

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Thomas P. Hager	08/04/1989
Ralph S. Dale	08/15/1989
RECEIVING PARTY DATA	
Name:	Owens-Corning Fiberglas Corporation
Street Address:	Fiberglas Tower
City:	Toledo
State/Country:	OHIO
Postal Code:	43659
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	07398861
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	27585-012
NAME OF SUBMITTER:	Carol H. Peters
Total Attachments: 2	
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ASSIGNMENT

27585-017
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WHEREAS, we, Thomas P. Hager, Westerville, Ohio and Ralph S. Dale,

Aiken, South Carolina, U.S.A., have jointly invented an improvement in
CABLE REINFORCEMENT FOR AN OPTICAL FIBER CALBE

WHEREAS, we have executed an Application for United States Patent based thereon, on the
4th day of August, 1989, and on the
15th day of August, 1989, (Docket: 23081A); and

WHEREAS, OWENS-CORNING FIBERGLAS CORPORATION, a corporation of Delaware, is desirous of acquiring certain rights thereunder;

NOW THEREFORE, for valuable consideration, receipt of which is hereby acknowledged, we have agreed to and do hereby sell, assign, and transfer unto said corporation our entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, reissue, or other patent application, based in whole or in part thereon, or based upon said invention.

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made.

AND we hereby covenant and agree for ourselves, our heirs, and our legal representatives, to assist our said assignee in the prosecution of said application and in any interference which may arise involving said invention, and, upon request, to execute without further consideration all necessary and desirable divisional, continuing, renewal, reissue, or other applications for patents in any country, that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them.

AND we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said corporation.

Signed this

day of 4th of August, 1989

Thomas P. Hager
Thomas P. Hager

STATE OF OHIO)
COUNTY OF FRANKLIN) ss.:

Before me personally appeared Thomas P. Hager, to me known to be the person described in the above assignment, who signed the foregoing instrument in my presence, and acknowledged the same to be his free act and deed, on the day and year aforesaid.

Patricia N. Crouch
Notary Public

SEAL

My Commission Expires: 7-8-93

27585-012 23081A

Signed this 15 day of August, 1989

Ralph S. Dale
Ralph S. Dale

STATE OF SOUTH CAROLINA }
COUNTY OF AIKEN } ss.:

Before me personally appeared Ralph S. Dale, to me known to be the person described in the above assignment, who signed the foregoing instrument in my presence, and acknowledged the same to be his free act and deed, on the day and year aforesaid.

Ernest B. King
Notary Public

SEAL
My Commission Expires: July 7, 1998

Signed this 15th day of August, 1989

STATE OF }
COUNTY OF } ss.:

Before me personally appeared, to me known to be the person described in the above assignment, who signed the foregoing instrument in my presence, and acknowledged the same to be his free act and deed, on the day and year aforesaid.

Notary Public

SEAL
My Commission Expires: _____