04-13-2001



ESS MAIL CL...... 101662609

"Express Mail" EL862784362US Date of Deposit: March 28, 2001

I hereby certify that this ASSIGNMENT & TRANSMITTAL LETTER is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner For Patents, Washington, D.C. 20231

Georgeen B. George

DATENI

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

Daniel F. Graves et al.

FOR

CO₂ TERMINATED RUBBER FOR

PLASTICS

SERIAL NO.

Unknown

09819336

FILED

Herewith

ATTORNEY DOCKET NO .:

P96040US1A/FIR 2 0020

Cleveland, Ohio 44114-2518

March 28, 2001

ASSIGNMENT TRANSMITTAL LETTER

Box Assignments

Assistant Commissioner of Patents Washington, DC 20231

Dear Sir:

Please record the attached original document(s) or copy thereof.

Name of conveying Party(ies):

Daniel F. Graves 789 Tamwood Drive Canal Fulton, Ohio 44614 Citizenship: USA

David J. Dougherty 813 Biruta Avenue Akron, OH 44307

Thomas A. Antkowiak 916 Mennonite Road Rittman, OH 44270

04/12/2001 GTDN11 00000092 09819336

01 FC:581

40.00 DP

-1-

PATENT REEL: 011662 FRAME: 0429

| 2. | Name and Address of receiving Party(ies): | | | | | | | | |
|----|--|---|-----------------|----------------------|-------------|---------------|------------|---------|---------|
| | | : <u>BRIDGEST</u> :Address: | | one Par | kway | | | | |
| 3. | Nature of Conveyance: | | | | | | | | |
| | <u>X</u> | Assignment | | _ | Change o | of Na | ame | | |
| | | Security Agr | eement | | Merger | | | | |
| | Other Execu | ıtion Date: | January 2, 2 | 2001 ar | ıd March 2 | <u>26, 20</u> | <u>001</u> | | |
| 4. | Applic | cation number | r(s) or patent | numbe | r(s). | | | | |
| | If this document is being filed together with a new application, the execution date of the application is: | | | | | | | | |
| | | January 2, 2 | 2001, March 6 | <u>6, 2001</u> | and March | n 26, | 2001 | | |
| | A. | Patent Appli | cation No.(s) | В. | Patent N | o.(s) | | | |
| | Additi | onal numbers | attached? | | Yes | _X_ | No | | |
| 5. | | and address d be mailed: | of party to wh | nom cor | responder | nce c | oncer | ning do | ocument |
| | | : <u>John H. Hor</u> (type name of a | | | | | | | |
| | Firm: | Bridgestone | e/Firestone, Ir | <u>1C.</u> | | | | | |
| | City:_ | ess: <u>1200 Fire</u> Akron Ohio | | <u>vav</u> 44317- | <u>4605</u> | | | | |

| 3 . | Number of applications and patents involved:1 | | | | | |
|------------|---|--|--|--|--|--|
| 7. | Total fee (37 C.F.R. 3.41): \$40.00 | | | | | |
| | x Enclosed | | | | | |
| | Authorized to be charged to deposit account 06-0308. | | | | | |
| 8. | The Commissioner is hereby authorized to charge any additional filing fees which may be required for this application without specific authorization, or credit any overpayment to Deposit Account No. 06-0308. (attach duplicate copy of this form if paying by Deposit Account) | | | | | |
| 9. | Statement and signature. | | | | | |
| | To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. | | | | | |
| | Respectfully submitted, | | | | | |
| | FAY, SHARPE, FAGAN, MINNICH & McKEE, LLP | | | | | |
| | Scott A. McCollister Reg. No. 33,961 1100 Superior Avenue 7th Floor Cleveland, OH 44114-2518 (216) 861-5582 | | | | | |
| Total | number of pages including cover sheet:4 | | | | | |
| L:\GBG\D | ATA\2001\MR\F2020AST.DOC | | | | | |

ASSIGNMENT

| ASSIGNMENT |
|---|
| We, Daniel F. Graves, David J. Dougherty and Thomas A. Antkowiak, have made an invention which now is described and claimed in an application for patent entitled CO ₂ TERMINATED RUBBER FOR PLASTICS, which application is being executed and filed concurrently herewith. Was filed on and now is designated as United States patent application number. |
| NOW THEREFORE, pursuant to the obligations imposed by or arising under one or more of my employment agreement(s), advisor agreement(s), state or national statutes, common law, and administrative regulation, I hereby do make the following assignments— |
| To BRIDGESTONE/FIRESTONE, INC., a corporation created and duly organized under the laws of the state of Ohio and having a place of business at Akron, Ohio, and its successors and assigns, we hereby assign, transfer, and set over the full and exclusive right to the above-described invention and to the |
| above-described application for letters patent of the United States as well as any substitute, continuation, continuation-in-part, or divisional application filed thereon and to any letters patent of the United States that issues from such application(s) as well as any reissue application or request for reexamination filed on such letters patent; |
| covenant and agree for ourselves and our legal representative(s) to a) assist said assignee and/or its designee(s), to the extent requested, in the prosecution of said application for patent, in any interference declared on said application for patent or patent issuing therefrom, or in litigation which arises out of or is based on said application for patent or patent |
| issuing therefrom, and b) execute all papers related to said application for patent which said assignee or its designee(s) request to be signed, provided that expenses relating thereto shall be borne by said assignee; and |
| authorize and request the Commissioner of Patents and Trademarks to issue any letters patent of the United States relating to the above-described invention in the name of said assignee. To BRIDGESTONE/FIRESTONE, INC. a corporation created and duly organized under the |
| laws of the state of Ohio and having a place of business at Akron, Ohio, and its successors and assigns, we hereby > assign, transfer, and set over the full and exclusive right to any application for letters patent filed in |
| any regional or national patent office other than the United States Patent and Trademark Office; > covenant and agree for ourselves and our legal representative(s) to a) assist said assignee and/or its designee(s), to the extent requested, in the prosecution of any |
| such applications for patent or in litigation which arises out of or is based on said application(s) for patent or patent(s) issuing therefrom, and b) execute all papers related to said application(s) for patent which said assignee or its designee(s) request to be signed, |
| provided that expenses relating thereto shall be borne by said assignee. |
| IN WITNESS WHEREOF, we have executed this document on the dates next to our respective names. Constant 1/2/0 Constant 3/26/0 Name: David J. Pougherty date Name: David J. Pougherty date Shimas U. Unttoweck 3/26/200, Name: Thomas A. Antkowiak date date date |
| Thomas a. Antkowiak date |

Other names included on additional sheet(s).

PATENT
RECORDED: 03/28/2001 REEL: 011662 FRAME: 0432