FORM PTO-161 A 349 OMB 0651-0027

04-26-1999



101018823

U.S. Department of Commerce Patent and Trademark Office PATENT

RECORDATION FORM COVER S	SHEET
PATENTS ONLY	i

PATENTS ONLY				
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type				
X New		X Assignment Security Agreement		
Resubmission (Non-I	mission (Non-Recordation) ent ID# License Change of Name			
Correction of PTO Er	ror Frame #	Merger Other U.S. Government		
Corrective Document	Frame #	(For Use ONLY by U.S. Government Agencies) Departmental File Secret File		
Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date				
Name (line 1) Langer	, Robert S.	Month Day Year 02081999		
Name (line 2) Second Party Name (line 1)		Execution Date Month Day Year		
Name (line 2)				
Receiving Party		Mark if additional names of receiving parties attached		
Name (line 1) Massac	It document to be recorded is an assignment and the receiving party is not			
Name (line z)		domiciled in the United States, an appointment		
Address (line 1) 77 Mas	(Designation must be a			
Address (line 2)		separate document from Assignment.)		
Address (line 3) Cambri	dge City	Massachusetts 02139 State/Country Zip Code		
Domestic Representative Name and Address Enter for the first Receiving Party only.				
Name				
Address (line 1)				
Address (line 2)				
Address (line 3)				
Address (tine 4)				
FOR OFFICE USE ONLY				
B/1999 DNGUYEN 00000203 09227	•			
0:581	40.00 OP }			

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Meet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: SON 107/MIT 8043 Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231 20012/13

REEL: 9872 FRAME: 0345

FORM	PTO-1619B
Expires 06/3	30/99
OMP 0651.	ハハコブ

Page 2

U.S. Department of Commerce Patent and Trademark Office

OMB 0651-0027	PATENT			
Correspondent Name and Address Area Code and Telephone Number	r (404) 873–8794			
Name Patrea L. Pabst, Esq.				
Address (line 1) ARNALL GOLDEN & GREGORY, LLP				
Address (line 2) 2800 One Atlantic Center				
Address (line 3) 1201 West Peachtree Street				
Address (line 4) Atlanta, Georgia 30309-3450				
Pages Enter the total number of pages of the attached conveyance doc including any attachments.	ument # 2			
Application Number(s) or Patent Number(s)	r if additional numbers attached			
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH number	ers for the same property).			
Patent Application Number(s) Pat	ent Number(s)			
09227623				
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was <u>Month Day Year</u> signed by the first named executing inventor.				
Patent Cooperation Treaty (PCT)				
Enter PCT application number PCT PCT PCT PCT	PCT			
only if a U.S. Application Number PCT PCT	PCT			
has not been assigned.				
Number of Properties Enter the total number of properties involved. # 1				
Fee Amount for Properties Listed (37 CFR 3.41):	\$ 40.00			
Method of Payment: Enclosed X Deposit Account X Deposit Account				
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 01-2507				
·				
Authorization to charge additional fees:	Yes X No			
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. Charges to deposit account are authorized, as				
indicated herein.	11 100			
Patrea L. Pabst	4/9/95			
Name of Person Signing Signature	Date			
Addition of the Soft Original of the State o	/ Date			

SON 107/MIT 8043 20012/13

ASSIGNMENT

I, Robert S. Langer of 77 Lombard Street, Newton, Massachusetts 02158, in consideration of Ten Dollars and other valuable consideration paid to me by Massachusetts Institute of Technology, a corporation of the Commonwealth of Massachusetts, having its principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Massachusetts Institute of Technology, its successors and assigns, the entire interest for the United States of America and its territories and all foreign countries and jurisdictions including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in "SONOPHORETIC ENHANCED TRANSDERMAL TRANSPORT" described in U.S. Serial No. 09/227,623 filed January 8, 1999, by Joseph Kost, Samir Mitragotri, and Robert S. Langer, in the United States Patent and Trademark Office, which claims priority to U.S. provisional application Serial No. 60/070,813 filed January 8, 1998, by Joseph Kost, Samir Mitragotri, and Robert S. Langer, in the United States Patent and Trademark Office, and in all Letters Patent of the United States of America and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuation, continuation-in-part, renewals, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executors and administrators, with said corporation and its successors and assigns but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

1 SON 107 20012/13

PATENT REEL: 9872 FRAME: 0347

1.

U.S.S.N. 60/070,813 Filed: January 8, 1998 ASSIGNMENT

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this May of Teb., 1999.

Robert S. Langer

Commonwealth of Massachusetts

County of Maddesex

Ss.

Then personally appeared the above named Robert S. Langer and acknowledged the foregoing instrument to be his free act and deed, before me, this May of Motary Public Notary Public My Commonwealth of Massachusetts My Commonwealth of My Commonwealth My Commonwe

2

SON 107 20012/13

794559v1