Form PTO-1595 (Rev. 09/ 04) OMB No. 0681-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
RECORDATION FO	RM COVER SHEET		
PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below.		
Name of conveying party(les)/Execution Date(s):	Name and address of receiving party(ies)		
MAXWELL STOCK (06/21/2007), HAOMING GU (06/21/2007), GREGORY STOCK (06/21/2007), PETER WOLANIN (06/21/2007)			
	Name: SIGNUM BIOSCIENCES, INC. Internal Address:		
Execution Date(s): in parentheses after inventor name	Street Address:		
Additional name(s) of conveying party(ies) attached? Yes X No			
3. Nature of Conveyance: Assignment Merger	1 DEER PARK DRIVE, SUITE L-2		
Security Agreement Change of Name	15017		
Government Interest Assignment	City: MONMOUTH JUNCTION		
Executive Order 9424, Confirmatory License	Stale: NEW JERSEY		
	Country: United States of America Zip: 08852		
Correction to Reel/Frame 019719/0315. Delete Assignors Jeffry Stock and Zhu Li who inadvertently assigned rights to SIGNUM BIOSCIENCES, INC.	Additional name(s) & address(es) attached:		
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)		
11/346,706			
Additional numbers attached?	Yes X No		
 Name and address to whom correspondence concerning document should be mailed; 	6. Total number of applications and patents involved:		
Name: Erika J. Senska			
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total foo (37.0EP 4.24/b) 6.2.44) 6. 40.00		
	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Internal Address; Atty. Dkt.: SIGNUM 3.3-003	Authorized to be charged by credit card		
Street Address: 600 South Avenue West	Authorized to be charged to deposit account		
	Enclosed		
	None required (government interest not affecting title)		
City: Westfield	8. Payment Information		
State: NJ Zip: 07090	a. Credit Card Last 4 Numbers		
Phone Number: (908) 518-6364	Expiration Date		
Fax Number: (908) 654-0415	b. Deposit Account Number 12-1095		
Email Address: esenska@ldlkm.com	Authorized User Name Erika J. Senska		
. Signature:			
	January 8, 2008		
Signature 50 242	Date		
Erika J. Seriska - 53,312 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 7		
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O:SHAWN P. FOLEY COMPANY: LEL R. DAVID, LITTENBERG ET A.

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08/1⁷/2007

US DEPARTMENT OF COMMERCE Conn PT40-1595 (Res. 18/4 04) ONB No 0061-0027 (0=6, 6/30/2005) Linkad States Pathat and Toulawark Office RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Parent and Tradomark Office: Please record the attached documents or the new address(os) below 2. Name and address of receiving party(km) 1. Name of conveying party(ies)/Execution Date(s): JEPPRY STOCK (06/21/2007), MAXWELL STOCK (06/21/2007), HAOMING GU (06/21/2007), GREGORY STOCK (06/21/2007), SIGNUM BIOSCIENCES, INC. Market: intornal Address: Stropt Addruns: Execution Date(s): <u>in paranthases alter inventor name</u> Ackinomi complete of conveying party(los) attached? | X |Y09 1 DEER PARK DRIVE, SUUUS L-2. 3. Noture of Convoyance: X Assignment MONMOUTH JUNCTION Socurity Agreement Change of Nume **NEW JERSEY** Covernment Interest Assignment 08852 Executive Order 0424, Casiffrancery License Country: United States of America Zips (so) decribbe & (a)eman lane.HbbA X No This document is being filed together with a new application. Application or patent number(s); B Patent No.(s) A. Pawni Application No.(s) 11/34G 706 Additional manipes attached? X No 5. Name and address to whom correspondence 6. Yolai number of applications and patents involved: concerning document should be mailed: Nama: Shawn P. Foley LERNER, DAVID, LITTENBERG, 40.00 KRUMHOLZ & MENTLIK, LLP 7, Total fee (37 CFR 1.21(b) & 3.41) 5 _ Internal Address: Atty, Dkt.; StGNUM 3.0-003 Authorized to be charged by credit cord Street Address: 600 South Avenue West Authorized to be charged to deposit account None required (government interest out affecting title) City: Westfield 8. Paymoni information 07090 a. Credit Cord Laut 4 Numbers Slate: 77p: Expiration Data (908) 518-6346 Phone Number. 12-1095 (908) <u>654-0415</u> Deposit Account Number Fax Number. Authorized User Name Shawn P. Foley Email Address: sfoley@idikm.com 9, Şignalure: August 17, 2007 Signature Arnold H. Krumholz - 2<u>5,428</u> Total number of pages including order Б

