIO STATE UNIVERSITY, an institute of Ohio having a place of business at 1960 Kenny Road, Columbus, OH 43210-1063, ("U.S. Assignees"), are desirous of acquiring and have acquired certain U.S. rights in and to the Invention and the Application.

OWENS CORNING, a corporation of Delaware having a place of business at One Owens Corning Parkway, Toledo, Ohio, 43659, and THE OHIO STATE UNIVERSITY, an institute of Ohio having a place of business at 1960 Kenny Road, Columbus, OH 43210-1063, ("Non-U.S. Assignees"), are desirous of acquiring and have acquired certain non-U.S. rights in and to the invention and patent applications based on or claiming priority to the Application.

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

I/WE, Assignor, have agreed to and do hereby sell, assign, and transfer unto U.S. Assignee my/our entire right, title, and interest in and throughout the United States of America (including its territories and dependencies), in and to the Invention, the Application, and any and all patents (including extensions, reissues, and reexaminations thereof) of the United States of America that have been or may be granted on the Invention or any part thereof, or on the Application or any divisional, continuation, renewal, reissue, or other U.S. patent application based in whole or in part on the Application or the Invention ("the U.S. Patent Rights"); the U.S. Patent Rights TO BE HELD AND ENJOYED by U.S. Assignees, its successors, and assigns to the full ends of the respective terms or periods for which the U.S. Patent Rights are pending, in force, or have been or may be granted or extended, as fully and entirely as the same would have been held and enjoyed by me/us had no assignment of said right, title, and interest been made;

AND I/WE, Assignor, have agreed to and do hereby sell, assign, and transfer unto Non-U.S. Assignees my/our entire right, title, and interest in all countries other than the United States of America, along with the right to claim priority based on the Application, in and to the Invention, all non-U.S. patent applications based on or claiming priority to the Application, and any and all patents (including extensions, reissues, and reexaminations thereof) of such countries that have been or may be granted on the Invention or any part thereof, or on any non-U.S. patent application based on or claiming priority to the Application, and patent application based in whole or in part on the Application, any patent application based on or claiming priority to the Application, or the Invention ("the Non-U.S. Patent Rights"); the Non-U.S. Patent Rights TO BE HELD AND ENJOYED by Non-U.S. Assignees, its successors, and assigns to the full ends of the respective terms or periods for which the Non-U.S. Patent Rights are pending, in force, or have been or may be granted or extended, as fully and entirely as the same would have been held and enjoyed by me/us had no assignment of said right, title, and interest have been made.

FURTHER, I/WE, Assignor, hereby covenant and agree for myself/ourselves, my/our heirs, and my/our legal representatives to assist U.S. Assignees and Non-U.S. Assignees in the prosecution of any and all patent applications assigned hereby and in any interference, opposition, or other legal proceeding that may arise involving the invention, the Application, the U.S. Patent Rights, or the Non-U.S. Patent Rights, and, upon request, to execute without further consideration all papers necessary or desirable for the preparation or prosecution of any divisional, continuation, renewal, reissue, reexamination, or other applications for patents in any country that might be deemed necessary or desirable by U.S. Assignees or Non-U.S. Assignees to fully to secure its respective right, title, and interest in and to the invention or any part thereof, in and to the Application or any patent application based thereon or claiming priority thereto, or in and to the U.S. Patent Rights or the Non-U.S. Patent Rights, as aforesaid;

AND I/WE, Assignor, hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue to U.S. Assignees any United States patent that may be granted based on the Invention or the Application, or on any other U.S. application assigned hereby; and I/we hereby authorize and request the authorized officials of all countries other than the United States of America to issue to Non-U.S. Assignees any non-U.S. patent that may be granted based on the Invention or the Application, or on any other U.S. application or the Application, or on any non-U.S. Assignees any non-U.S. patent that may be granted based on the Invention or the Application, or on any non-U.S. application assigned hereby.

