

04-21-2000

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To the Assistant Commissioner for Patents: Pl

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its or copy thereof.

1. Name of conveying party(ies): Karl Heinz Putz; Bernd Stein; Heinz Steinhauer; Wilhelm Zimmermann

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 24, 25, March 8, 2000

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

Name: Dynamit Nobel GmbH Explosivstoff-und Systemtechnik

Internal Address:

Street Address: Kaiserstrasse 1, D-53840 Troisdorf, Germany

City: Country: Zip:

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

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) US Serial No.  
09/424,744, filed November 29, 1999

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP

Internal Address:

Street Address: 1300 North Seventeenth Street  
Suite 1800

City: Arlington, State: Virginia Zip: 22209

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) .....\$40.00

- ☒ Enclosed  
☒ Any deficiencies may be charged to deposit account  
☐ Authorized to be charged to deposit account

8. Deposit account number: 01-2135

(Attach duplicate copy of this page if paying by deposit account)

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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.*

Alan E. Schiavelli  
Name of Person Signing  
Attorney Registration No. 32,087

Signature

3-31-00  
Date

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

OMB No. 0651-0011 (exp. 4/94)

## ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Dynamit Nobel GmbH Explosivstoff-und Systemtechnik of Kaiserstrasse 1, D-53840 Troisdorf, Germany its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

**Flow-Turning Device And Method For Producing  
Internally Geared Wheels Using Two Sets of Internal  
Toothings**

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, Serial No. 09/424,744 filed Nov. 29, 1999, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Synamit Nobel GmbH Explosivstoff-und Systemtechnik, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Dynamit Nobel GmbH Explosivstoff-und Systemtechnik

- |   | (Full Name) | (Signature) |
|---|-------------|-------------|
| 1) Date <u>25/02/00</u> Inventor <u>Karl Heinz PUTZ</u> <u>Karl Heinz Putz</u><br>Residence <u>Koln, Germany</u> Citizenship <u>German</u><br>Post Office Address <u>Fliederweg 71, D-50859 Koln, Germany</u>                 |             |             |
| 2) Date _____ Inventor <u>Bernd STEIN</u><br>Residence <u>Bonn, Germany</u> Citizenship <u>German</u><br>Post Office Address <u>An der Dune 25, D-53119 Bonn, Germany</u>   |             |             |
| 3) Date <u>25/02/00</u> Inventor <u>Heinz STEINHAEUER</u> <u>Heinz Steinhauer</u><br>Residence <u>Troisdorf, Germany</u> Citizenship <u>German</u><br>Post Office Address <u>Pastorserlen 11, D-53844, Troisdorf, Germany</u> |             |             |
| 4) Date _____ Inventor <u>Wilhelm ZIMMERMANN</u><br>Residence <u>St. Augustin, Germany</u> Citizenship <u>German</u><br>Post Office Address <u>Schulstrasse 29, D-53757 St. Augustin, Germany</u>                             |             |             |
| 5) Date _____ Inventor _____<br>Residence _____ Citizenship _____<br>Post Office Address _____  |             |             |

Witness(es)

All) \_\_\_\_\_ 2) \_\_\_\_\_ 4) \_\_\_\_\_  
1) Elisabeth Ullrich 3) Elisabeth Ullrich 5) \_\_\_\_\_

## ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Dynamit Nobel GmbH Explosivstoff-und Systemtechnik of Kaiserstrasse 1, D-53840 Troisdorf, Germany its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

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And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Dynamit Nobel GmbH Explosivstoff-und Systemtechnik

(Full Name)

(Signature)

- 1) Date \_\_\_\_\_ Inventor Karl Heinz PUTZ  
Residence Koln, Germany Citizenship German  
Post Office Address Fliederweg 71, D-50859 Koln, Germany
- 2) Date \_\_\_\_\_ Inventor Bernd STEIN *Bernd Stein 24.02.2000*  
Residence Bonn, Germany Citizenship German  
Post Office Address An der Dune 25, D-53119 Bonn, Germany
- 3) Date \_\_\_\_\_ Inventor Heinz STEINHAUER  
Residence Troisdorf, Germany Citizenship German  
Post Office Address Pastorserlen 11, D-53844, Troisdorf, Germany
- 4) Date \_\_\_\_\_ Inventor Wilhelm ZIMMERMANN *Willi Zimmermann 08.03.2000*  
Residence St. Augustin, Germany Citizenship German  
Post Office Address Schulstrasse 29, D-53757 St. Augustin, Germany
- 5) Date \_\_\_\_\_ Inventor \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Witness(es)

All) \_\_\_\_\_ 2) *Eva-Maria Lorenz* 4) *Walter Zimmermann*  
1) \_\_\_\_\_ 3) \_\_\_\_\_ 5) \_\_\_\_\_