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1 COVER SHEET

ONLY

6. 16.03

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

TH1481

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hans REITZ - July 31, 2001  
Eckhard SEIDEL - July 31, 2001  
Fritz WILHELM - August 13, 2001

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

ZIMMER AKTIENGESELLSCHAFT  
Borsigalles 1  
D-60388 Frankfurt

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: July 31 and August 13, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s). 09/556,849

B. Patent No(s) 6,277,947

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Donald E. Haas  
Shell Oil Company  
Intellectual Property  
P.O. Box 2463  
910 Louisiana  
Houston, Texas 77252-2463

6. Total number of applications and patents involved:

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7. Total fee (37 CFR 3.41): 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

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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.

Donald E. Haas

Name of Person Signing

Signature

6/11/03

Date

Total number of pages including cover sheet, attachments, and document: 2

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PATENT  
REEL: 014162 FRAME: 0477

ASSIGNMENT

WHEREAS, we, \*, have made a certain improvement in a PROCESS OF PRODUCING POLYTRIMETHYLENE TEREPHTHALATE (PTT) for which application papers for United States Patent thereon, identified as TH 1481 (US), have been executed by us, and,

WHEREAS, ZIMMER AKTIENGESELLSCHAFT, a German Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said ZIMMER AKTIENGESELLSCHAFT, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of ZIMMER AKTIENGESELLSCHAFT or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of ZIMMER AKTIENGESELLSCHAFT to execute such separate deed to ZIMMER AKTIENGESELLSCHAFT or to whomsoever that company may nominate.

And we hereby agree that we will upon request execute any instrument which ZIMMER AKTIENGESELLSCHAFT desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

And the Commissioner of Patents and Trademarks of the United States in hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to ZIMMER AKTIENGESELLSCHAFT.

IN TESTEMONY WHEREOF, we have hereunto subscribed our names.

Hans Reitz

\* (Hans Reitz)

31. 07. 2001

Date

Eckhard Seidel

\* (Eckhard Seidel)

31. 07. 2001

Date

Fritz Wilhelm

\* (Fritz Wilhelm)

13. 08. 2001

Date

Witnesses:

Wolfgang Schmidt

(Witness)

Otto Hermann

(Witness)

Wolfgang Schmidt

(Witness)

Otto Hermann

(Witness)

Wolfgang Schmidt

(Witness)

Otto Hermann

(Witness)