

02-10-2005

RE



HDP Docket No. 04-0003 (8470-000037)  
Express Mail Label No.

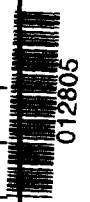
102938079

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**  
Chad D. Bauer  
  
Execution Date(s) January 28, 2005  
Additional name of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Freudenberg-NOK General Partnership  
Internal Address: \_\_\_\_\_  
  
Street Address: 47690 East Anchor Court  
  
City: Plymouth  
State: MI  
Country: US Zip: 48170-2455  
Additional Name(s) & address(es) attached?  Yes  No

112959 U.S. PTO  
11/046569



**3. Nature of conveyance:**  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application number(s) or patent number(s):**  
A. Patent Application No.(s)  
02/07/2005 FFAMAIA2 00000028 11046569  
01 FC:8021 40.00 DP  
Additional numbers attached?  Yes  No

This document is being filed together with a new application.  
B. Patent No.(s)

**5. Name and address of party to whom correspondence concerning this document should be mailed:**  
Name: CUSTOMER NO. 29293  
Internal Address: Freudenberg-NOK General Partnership  
Intellectual Property Dept.  
Street Address: 47690 East Anchor Court  
  
City: Plymouth  
State: MI Zip: 48170-2455  
Phone Number : (734) 354-5445  
Fax Number: (734) 451-1517  
Email Address: rrw@fngp.com

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
a. Credit Card Last 4 Numbers 1000  
Expiration Date 07/06  
b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature & Certificate of Transmission/Mailing:**  
I hereby certify that this correspondence and any attachments are being:  
 facsimile transmitted to the following fax number: 703-306-5995  
 deposited with the U.S. Postal Service to: Commissioner for Patents, MS Assignment Division, P.O. Box 1450, Alexandria, VA 22313-1450  
Signature Ronald W. Wangerow January 28, 2005  
Ronald W. Wangerow, Reg. No. 29,597 Date  
Total No. of pages including cover sheet, attachments, and documents

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ASSIGNMENT**


WHEREAS, the undersigned, hereinafter referred to as Assignor, has invented

**STAMPED CRANKSHAFT SEAL RETAINER PLATE AND MOLDED ENCODER  
SENSOR SUPPORT FEATURE**

for which Assignor is filing a United States Utility Patent Application concurrently herewith; and

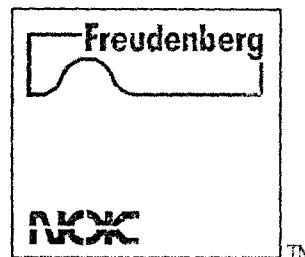
WHEREAS, **Freudenberg-NOK General Partnership**, having a place of business at 47690 East Anchor Court, Plymouth, Michigan 48170, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignor by this written document does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention described above, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made; and Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefore for the benefit of Assignee without further or other compensation than that above set forth; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee.

By:   
Chad D. Bauer

28JA05  
Date of Signature

**Freudenberg-NOK  
General Partnership**



### **Delegation of Signature Authority – Legal Filings**

Pursuant to the attached Unanimous Written Resolution of the Partners' Board of Freudenberg-NOK General Partnership ("FNGP" or "Company"), which was signed at the Partners' Board Meeting on May 10, 2004, I, Robert G. Evans, Vice President & General Counsel of FNGP, do hereby delegate to Ronald W. Wangerow, Intellectual Property Counsel of FNGP, the following authority:

in conjunction with the intellectual property rights or interests of the Company, to execute and file documents including but not limited to applications, appearances, registrations, and certificates, in or with any appropriate governmental issuing entity or agency, that are necessary for the procurement, prosecution, maintenance and/or renewal of patents, trademarks and/or copyright interests;

and such signature and delivery of any such document shall be conclusive evidence of Ronald W. Wangerow's authority to do so on behalf of the Company.

The forgoing Delegation of Signature Authority – Legal Filings shall be effective as of the date indicated below and shall continue to be effective until revoked in writing by me or by the Partners' Board of FNGP.

A handwritten signature in cursive script, appearing to read "Robert G. Evans".

Robert G. Evans  
Vice President & General Counsel  
Freudenberg-NOK General Partnership

A handwritten signature in cursive script, appearing to read "E. Manning H.". The signature is written over a horizontal line.

Witness

Date June 4, 2004

**ASSIGNMENT**

WHEREAS, the undersigned, hereinafter referred to as Assignor, has invented

**STAMPED CRANKSHAFT SEAL RETAINER PLATE AND MOLDED ENCODER  
SENSOR SUPPORT FEATURE**

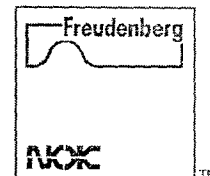
for which Assignor is filing a United States Utility Patent Application concurrently herewith; and

WHEREAS, **Freudenberg-NOK General Partnership**, having a place of business at 47690 East Anchor Court, Plymouth, Michigan 48170, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignor by this written document does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention described above, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made; and Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefore for the benefit of Assignee without further or other compensation than that above set forth; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee.

By:   
Chad D. Bauer

28JA05  
Date of Signature



**Unanimous Written Resolution of the  
Partners' Board of Freudenberg-NOK General Partnership  
("FNGP")**

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**Resolution for Signature Authority – Legal Filings**

WHEREAS, the Partners' Board of FNGP is charged with the responsibility to manage the affairs of FNGP: and

WHEREAS, the day to day business of FNGP is conducted by the officers of FNGP,

NOW THEREFORE it is

RESOLVED that the Vice President & General Counsel ("General Counsel") of the Company, and any attorney employed by the Company to whom the General Counsel delegates such authority in writing, is authorized: (1) in conjunction with litigation, mediation, arbitration or other dispute resolution proceedings, to execute and file documents including but not limited to complaints, declarations, petitions, stipulations, motions, answers, dismissals, denials, releases, certificates, demands, settlement agreements and notices; and (2) in conjunction with the intellectual property rights or interests of the Company, to execute and file documents including but not limited to applications, appearances, registrations, and certificates, in or with any appropriate governmental issuing entity or agency, that are necessary for the procurement, prosecution, maintenance and/or renewal of patents, trademarks and/or copyright interests; and such signature and delivery of any such document shall be conclusive evidence of such attorney's authority to do so on behalf of the Company.

Handwritten signature of Dr. Peter Bettermann in cursive script.

Dr. Peter Bettermann

Handwritten signature of Dr. Peter Stehle in cursive script.

Dr. Peter Stehle

Handwritten signature of Dr. Ernst Schön in cursive script.

Dr. Ernst Schön

Handwritten signature of Mr. Masato Tsuru in Japanese calligraphy.

Mr. Masato Tsuru

Handwritten signature of Mr. Tetsuji Tsuru in cursive script.

Mr. Tetsuji Tsuru

Handwritten signature of Dr. Mohsen Sohi in cursive script.

Dr. Mohsen Sohi