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PATENT REEL: 015865 FRAME: 0650

Signed this <u>1/2</u> day of <u>Mary</u> , 2004	STATE OF OHIO COUNTY OF LICEING)) 35.)
By: <u>Norman T. Will</u>	Before me on the day, month and year identific personally appeared Norman T. Huff, to me known to be the person named in the at	
Name: Norman T. Huff Residence: 7785 Lee Road Brighton, Michigan 48116	who signed the foregoing instrument in my pre- acknowledged the same to be his/her free act	sence and
Citie State of Ohio	Notary Public	SEAL
Expires <u>///29/0/e</u>	My commission expires: <u>///29/06</u>	* * * * * * * * * * * *
Signed this 10 day of May, 2004	STATE OF OHIO COUNTY OF LICKING	.)) 55.)
By: Lang Q. Champing	Before me on the day, month and year identifue personally appeared Larry J. Champney,	
Name: Kerty J Champney Residence: 6880 Cross Road	to me known to be the person named in the at who signed the foregoing instrument in my pre acknowledged the same to be his/her free act	isence and
Citizens State of Ohic My Commission	Notary Public	SEAL
Exoires <u>11/29/06</u>	My commission expires: <u>///29/06</u>	
Signed this day of, 2004	STATE OF)) 55.
Ву:	Before me on the day, month and year identifit personally appeared Ahmet Selamet,) E¢ above
Name: Ahmet Selamet Residence: 6134 Saint Mel Circle Dublin, Ohio 43017	to me known to be the person named in the ab who signed the foregoing instrument in my pre acknowledged the same to be his/her free act :	sence and
Citizənship: Turkey	Notary Public	SEAL
	My commission expires:	
***************************************	**********************	********
Signed this day of, 2004	STATE OF)) 55.
	COUNTY OF)
Ву:	Before me on the day, month and year identifie personally appeared lijze Lee,	d above
Name: Iljae Lee Residence: 591 Tuscarawas Court Columbus, Ohio 43210	to me known to be the person named in the ab- who signed the foregoing instrument in my pre- acknowledged the same to be his/her free act a	sence and
Citizenship: South Korea	Notary Public	SEAL
	My commission expires:	

PAGE 4/5 * RCVD AT 10/4/2004 2:16:59 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/3 * DNIS:8729306 * CSID: * DURATION (mm-ss):02-36

PATENT REEL: 015865 FRAME: 0651

OCT	04	2004	14:20	FR

Attorney Docket No. 25321B

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By: Name: Residence: Citizenship:	day of, 200 Norman T. Huff 7785 Lee Road Brighton, Michigan 48116 US	COUNTY OF Before me on the day, month and year identified above personally appeared Norman T, Huff, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.
Name: Residence: Citizenship:	7785 Lee Road Brighton, Michigan 48116	personally appeared Norman T. Huff, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.
Name: Residence: Citizenship:	7785 Lee Road Brighton, Michigan 48116	to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.
Residence: Citizenship:	7785 Lee Road Brighton, Michigan 48116	who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.
Citizenship:	Brighton, Michigan 48116	acknowledged the same to be his/her free act and deed.
******	• –	Notary Public
******	US	
••••••••		
••••••		SEAL
******		My commission expires:
s=1	*****	***************************************
	and a star and a second star and a	
Signed this _	day of, 200	U4)ss. COUNTY OF)
		Before me on the day, month and year identified above
By:	Larry J. Champney	personally appeared Larry J. Champney,
		to me known to be the person named in the above Assignment,
	6880 Cross Road	who signed the foregoing instrument in my presence and
	Horton, Michigan 49246	acknowledged the same to be his/her free act and deed.
Citizenship:	US	Notary Public
		SEAL
		My commission expires:
Name: Residence:	Ahmet Selaviet 6134 Saint Mel Circle Dublin, Ohio 43017 Turkey	Before me on the day, month and year identified above personally appeared Ahmet Selamet, to me known to be the person name of the cover Assignment, who signed the foregoing Instrumer of Myson inte and acknowledged the same to be nime of the cover and acknowledge the same to be nime of the cover and acknowledge the cover and acknowledge the cover and acknowledge the cover acknowledge the cover and acknowledge the cover acknowledge the cover acknowledge the cover acknowledge the cover acknowledge the co
*******	******************	*********
	17 th	STATE OF Chro >
Signed this _	11th day of May , 200	COUNTY OF Franklin)ss.
_	lailie	Before me on the day, month and year identified above
By:	rearray	personally appeared Iljae Lee,
		to me known to be the person named in the above Assignment,
	591 Tuscarawas Court	who signed the foregoing instrument in my presence and
	Columbus, Ohio 43210	acknowledged the same to be his/becarter and deed.
Citizenship: 3	South Korea	1-2-
onzenany, (Notary Public RYAN K. ZI
		My commission expires: 02 2 My Commission Expire

PATENT REEL: 015865 FRAME: 0652

RECORDED: 10/04/2004