

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
MAXWELL STOCK (06/21/2007), HAOMING
GU (06/21/2007), GREGORY STOCK
(06/21/2007), PETER WOLANIN (06/21/2007)

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License

☒ Other Correction to Reel/Frame 019719/0315.
Delete Assignors Jeffry Stock and Zhu Li
who inadvertently assigned rights to
SIGNUM BIOSCIENCES, INC.

2. Name and address of receiving party(ies)

Name: SIGNUM BIOSCIENCES, INC.

Internal Address: _____

Street Address: _____

1 DEER PARK DRIVE, SUITE L-2

City: MONMOUTH JUNCTION

State: NEW JERSEY

Country: United States of America Zip: 08852

Additional name(s) & address(es)
attached:

☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

11/346,706

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence
concerning document should be mailed:**

Name: Erika J. Senska
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: SIGNUM 3.3-003

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 518-6364

Fax Number: (908) 654-0415

Email Address: esenska@ldlkm.com

**6. Total number of applications and
patents involved:**

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 12-1095
Authorized User Name Erika J. Senska

9. Signature:



Erika J. Senska - 53,312
Name of Person Signing

January 8, 2008

Date

Total number of pages including cover
sheet, attachments, and documents:

7

CH \$40.00 12-1095 11346706

USPTO

8/22/2007 11:23:19 AM PAGE 4/005 Fax Server

O:SHAWN P. FOLEY COMPANY:LEARNER, DAVID, LITTENBERG ET AL

08/17/2007 17:28 FAX 18086547888

LDLKM
08/17/2007
700338542

+ USPTO ASSIGNMENT 002/008

Form PTL-1595 (Rev. 10/1/04)
OMB No 0051-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below

1. Name of conveying party(ies)/Execution Date(s):

JERRY STOCK (06/21/2007), MAXWELL
STOCK (06/21/2007), HAOMING GU
(06/21/2007), GREGORY STOCK (06/21/2007).

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 0424, Confidential License
☐ Other

2. Name and address of receiving party(ies)

Name: SIGNUM BIOSCIENCES, INC.

Internal Address:

Street Address:

1 DEER PARK DRIVE, SUITE L-2

City: MONMOUTH JUNCTION

State: NEW JERSEY

Country: United States of America Zip: 08852

Additional name(s) & address(es) attached: ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)
11/346,706☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Shawn P. Foley
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: SIGNUM 3.0-000

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 618-6346

Fax Number: (908) 654-0415

Email Address: sfoley@ldlkm.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(b) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 12-1095

Authorized User Name Shawn P. Foley

9. Signature:



Signature

August 17, 2007

Date

Arnold H. Krumholz - 25,428

Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents:

5

C:\H:\40-00-121095-11346706

Page 1 of 1

PATENT

08/22/2007 WED 11:23 JTI/RT NO 86161 004

REEL: 020338 FRAME: 0924

USPTO

8/22/2007 11:23:19 AM

PAGE

5/005

Fax Server

O:SHAWN P. FOLEY COMPANY:LE. ER, DAVID, LITTENBERG ET A

08/17/2007 17:28 FAX 18086547866

LDLKM

+ USPTO ASSIGNMENT 003/008

RECORDATION FORM COVER SHEET (continued)	
Form PTO-1595	
Additional Conveying Party(ies)/Execution Date(s) (1. Continued): Zhu Li (07/16/2007), and Peter Wolanin (06/21/2007)	
Additional Assignees (2. Continued):	
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____	
Additional Applications and/or Patents (4. Continued):	
Additional Patent Application Numbers 4A. Continued:	Additional Patent Numbers 4B. Continued:
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) 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 and useful improvements in
COMPOSITIONS AND METHODS FOR ENHANCING COGNITIVE FUNCTION
☒ 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 Patent was executed by me on _____
and _____

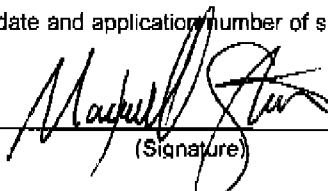
Whereas, SIGNUM BIOSCIENCES, INC.
a corporation of Delaware herein referred to as "assignee" whose mailing address is
1 Deer Park Drive, Suite L-2, Monmouth Junction, New Jersey 08852
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
is acknowledged, and other good and valuable consideration, 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 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 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 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 Provisional Application
No. 60/649,902 filed February 3, 2005, and in the invention disclosed thereto in all countries of the world including the
right to claim priority or benefit of said Application No. 60/649,902 pursuant to any law or treaty in the 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
(Date)


(Signature)

State of New Jersey) SS:
County of Middlesex)

On this 21st day of June, 2007 before me personally came the above-named Maxwell 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.




