

FORM PTO-1595  
P21117.P05

01-10-2002



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner of

101940169

1 original documents or copy thereof.

1. Name of Conveying party(ies):

KAWAKAMI, Noriaki  
SATO, Koji  
MATSUYAMA, Yukihiro  
ORIBE, Kazuya  
TAKAMIDO, Hiroshi

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

3. Nature of conveyance:

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

Execution Date: December 19, 2001

2. Name and address of receiving party(ies)

Name: SHOWA IKA KOHGYO CO., LTD.

Internal Address: \_\_\_\_\_

Street Address: 1-1, Hongo, Meito-ku, Nagoya-shi,  
Aichi-ken, JAPAN

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) and 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)  
09/880,072

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Bruce H. Bernstein

Internal Address: P21117

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1941 Roland Clarke Place

City: Reston State: VA ZIP: 20191

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:

19-0089

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

DO NOT USE THIS SPACE

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.

Bruce H. Bernstein, Reg. No. 29,027  
Name of Person Signing

Signature

Date

01/09/2002 LWELLER 00000236 09880072

Total number of pages including cover sheet, attachments and document: 4

01 FC:581

40.00 DP

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

PATENT  
REEL: 012427 FRAME: 0697

ASSIGNMENT

WHEREAS, **Noriaki Kawakami**, a citizen of Japan, whose post office address is 1-3-11, Shoken, Chikusa-ku, Nagoya-shi, Aichi-ken, Japan, **Koji Sato**, a citizen of Japan, whose post office address is 30-5, Kone, Sumiyoshi-cho, Anjo-shi, Aichi-ken, Japan, **Yukihiro Matsuyama**, a citizen of Japan, whose post office address is 34-2, Gokenya-cho, Showa-ku, Nagoya-shi, Aichi-Ken, Japan, **Kazuya Oribe**, a citizen of Japan, whose post office address is c/o Showa Ika Kohgyo Co., Ltd., 3-4-30, Shibakouen, Minato-ku, Tokyo, Japan, and **Hiroshi Takamido**, a citizen of Japan, whose post office address is c/o Showa Ika Kohgyo Co., Ltd., 1-1, Hongo, Meito-ku, Nagoya-shi, Aichi-Ken, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**Vertebral Connecting Rod and Spinal Osteosynthesis Device Using The Same**

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application, including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, and James L. Rowland, Reg. No. 32,674, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 09/880,072, filed June 14, 2001) the filing date and application number of said application when known.

AND WHEREAS, **Showa Ika Kohgyo Co., Ltd.**, a corporation organized and existing under the laws of Japan, whose post-office address is 1-1, Hongo, Meito-ku, Nagoya-shi, Aichi-ken, Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

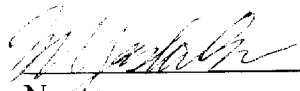
AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective date(s) indicated below.

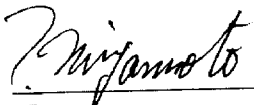
Witnessed by:

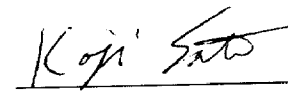
  
Name Takuya MIYAMOTO Dec/19/2001  
Date

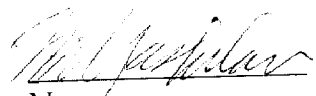
  
Name Noriaki Kawakami Dec/19/2001  
Date

  
Name Masahiro YOSHIKAWA Dec/19/2001  
Date

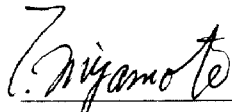
Witnessed by:

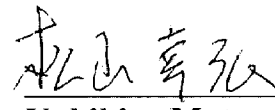
  
Name Takuya MIYAMOTO Dec/19/2001  
Date

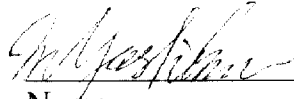
  
Name Koji Sato Dec/19/2001  
Date

  
Name Masahiro YOSHIKAWA Dec/19/2001  
Date

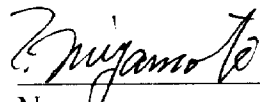
Witnessed by:

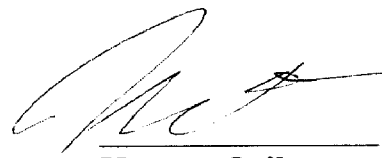
  
Name Dec/19/2001  
Takuya MIYAMOTO Date

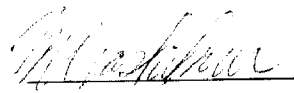
  
Yukihiro Matsuyama Dec/19/2001  
Date

  
Name Dec/19/2001  
Masahiro YOSHIKAWA Date

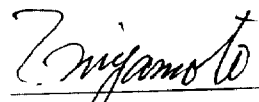
Witnessed by:

  
Name Dec/19/2001  
Takuya MIYAMOTO Date

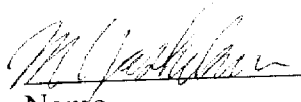
  
Kazuya Oribe Dec/19/2001  
Date

  
Name Dec/19/2001  
Masahiro YOSHIKAWA Date

Witnessed by:

  
Name Dec/19/2001  
Takuya MIYAMOTO Date

  
Hiroshi Takamido Dec/19/2001  
Date

  
Name Dec/19/2001  
Masahiro YOSHIKAWA Date