Nume of Person Signing

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shard, allachments, and documents:

→ USPTO ASSIGNMENT 🛭 004/008

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+ USPTO ASSIGNMENT ₩ 003/009

Farm P (C)-) 595	RECO	ROATION FORM COVER SHEET (CONTINUED)	
Additional Conveying Party(les)/Execution Date(s) (1, Continued):			
Zhu Li (07/16/2007).	and Peter Wolanin (0)	6/21/2007)	
Additional Assign	ees (2. Continued)	:	
Америя Мики:	1-1 1111 1 21-11-11-1		
Internal Address			
Street Address:			
City:	, Slate:	Country:	Zip:
Assignue Numo.		1 10//	· · · · · ·
Internal Address.			
guent Vaquene.			
A 14		A	M4
City:	Style.	Country:	Δp;
Assignes Name:	····		
inigrnal Address:			
Sireol Address:			
Gily:	Staun:	Country:	Zip:
Additional Applications and/or Patents (4. Continued):			
Additional Patent Applicate 4A. Cartinuad:		Additional Patent Numbers 45. Curilinuod:	
			ı
	Additional number	v ullpohod? Yas No	

	Docket Number (Optional)			
ASSIGNMENT OF UTILITY APPLICATION	SIGNUM 3.0-003			
Whereas, I, Maxwell Stock	of			
6 Washington Street; Rocky Hill, New Jersey 08553				
hereafter referred to as assignor, have with others invented certain new	ew and useful improvements in			
COMPOSITIONS AND METHODS FOR ENHANCING	G COGNITIVE FUNCTION			
x for which an application for a United States Letters Pate	ent was filed on February 3, 2006			
Application Number 11/346,706				
for which an application for a United States Letters Pater and	nt was executed by me on ,			
Whereas, SIGNUM BIOSCIENCES, INC.				
a corporation of Delaware herein referred to as "assignee" whose in	-			
1 Deer Park Drive, Suite L-2; Monmouth Junction, New Jers	sey_08852			
NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks Is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to sald assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the unclersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee. I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provision				
And I do hereby authorize my attorneys to insert on this deed the fill when known.	ing date and application further of said application			
(Date)	/ / (Signature)			
State of $\underbrace{New Tensey}$) SS: County of $\underbrace{Midd/esex}$)				
County of				
On this 2/3/ day of				
Y *Total of 6 forms are substitled	10.400			
x *Total of 6 forms are submitted.	LD-530/			

ROBIN RUSKUSKI MY COMMISSION EXPIRES 7/28/2010

	Docket Number (Optional)			
ASSIGNMENT OF UTILITY APPLICATION	SIGNUM 3,0-003			
Whereas, I, Haoming Gu	of			
423 Plainsboro Road; Plainsboro, New Jersey 08536				
hereafter referred to as assignor, have with others invented certain n	ew and useful improvements in			
COMPOSITIONS AND METHODS FOR ENHANCING	G COGNITIVE FUNCTION			
x for which an application for a United States Letters Patent was filed on February 3, 2006				
Application Number 11/346,706				
for which an application for a United States Letters Parer and	nt was executed by me on,			
Whereas, SIGNUM BIOSCIENCES, INC.				
a corporation of <u>Delaware</u> herein referred to as "assignee" whose ina	· ·			
1 Deer Park Drive, Suite L-2; Monmouth Junction, New Jers	sey 08852			
is desirous of acquiring the entire right, title and interest in the same;				
NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, it is assigner hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and coverant without further remuneration, to execute and deliver all original, divisional, continuation, release and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful catus, and to do generally everything necessary to aid essignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee. I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provis				
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.				
(Date)	suffere			
(Date)	(Signature)			
State of $\underbrace{New\ Terrey}$) SS: County of $\underbrace{Nidd/esex}$)				
On this 2/s/ day of 50/we, 2667 before me personally came the above-named Haoming Gu, to me personally known as the individual who executed the fore-poing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth. (Notary Public)				
v *Tatal of & fares	15.500			
x *Total of 6 forms are submitted.	LD-530/			