(Notary Public)

☒ *Total of 6 forms are submitted.

LD-530/

ROBIN RUSKUSKI
MY COMMISSION
EXPIRES 7/28/2010

PATENT
REEL: 020338 FRAME: 0926

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) SIGNUM 3.0-003
<p>Whereas, I, <u>Haoming Gu</u> of <u>423 Plainsboro Road; Plainsboro, New Jersey 08536</u> hereafter referred to as assignor, have with others invented certain new and useful improvements in <u>COMPOSITIONS AND METHODS FOR ENHANCING COGNITIVE FUNCTION</u> <input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>February 3, 2006</u> Application Number <u>11/346,706</u> <input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____, and _____</p> <p>Whereas, <u>SIGNUM BIOSCIENCES, INC.</u> a corporation of <u>Delaware</u> herein referred to as "assignee" whose mailing address is <u>1 Deer Park Drive, Suite L-2; Monmouth Junction, New Jersey 08852</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u>), 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 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 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 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.</p> <p>I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. <u>60/649,902</u> filed <u>February 3, 2005</u>, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. <u>60/649,902</u> pursuant to any law or treaty in the countries of the world.</p> <p>And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <u>6.21.07</u> (Date) </div> <div style="text-align: center;">  (Signature) </div> </div> <p>State of <u>New Jersey</u>) SS: County of <u>Middlesex</u>)</p> <p>On this <u>21st</u> day of <u>June</u>, <u>2007</u> before me personally came the above-named <u>Haoming Gu</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.</p> <div style="text-align: center; margin-top: 20px;">  (Notary Public) </div>	

☒ *Total of 6 forms are submitted.

LD-530/

ROBIN RUSKUSKI
MY COMMISSION
EXPIRES 7/28/2010

PATENT
REEL: 020338 FRAME: 0927

former PTO/SB/15 (8-00) Modified LDLK&M

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) 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 new and useful improvements in
COMPOSITIONS AND METHODS FOR ENHANCING COGNITIVE FUNCTION
☒ 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 Patent was executed by me on _____
and _____

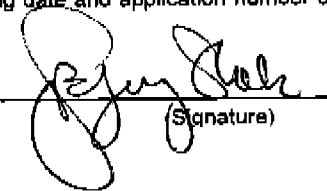
Whereas, SIGNUM BIOSCIENCES, INC.
a corporation of Delaware herein referred to as "assignee" whose mailing address is
1 Deer Park Drive, Suite L-2, Monmouth Junction, New Jersey 08852
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
is acknowledged, and other good and valuable consideration, 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 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 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 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 Provisional Application
No. 60/649,902 filed February 3, 2005, and in the invention disclosed thereto in all countries of the world including the
right to claim priority or benefit of said Application No. 60/649,902 pursuant to any law or treaty in the countries of the
world.

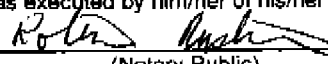
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application
when known.

6.21.07
(Date)


(Signature)

State of New Jersey) SS:
County of Middlesex)

On this 21st day of JUNE, 2007 before me personally came the above-named Gregory 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
MY COMMISSION
(Notary Public)

EXPIRES 7/28/2010

<input checked="" type="checkbox"/>	*Total of <u>6</u> forms are submitted.	LD-530/
-------------------------------------	-----------------------------------------	---------

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) SIGNUM 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 new and useful improvements in
COMPOSITIONS AND METHODS FOR ENHANCING COGNITIVE FUNCTION
☒ 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 Patent was executed by me on _____
and _____

Whereas, SIGNUM BIOSCIENCES, INC.
a corporation of Delaware herein referred to as "assignee" whose mailing address is
1 Deer Park Drive, Suite L-2, Monmouth Junction, New Jersey 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, 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 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 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 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 Provisional Application
No. 60/649,902 filed February 3, 2005, and in the invention disclosed thereto in all countries of the world including the
right to claim priority or benefit of said Application No. 60/649,902 pursuant to any law or treaty in the 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.

6.21.09 (Date) Peter Wolanin (Signature)

State of New Jersey) SS:
County of Middlesex)

On this 21st day of JUNE, 2007 before me personally came the above-named Peter Wolanin,
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)

☒ *Total of 6 forms are submitted.

766348_1.DOC

ROBIN RUSKUSKI
MY COMMISSION
EXPIRES 7/28/2010

PATENT

RECORDED: 01/08/2008

REEL: 020338 FRAME: 0929