	FORM PTO-1595 06-11-199	8 I SHEET U.S. DEPARTMENT OF COMMERCE	
	(Rev. 6-9:3) OMB No. 0651-0011 (exp. 4/94)	Patent and Trademark Office	
	Tab set ings		
	To the Honorable Commissioner or raterus and mademarks:	riease record the attached original documents or copy thereof.	
/	1. Name of conveying party(ies): JUN 0 1 1998 E Housman	2. Name and address of receiving party(ies)	
ا م	f 7 1	VARIAGENICS INC.	
V	Fred De Ledley Vicine 1 P. Stanton, Jr.	One Kendall Square, Building 400	
	TRADEMINE F. Stalltoll, St.	Cambridge, MA 02139-1562	
22	Additional name(s) of conveying party(ies) attached? Yes No No	Additional name(s) & address(es) attached?	
-4-	3. Nature of conveyance:		
med (X Assignment		
M	Execution Date: 28 and 29 May 1998		
	4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution dat		oplication, the execution date of the application is:	
	A. Patent Application No.(s) 09/045,054	B. Patent No.(s)	
	Additional numbers attached? ☐ Yes No 🗵		
	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
	Name: Richard J. Warburg	7. Total fee (37 C.F.R. 3.41)\$40.00	
		X Enclosed	
	LYON & LYON LLP		
		Authorized to be charged to Deposit Account	
	06/09/1994 9W11Cluke 55000079 30W(9884 Fifth Street	8. Deposit account number:	
	06 FC:581 Suite 47(0) 00 (IP	12-2475	
	City: Los Angeles State: CA Zip: 90071-2066		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached a true copy of the original document. Wesley B. Ames		E THIS SPACE	
		1 1	
		1) Aug 1998	
	Name of Person Signing O Signature Date Total number of pages including cover sheet, attachments, and document: 3		

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

For valuable consideration, we, <u>David E. Housman</u> of <u>Newton</u>, <u>Massachusetts</u>; <u>Fred D.</u> <u>| edley of Needham, Massachusetts</u>; and <u>Vincent P. Stanton, Ir. of Belmont, Massachusetts</u> hereby assign to <u>VARIAGENICS</u>, INC., a <u>Delaware</u> corporation, having a place of business at One Kendall Square, Building 400, Cambridge, Massachusetts, 02139-1562, and its successors and assigns (collectively hereinafter called "the Assignees"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent filed on March 19, 1998, U.S. Serial No. 09/045,054, and related applications and patents, entitled INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL CHANGES this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, including all divisions, continuations, reissues, continuations-in-part and extensions thereof, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and We authorize the Assignee to apply in all countries in our names or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and We agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and	seal at Cambridge, MA
this <u>28</u> day of <u>MA-/</u> , 1998.	Dunce E. Hover
_	David E. Housman
State of MASSACHUSIALS:	
SS.	
County of MI DOLIASTAY :	
Before me this 25 day of $M4$	
Housman known to me to be the person whose	e name is subscribed to the foregoing
Assignment and acknowledged that he executed the	ne same as his free act and deed for the
purposes therein contained.	
	WITNESS my hand and official coal

[Notary's Seal Here] DOUGLAS S. CLIFTON NOTARY PUBLIC MY COMMISSION EXP. SEPT. 17, 2004

My commission expires:

PATENT

Page 1 of REEL: 9223 FRAME: 0164

Notary Public

233/055 Patent

IN WITNESS WHEREOF, I hereto set my hand and sea this, 1998.	lat Continação, Massachtt.
State of Massachusaks :	Fred D. Ledley
County of MIDOUSSIEE :	
Before me this 29 day of M41 Ledley known to me to be the person whose name is subtand acknowledged that he executed the same as his free contained.	
	WITNESS my hand and official seal
[Notary's Sea! Here]	Notary Public DOUGL'AS S. CLIFTON NOTARY PUBLIC My commission expires: My COMMISSION EXP. SEPT. 17, 2004
IN WITNESS WHEREOF, I hereto set my hand and sea this 28th day of May, 1998.	I at Coun bridge, Massachusetts Micent P. Stanton, Jr.
State of Mysseryusells :	
County of MIDDLESTRY :	
Before me this 28 day of MA7 P. Stanton, Ir. known to me to be the person whose real Assignment and acknowledged that he executed the spurposes therein contained.	name is subscribed to the foregoing
purposes therein contained.	WITNESS my hand and official seal
[Notary's Seal Here]	Notary Public My commission expires: DOUGLAS S. CLIFTON NOTARY PUBLIC
	MY COMMISSION EXP. SEPT. 17, 2004