ROBIN RUSKUSKI MY COMMISSION EXPIRES 7/28/2010

	former PTO/SB/15 (8-00) Modified LDLK&M Docket Number (Optional)			
ASSIGNMENT OF UTILITY APPLICATION	SIGNUM 3.0-003			
Whereas, I, Gregory Stock	of			
48 Maple Street; Princeton, New Jersey 08542				
hereafter referred to as assignor, have with others invented certain r	new and useful improvements in			
COMPOSITIONS AND METHODS FOR ENHANCIN	IG COGNITIVE FUNCTION			
x for which an application for a United States Letters Patent was filed on February 3, 2006				
Application Number 11/346,706				
for which an application for a United States Letters Pate and	ent was executed by me on ,			
Whereas, SIGNUM BIOSCIENCES, INC.				
a corporation of <u>Delaware</u> herein referred to as "assignee" whose rr	nailing address is			
1 Deer Park Drive, Suite L-2; Monmouth Junction, New Jer is desirous of acquiring the entire right, title and interest in the same	<u>sey 08692</u>			
NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said Invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to teatify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee. I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 60/649,902 filed February 3, 2005, and in the invention disclosed thereto in all countries of the world.				
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.				
6.21.07 <u> </u>	Zefun Gol			
(Date)	(Stonature)			
State of New Tersey) SS:				
County of <u>Middlesex</u>)	<u> </u>			
On this $2/57$ day of 500 , 200 before me personally came the above-named <u>Gregory</u> Stock, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that				
Stock, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.				
ROBIN RUSKUSKI				
(Notary Public) MY COMMISSION				
	7/28/2010			
x *Total of 6 forme are submitted.	LD-530/			

- · · · · · · · · · · · · · · · · · · ·	Docket Number (Optional)			
ASSIGNMENT OF UTILITY APPLICATION	SIGNUM 3.0-003			
	31GNOW 3.0-003			
Whereas, I, Peter Wolanin	of			
156 Spruce Street, Princeton, New Jersey 08742				
hereafter referred to as assignor, have with others invented certain n	new and useful improvements in			
COMPOSITIONS AND METHODS FOR ENHANCIN	•			
x for which an application for a United States Letters Pat				
is an appropriate of the order of the				
Application Number 11/346,706				
for which an application for a United States Letters Pater and	nt was executed by me on ,			
and .				
Whereas, SIGNUM BIOSCIENCES, INC.				
a corporation of <u>Delaware</u> herein referred to as "assignee" whose ni	-			
1 Deer Park Drive, Suite L-2; Monmouth Junction, New Jers is desirous of acquiring the entire right, title and Interest in the same;				
· · · · · · · · · · · · · · · · · · ·				
NOW, THEREFORE, in consideration of the sum of <u>one</u> of is acknowledged, and other good and valuable consideration, I as	dollars (\$ <u>1.00</u>), the receipt whereof assignor hereby sell assign and set over to said			
assignee my entire right, title and Interest for the United States	of America and all other countries in and to said			
invention and the aforeseld utility patent application and all original substitute or relessue applications and patents applied for or grante				
other countries, for said invention, including without limitation all a	pplications and patents for said invention claiming			
priority or benefit of the aforesaid utility application pursuant to any	law or treaty, and including the right to claim such			
priority or benefit and the Commissioner of Patents and Trademari patents on said improvements or resulting therefrom to said assigned	ks is hereby authorized and requested to issue all			
and the undersigned for me and my legal representatives, heirs an	nd assigns do hereby agree and covenant without			
further remuneration, to execute and deliver all original, divisional	al, continuation, reissue and other applications for			
Letters Patent on said improvements and all assignments thereof it said assignee or its representatives all facts known to the under	ro said assignee or its assigns, to communicate to ersigned respecting said improvements, whenever			
requested, to testify in any interferences or other legal proceedings	s in which any of sald applications or patents may			
become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the				
expenses incident to said applications to be borne and paid by said assignee.				
I, as assignor, hereby assign to said assignee all of my right, title a	and interest in United States Provisional Application			
No. 60/649,902 filed February 3, 2005, and in the invention disclose	ed thereto in all countries of the world including the			
right to claim priority or benefit of said Application No. 60/649,902 p	oursuant to any law or treaty in the countries of the			
world.				
And I do hereby authorize my attorneys to Insert on this deed the fill	ling dete and application number of said application			
when known.	4-(///			
6.21.04	ell. Toloka			
(Date)	(Signature)			
State of New Jersey) SS:				
$\begin{array}{c c} & $				
On this <u>Z/sf</u> day of <u>J/we</u> , <u>Z007</u> before me personally came the above-named <u>Peter</u> <u>Wolanin</u> , to me personally known as the individual who executed the foregoing instrument, who acknowledged to me				
that the same was executed by him/her of his/her own free will for the purposes therein set forth.				
- Rolan Rush				
(Notary Public)				
x *Total of 6 forms are submitted.	766348_1.DOC			

ROBIN RUSKUSKI MY COMMISSION EXPIRES 7/28/2010

PATENT

REEL: 020338 FRAME: 0929