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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office 1007-015

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

1. Name of conveying party(ies): 06/18/02 Masakazu HIRATA; Atsushi MOROOKA; Hidcnobu MIKAMI; Toshiyuki MIZUTANI; Seiichi TAKADA; Masaaki HONDA; Yoshihiko OEDA and Katsumi NAGANO Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies) Name: NTN Corporation Internal Address:

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other May 7, 2002; May 6, 2002 and May 14; 2002 Execution Date:

Street Address: 3-17, Kyomachibori 1-chome Nishi-ku City: Osaka State: Japan Zip: 550-0003 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) 10/079,263 B. Patent No.(s) Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: James V. Costigan, Esq. Internal Address: Street Address: HEDMAN & COSTIGAN, P.C. 1185 Avenue of the Americas City: New York State: NY Zip: 10036-2646

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 08-1540 (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. James V. Costigan Reg.No. 25,669 Name of Person Signing Signature Date June 11, 2002

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

06/24/2002 DBYRNE 00000204 10079263 01 FC:581 40.00 OP

PATENT REEL: 013010 FRAME: 0748

A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, We, Masakazu HIRATA; Atsushi MOROOKA; Hidenobu MIKAMI; Toshiyuki MIZUTANI; Seiichi TAKADA; Masaaki HONDA; Yoshihiko OEDA; and Katsumi NAGANO, respectively sell and assign to NTN CORPORATION having a place of business at 3-17,1-chome, Kyomachibori Nishi-ku, Osaka 550-0003, Japan, its successors and assigns the entire right, title and interest in and to the improvements in LUBRICATING COMPOSITION as described in the application for United States patent executed as of even date herewith and all applications for patent and patents therefor in any and all countries, including all thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to NTN CORPORATION its successors or assigns and agree that on request and without further consideration, but at the expense of said NTN CORPORATION, we will communicate to said NTN CORPORATION or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said NTN CORPORATION, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

May 7, 2002

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Masakazu HIRATA

May, 6, 2002

Atsushi Morooka

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