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Please record the attached	original documents or copy thereof.
1 Name ω conveying party(ies):	2. Name and address of receiving party(ies)
ILDSTAD, Suzanne T.	Name: University of Pittsburgh
Additional name(s) of conveying party(ies) attached? Yes No	Addiess. J.L. W.L.L.
3. Nature of conveyance	Pittsburgh, PA 15260
N Assignment □Merger	
☐ Security Agreement ☐ Change of Name	Country (if other than USA):
Dother	
Execution Date: December 22, 1998	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the exe	ecution date of the application is:
A. Pateral Application No.(s) 09/177,704	B. Patent No.(s)
Additional numbe	rs attached? 🗆 Yes 🖾 No
5 Name and address of party to whom correspondence concerning document should be mailed:	6 Number of applications and patents involved: One (1)
PENNIE & EDMONDS: LLP 1155 Avenue of the An ericas New York NY 10036	7. Total fee (37 CFR 3.41):
7/1999 JSHABAZZ 00000097 161150 09177704	8 Deposit account number: 16-1150
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ASSIGNMENT

W.	HERE.	AS, I, S	Suzanne	T. Ildsta	d, ASSIC	GNOR, citiz	en of the	United St	tates, res	iding at 2	o2 Indian	Creek F	Road.
Wynewood	. PA	19096,	am the	inventor	of the	invention in	ı "NON-	LETHAL	METHO	ODS FOR	CONDI	TIONIN	$G \rightarrow$
RECIPIEN'	T FOR	BONE	MARR	OW TRA	NSPLA	NTATION	for which	ı I have e:	xecuted:	an applica	tion for a	Patent o	of the
United State	es.									- '			

	which is executed on		even date herewith or	[.]	
⊠	which is identified by Pe	nni	e & Edmonds LLP docket no)	6636-0041

which was filed on October 22, 1998, Application No. 09/177,904

and WHEREAS. Un versity of Pittsburgh, ASSIGNEE is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by tiese presents do hereby sell, assign, transfer and set over, unto the said ASSIGNFE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof:

AND I HER EBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HER BY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

State of PA)

SS.:

County of Delevere)

On this 22 day of Delevere)

On this 22 day of Delevere)

On this 32 day of Delevere)

On this 32 day of Delevere)

On the State and County aforesaid personally appeared State and County aforesaid personally appeared to me known and known to me to be the derson of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Nciarial Seal
Norine L. Karwel, Notary Public
Swarthmore Boro, Delaware Courty
My Commission Expires July 29, 2002
Member, Pennsylvania Association of Notaries

RECORDED: 01/15/1999

Notary Public

PATENT REEL: 9715 FRAME: 0666