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Name of conveying party(ies):	2. Name and address of receiving party(ies):	
1) POPOFF, Steve N. 2) SAFADI, Fayez 5 A1.02	party(les): FINANCE SECTION Name: Temple University	
Additional names of conveying party(ies) attached? ☐ yes ☒ no	Internal Address:	
3. Nature of Conveyance	A Non-Profit Organization	
	Street Address: 1601 N. Broad Street, Room 406 Philadelphia, Pennsylvania 19122-6099	
Execution Date: 1) 5/03/02 2) 5/03/02 4. Application number(s) or patent number(s):	Additional name(s) & address(es) attached? ☐ yes ☒ no	
If this document is being filed together with a new application	ion, the execution date of the application is:	
A. Patent Application No(s).	B. Patent No(s).	
Application No.: 10/045,673 Filed: November 9, 2001		
Additional numbers attached? Yes No 5. Name and address of party to whom corresponde concerning document should be mailed: Pamela A. Docherty	ence 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00	
Calfee, Halter & Griswold LLP 1400 McDonald Investment Plaza 800 Superior Avenue Cleveland, Ohio 44114-2688	 ☑ Enclosed ☐ Authorized to be charged to deposit account ☐ Total fee due ☐ Any deficiencies in the enclosed fees 	
AAAAAAA AAAAAA	8. Deposit account number:	
23/2002 DBYRNE 00000022 10045673 (C.581 40.00 DP	03-0172	
C:581 40.00 0P DO NOT USE THIS SPACE	(Attach duplicate copy of this page if paying by deposit account)	
9. Statement and signature		
To the best of my knowledge and belief, the foregoing original document.	information is true and correct and any attached copy is a true copy of the	
Attorney: Signature	Charty May 1,2002	
	Total number of pages comprising transmittal: 1	
I hereby certify that this correspondence is being deposited on May 7, 2002, with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Box Assignment, Washington, D.C. 20231.		
Signed: Wendy J. Frick Wendy Strick		

ASSIGNMENT

For One Dollar (\$1.00) and other good and valuable consideration received of the hereinafter named assignce, receipt of which is hereby acknowledged, we, the undersigned, Steven N. Popoff, 1841 Jericho Drive, Warrington, Pennsylvania 18976, and Fayez Safadi, 2805 North 47th Street, Apt. 404, Philadelphia, Pennsylvania 19131, hereby assign all right, title and interest to Temple University, 1601 N. Broad Street, Room 406, Philadelphia, PA 19122-6099, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions in

AGENTS AND METHODS FOR PROMOTING BONE GROWTH

set forth in the application serial number 10/045,673, filed on November 9, 2001, for United States Letters Patent, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States. including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patents and reissues and extension of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and in substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and the testify in any proceedings relating to said inventions, patent applications and Letters Patent.

> PATENT REEL: 012912 FRAME: 0598

9:19

(1) Date: 5/3/02

State of Pennsylvani)
County of Philadelphi)

SS:

On this 3 day of mo, 2002, personally appeared before me, Steven N. Popoff, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Severy Public Noters Public

Notarial Seai Beverly A. Miller, Notary Public Philadelphia, Philadelphia County My Commission Expires July 28, 2003

Member, Pennsylvania Association of Notaries

State of Bennsylvania)

SS:

County of Bhiladelphia

On this 3 day of 7, 2002, personally appeared before me, Fayez Safadi, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: 5/3/02

Bernly Mill.

Notarial Seal Notarial Seal Beverly A. Miller, Notary Public Philadelphia, Philadelphia County My Commission Expires July 28, 2003

Member, Pennsylvania Association of Noticines

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PATENT TRADEMARK OFFICE

CERTIFICATE OF MAILING

Wendy A. Frick

signed: Wendy a Fri

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	Examiner: Not yet assigned
Schneider, et al.)	,
)	
Serial No.: 10/045,673)	Art Unit: 1614
)	
Filed: November 9, 2001)	
)	
For: AGENTS AND METHODS FOR PROMOTING RONE GROWTH)	Attorney Docket No.: 25080/04000
)	

Assistant Commissioner for Patents Box Assignment Washington, D.C. 20231

TRANSMITTAL OF RECORDATION OF ASSIGNMENT

Sir:

Transmitted herewith are the following:

- 1. Recordation Form Cover Sheet;
- 2. Executed Assignment;
- 3. A check in the amount of \$40.00; and
- 4. A Return Receipt Postcard.

It is believed that no further fee is required relating to the filing of this Recordation. If this is not the case, the Patent Office is hereby authorized to charge any related fee to Deposit Account No. 03-0172. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: Mey 42002

RECORDED: 05/21/2002

Pamela A. Docherty, Reg. No. 40,59

(216) 622-8416

PATENT REEL: 012912 FRAME: 0600