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TO: The Commission	oner of Patents and Tr	ademarks: Ple			document(s) or copy(ies)
Submission Typ			veyance Typ Assignment	—	Agreement	
Resubmission Document ID#	(Non-Recordation)		License	Change o	fName	
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Conveying Party	y(ies)		Mark if additional i	names of conveying	parties attac	ned Execution Date
Name (line 1) John	n David	Phillips				Month Day Year 07/17/2000
Name (line 2)			· · · · · · · · · · · · · · · · ·		·	
Second Party Name (line 1)						Execution Date Month Day Year
Name (line 2)		·····				
Receiving Party			Ма	rk if additional nam	es of receivin	g parties attached
Name (line 1) Owe	ns-Corning Fiber	glas Techno				If document to be recorded is an assignmen: and the
Name (line 2) Sta	te of Illinois co	orporation		· · · · · · · · · · · · · · · · · · ·		receiving party is not domiciled in the United States, an appointment
	4 West 59th Stree	et				of a domestic representative is attached. (Designation must be a
Address (line 2)				········		separate document from Assignment.)
Address (line 3) Sum	City		nois, USA State/Country	60	501 Zip Code	
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FORM PTC Expires 06/30/99 OMB 0651-0027	D-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspond	ent Name and Address	Area Code and Telephone Number	740/321-7168
Name	Patent Administrator		······································
Address (line 1)	Owens Corning Science	Technology Center	
Address (line 2)	2790 Columbus Road, Bu	ilding 54-1	
Address (line 3)	Granville, Ohio 43023-	1200	
Address (line 4)			
Pages	Enter the total number of pa including any attachments.	ges of the attached conveyance docur	ment #
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Statement ar	nd Signature		
attache indicate Jame	best of my knowledge and be d copy is a true copy of the o ed herein. es J. Dottavio of Person Signing	lief, the foregoing information is true a riginal document. Charges to deposit Signature	and correct and any account are authorized, as <u>10-10-00</u> Date

PATENT REEL: 011205 FRAME: 0683

ASSIGNMENT

I/WE ("Assignor"), John David Phillips, have invented a new and useful improvement in **Tabbed Shingles Length Cut At Mid-Tab** ("the Invention"), and have executed an Application for United States Patent based thereon having Attorney Docket No. 24876A ("the Application").

OWENS-CORNING FIBERGLAS TECHNOLOGY, INC., ("U.S. Assignee"), a corporation of Illinois having a place of business at 7734 West 59th Street, Summit, IL 60501, is desirous of acquiring and has acquired certain U.S. rights in and to the Invention and the Application.

OWENS CORNING ("Non-U.S. Assignee"), a corporation of Delaware having a place of business at One Owens Corning Parkway, Toledo, Ohio, 43659, is desirous of acquiring and has 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. Assignee, 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 hac 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. Assignee 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 based on or claiming priority to the Application based on or claiming priority to the 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. Assignee, 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. Assignee and Non-U.S. Assignee 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. Assignee or Non-U.S. Assignee to fully to secure its respective right, title, and interest in and to the Invention 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. Assignee 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. Assignee 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. Assignee 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.

PATENT REEL: 011205 FRAME: 0684

Signed this <u>17</u> day of _____ , 2000 Phillion By:

Name: John David Phillips Residence: 49 Jefferson Ridge Pataskala, Ohio 43062

Citizenship: US

STATE OF CHIO COUNTY OF LICKINS

Before me on the day, month and year identified above personally appeared John David Phillips, 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/per filee appand deed.

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Notary Public