



1.2.04

102638680

To the Honorable Assistant Commissioner for Patents: Please record the attached
Original documents or copy thereof.

1. Name of conveying party(ies) with the
execution date:

KEISUKE SONE, October 23, 2003
MASAFUMI NAKAKOJI, October 23, 2003

2. Name/address of receiving
Party(ies)

NTN CORPORATION

3-17, KYOMACHIBORI 1-CHOME,
NISHI-KU, OSAKA-SHI, OSAKA-FU, JAPAN

3. Nature of conveyance:

 Assignment Security Agreement
 Merger Change of Name
 Reassignment Other

Add'l names of receiving parties
Attached? Yes No

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

A. Patent Application No. (s)

10/669,153

B. Patent No.(s)

 Yes No

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

J. C. Patents
4 Venture, Suite 250
Irvine, CA 92618
(949) 660-0761

6. Total No. of applications and patents
involved:

ONE (1)

7. Total fee (37CFR § 3.41): \$40.00

 Enclosed
 Charge to Acct. No. 50-0710
(Order No. JCLA12271)

Atty Docket No.: JCLA12271

8. Total number of pages, including
Cover sheet, attachments and Document : 3

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9. Statement and Signature:

To the best of my knowledge and belief, the forging information is true and
Correct and any attached copy is a true copy of the original document.

Jiawei Huang
Name of person Signing
Registration No. 43,330

Signature

12/29/2003
Date

01/05/2004 EDOOPER 00000312 10669153
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ASSIGNMENT

WHEREAS,

1. **Keisuke Sone**

2. **Masafumi Nakakoji**

hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: **Fixed type constant velocity joint and method of producing the same**

[X] Filed on: **September 22, 2003** Serial No. **10/669,153**

[] Executed concurrently with the execution of this instrument

WHEREAS, **NTN CORPORATION**
of **3-17, KYOMACHIBORI 1-CHOME, NISHI-KU, OSAKA-SHI, OSAKA-FU,**
JAPAN

hereinafter referred to as ASSIGNEES, is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignors have signed their name(s) on the date(s) indicated.

Signature: Keisuke Sone Date October 23, 2003
First Joint Inventor: **Keisuke Sone**

Signature: Masafumi Nakakoji Date October 23, 2003
Second Joint Inventor: **Masafumi Nakakoji**