07-02-2003 Form **PTO-1595 RECOR** U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) (F&B 3/02) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇔⇔⇔ 102487727 To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) 6-36-63 Name: Disc Dynamics, Inc. BAO, Qi-Bin HUDGINS, Robert Garryl YUAN, Hansen A. Internal Address: _ Additional name of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of conveyance: Street Address: 9600 West 76th Street, Suite T Assignment ☐ Merger City: Eden Prairie State: MN Zip: 55344 ☐ Security Agreement ☐ Change of Name □ Other Additional Name(s) & address(es) attached? □Yes ☑ No Execution Date: March 13, 2003; March 13, 2003; March 20, 2003 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution data of the application is: B. Patent No.(s) A. Patent Application No.(s) 10/365.842 Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 01 concerning this document should be mailed: Name: Karl G. Schwappach 7. Total fee (37 CFR 3.41) \$ 40 Internal Address:___ Authorized to charge any underpayment or credit any overpayment to deposit account Street Address: 2200 Wells Fargo Center 8. Deposit account number: 06-0029 90 South 7th Street Zip: 55127 State: MN City: Minneapolis (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 40.0 00000108 10365842 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. June 25, 2003 Karl G. Schwappach, #35,786 Date Signature Name of Person Signing Atty Docket No.: 59066-281312 Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 014219 FRAME: 0508

ASSIGNMENT

WHEREAS We, Qi-Bin Bao et al., with residences and citizenships as indicated below; have made an invention in

METHOD OF MAKING AN INTERVERTEBRAL DISC PROSTHESIS

Filed: February 13, 2003 Serial No.: 10/365,842

and executed an application for Letters Patent of the United States of America based thereon;

NOW, THEREFORE, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Disc Dynamics, Inc. ("Company"), a corporation of Minnesota, having its principal office at 9600 West 76th Street, Suite T, Eden Prarie, Minnesota 55344, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by said Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to said Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

PATENT REEL: 014219 FRAME: 0509 Assignment Serial No. 10/365,842 page 2

Dated this 13th day of March, 2003.
Qi-Bin Bao 9633 Yukon Avenue South, Bloomington, MN 55438 USA
STATE OF MINNESOTA
SS.
COUNTY OF HENNEPIN
On this 13 day of March, 2003, before me Qi-Bin Bao personally appeared, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.
Patricia an Berg
PATRICIA ANN BERG Notary Public Notary Public Notary Public
Dated this 13 day of March , 2003. Robert Sary Hudgins Robert Garryl Hudgins 2043 Willow Circle, Centerville, MN 55038 6263 RED MAPLE LANE, LINOLAKES, MN 55014 RMH 3-13-03
STATE OF MINNESOTA
ss. COUNTY OF ANOKA
On this 13 day of , 2003, before me Robert Garryl Hudgins personally appeared, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.
PATRICIA ANN BERG NOTAF OF PLOTO MINNESOTA My Commissions and 31, 2005

PATENT REEL: 014219 FRAME: 0510

page 3 Dated this day of , 2003. Jeffrey C. Felt USA 4800 Lodge Lane, Greenwood, MN 55331 STATE OF MINNESOTA SS. COUNTY OF HENNEPIN On this _____ day of ______, 2003, before me Jeffrey C. Felt personally appeared, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed. Notary Public Dated this ____ day of ____ , 2003. Alexander Arsenyev 1845 Turquoise Trail, Eagan, MN 55122 USA STATE OF MINNESOTA SS. **COUNTY OF DAKOTA** On this _____, 2003, before me Alexander Arsenyev personally appeared, to me known to be the person described in and who

Assignment

Serial No. 10/365,842

act and deed.

-3-

executed the foregoing instrument and acknowledged that he executed the same as his free

PATENT REEL: 014219 FRAME: 0511

Notary Public

Dated this 16 day of Mark, 2003.

Hansen A. Yuan

5066 Pine Valley Drive, Fayetteville, NY 13066

USA

STATE OF NEW YORK

SS.

COUNTY OF ONONDAGA

On this 2040 day of March, 2003, before me Hansen A. Yuan personally appeared, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Notary Public

ROBERTA I. DUNGEY

Notary Public in the Santa of New York

Qualified in Chondaga County No. 010U4683711

My Commissic - Expires 10005 34, 2006

M2:20527974.01

-4-

PATENT REEL: 014219 FRAME: 0512