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FORM PTO-1595 (modified)



SHEET

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To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies): 05/30/02  
Isamu YOSHIDA, Kiyotake SHIBATA, Masahiro NOBUTOMO, and Morihisa YOSHIOKA  
Additional name(s) of conveying party(ies) attached? NO

2. Name and address of receiving party(ies):  
Name: NTN Corporation  
Street Address: 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka, Japan  
Additional name(s) & address(es) attached? NO

3. Nature of conveyance:  
 Assignment                       Merger  
 Security Agreement             Change of Name  
 Other \_\_\_\_\_  
Execution Date: 5/13/02, 5/14/02 & 5/15/02

4. Application number(s) or patent number(s): 10/156940  
If this document is being filed together with a new application, the execution date of the application is: 5/13/02, 5/14/02 and 5/16/02  
A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: WENDEROTH, LIND & PONACK, L.L.P.  
Attn: Charles R. Watts, Esq.  
Street Address: 2033 K Street, N.W., Suite 800  
City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41). . . . . \$40.00  
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*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.*  
Charles R. Watts, Reg. No. 33,142                      CR Watts                      May 30, 2002  
Name of Person Signing                      Signature                      Date  
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PATENT  
REEL: 012945 FRAME: 0537

U.S. PTO  
10/156940  
05/30/02

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) Isamu YOSHIDA, Kiyotake SHIBATA, Masahiro NOBUTOMO and Morihisa YOSHIOKA

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s) NTN Corporation  
Address of 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of Invention BELT TYPE INFINITE VARIABLE-SPEED DRIVE

for which an application for patent in the United States has been executed by the undersigned

Date of Signing of Application on May 13, 2002, May 14, 2002 and May 16, 2002

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date May 13 '02, Name of the Inventor Isamu Toshida

Date May 13 '02, Name of the Inventor Kiyotake Shibata

Date May 14 '02, Name of the Inventor Masahiro Nobutomo

Date May 15 '02, Name of the Inventor M Yoshioka

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness \_\_\_\_\_

Witness \_\_\_\_\_

### ACKNOWLEDGMENT

\_\_\_\_\_  
\_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

\_\_\_\_\_  
Official Signature

SEAL

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_

Applicant Reference Number \_\_\_\_\_ Atty Docket No. \_\_\_\_\_

Title of Invention \_\_\_\_\_