FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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RECORDATION FORM COVER SHEET			
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).			
Submission Type Conveyance Type			
X New X Assignment Security Agreement			
Resubmission (Non-Recordation) Document ID# License Change of Name			
Correction of PTO Error Reel # Frame # U.S. Government			
Corrective Document (For Use ONLY by U.S. Government Agencies) Reel # Departmental File Secret File			
Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Year			
Name (line 1) Daojie Dong 05/23/2001			
Name (line 2) Execution Date			
Second Party Name (line 1) Beculon Date Month Day Year			
Name (line 2)			
Receiving Party Mark if additional names of receiving parties attached			
Name (line 1) Owens-Corning Fiberglas Technology, Inc. If document to be recorded is an assignment and the receiving party is not			
me (line 2) State of Illinois corporation domiciled in the United States, an appointment of a domestic			
Address (line 1) 7734 West 59th Street representative is attached. (Designation must be a separate document from			
Address (line 2) Assignment.)			
Address (line 3) Summit Illinois, USA 60501 City State/Country Zip Code			
Domestic Representative Name and Address Enter for the first Receiving Party only.			
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Address (line 1)			
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Mail documents to be recorded with required cover sheet(s) information PATENT

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address	Area Code and Telephone Number	740/321-7168	
Name Patent Administrator			
Address (lime 1) Owens Corning Science & Technology Center			
Address (line 2) 2790 Columbus Road, Building 54-1			
Address (line 3) Granville, Ohio 43023-1200			
Address (line 4)			
Pages Enter the total number of pa including any attachments.	iges of the attached conveyance docum	nent # 4	
Application Number(s) or Patent Num Enter either the Patent Application Number or the D Patent Application Number(s) 09/845,970 If this document is being filed together with a new Pater signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.	Patent Number (DO NOT ENTER BOTH numbers Paten Paten Paten ent Application, enter the date the patent application PCT PCT PCT	t Number(s)	
Number of Properties	tal number of properties involved. #	£ 1	
Method of Payment: Encl Deposit Account (Enter for payment by deposit account or if add	for Properties Listed (37 CFR 3.41): \$ osed Deposit Account X litional fees can be charged to the account.) Deposit Account Number: # Authorization to charge additional fees:	40.00 40.00 450-0568 Yes X No	
To the best of my knowledge and be	elief, the foregoing information is true a original dooument. Charges to deposit	and correct and any account are authorized, as	

James J. Dottavio

Name of Person Signing

Signature

Date

indicated herein.

ASSIGNMENT

I/WE ("Assignor"), Daojie Dong, have invented a new and useful improvement in Multicomponent mats of glass fibers and natural fibers and their method of manufacture ("the Invention"), and have executed an Application for United States Patent based thereon having Attorney Docket No. 24848A and/or Serial No. 09/845,970 ("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 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. 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, or on any divisional, continuation, renewal, reissue, or other 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. 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 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. 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 non-U.S. application assigned hereby.

PATENT REEL: 012015 FRAME: 0307

RECORDED: 07/20/2001

STATE OF CHIO Signed this 23 day of Way 2001) ss. COUNTY OF LICKINS Before me on the day, month and year identified above personally appeared Daojie Dong, Name: Davie Dong
Residence: 5274 Longshadow Drive to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and Westerville, Ohio 43081 acknowledged the same to be his/her free act and deed. Citizenship: US Notary Public SEAL My commission expires:

> PATENT REEL: 012015 FRAME: 0308