

U.S. PTO
11/898722
09/14/2007

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

09-28-2007

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



103448690

SHEET

To the Director of the U.S. Patent and Trademark Office

Indicate the serial number(s) of the documents or the new address(es) below.

1. Name of conveying party(ies)

Moon Hae Sunwoo
Victor A. Lizano
Arthur A. Gertzman

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) September 6, 2007

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Musculoskeletal Transplant Foundation

Internal Address: _____

Edison Corporate Center, Suite 300

Street Address: 125 May Street

City: Edison

State: New Jersey

Country: US Zip: 08837

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s) _____

B. Patent No.(s) _____

11/898722

Additional numbers attached? ☐ Yes ☒ No

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

Name: John S. Hale

Internal Address: Gipple & Hale

Street Address: 6665-A Old Dominion Drive

City: McLean

State: VA Zip: 22101

Phone Number: (703) 448-1770 x 304

Fax Number: (703) 448-7780

Email Address: gipple.hale@verizon.net

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 07-1340 *Only for _____

Authorized User Name John Hale Deficiencies* _____

9. Signature:

Signature

John S. Hale, Gipple & Hale

Name of Person Signing

9/14/2007
Date

UP 11/17/2007 CNCHYEN2 00000003 11898722

sheet, attachments, and documents: 3

05 FL78821

48.00 09

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 019902 FRAME: 0579

ASSIGNMENT

WHEREAS, MOON HAE SUNWOO, Ph.D. (hereinafter referred to as "assignor" and jointly as "assignors") depose and say that I am a citizen of the United States of American and an individual residing at 28 Lakeview Drive, Old Tappan, New Jersey 07675; VICTOR A. LIZANO (hereinafter referred to as "assignor" and jointly as "assignors") depose and say that I am a citizen of the United States of America and an individual residing at 1 Nelson Avenue, Apt. C3, Jersey City, New Jersey 07307; and ARTHUR A. GERTZMAN (hereinafter referred to as "assignor" and jointly as "assignors") depose and say that I am a citizen of the United States of America and an individual residing at 17 Biggs Place, Flemington, New Jersey 08822; and have invented certain new and useful improvements in an improved composition for filling bone defects for which we have filed an application for United States Letters Patent executed even date herewith; entitled IMPROVED COMPOSITION FOR FILLING BONE DEFECTS; and

WHEREAS, Musculoskeletal Transplant Foundation (hereinafter referred to as "Assignee") a corporation organized for not for profit under the laws of the District of Columbia, having a principal place of business at Edison Corporate Center, 125 May Street, Suite 300, Edison, New Jersey 08837, is desirous of acquiring our entire right, title, and interest in and to the said invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW THEREFORE, for and in consideration of five dollars (\$5.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors do hereby sell and assign to the said Assignee its successors and assigns, the entire right, title, and interest in and to the said invention and in and to the said application and all patent applications based thereon and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and each Assignor hereby authorizes and requests the Commissioner of Patents to issue all patents for said invention, or patents resulting therefrom insofar as her or his interest is concerned, to the said Assignee of her or his entire right, title, and interest;

Assignors also hereby sell and assign to Assignee's successors and assigns, their foreign rights to the invention disclosed in said application, in all patent granting countries of the world, including the right to file applications and obtain patents for said invention in Assignee's own name in said countries and including all rights of priority in said countries under the terms of the International Convention for the Protection of Industrial Property, and Assignors further agree to

execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights;

Each Assignor hereby further agrees that she or he will communicate to said Assignee or to its successors, assigns, and legal representatives, any facts known to her or him respecting any improvements, and at the expense of said Assignee, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said Assignee its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention in all countries.

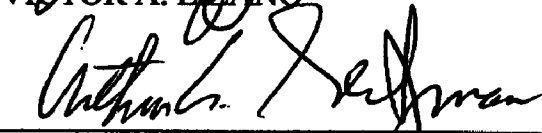
IN WITNESS WHEREOF, We have set our hand and seal this 6th day of September, 2007.



MOON HAE SUNWOO



VICTOR A. LIANO



ARTHUR A. GERTZMAN