

12-05-2001



HEET

101907866

Attorney Docket No.: 044574-5070-01

To the Assistant Commissioner for Patents:
Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

Thomas A. STEITZ - November 20, 2001
Peter B. MOORE - executed on November 20, 2001
Poul NISSEN - executed on November 20, 2001
Jeffrey HANSEN - executed on November 20, 2001

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

2. Name and address of receiving party(ies):

Name: Yale University

Street Address: 451 College Street

City: New Haven, CT

State: Connecticut

Zip: 06520

Additional name(s) & address(es) attached?
 Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

4. Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s) 09/922,251

B. Patent No.(s)

Additional numbers attached: Yes No

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

Name: Mr. Reid G. Adler
Internal Address: Customer No. 09629
Morgan, Lewis & Bockius LLP

Street Address: 1800 M Street, N.W.
City: Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R § 3.41): \$40.00

Enclosed

Authorized to be charged to deposit account 50-0310

8. Deposit account number: 50-0310

Attach duplicate of page if paying by deposit account

9. 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.

Sally P. Teng, Reg. No. 45,397

Name of Person Signing

Erich E. Veitenheimer
Signature

Reg. No. 40,420

November 30, 2001

Date

Total number of pages including cover sheet, attachments and documents: 5

11-30-01
12/04/2001 6TON11 00000194 09922251

01 FC:581

40.00 DP

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

for which I/WE executed an application for United States Letters Patent concurrently herewith; or on _____; or filed an application for United States Letters Patent on August 3, 2001, (Serial No. 09/922,251); and

WHEREAS, Yale University, a corporation of Connecticut, whose post office address is 451 College St., New Haven, CT 06520 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

County of <u>New Haven</u>	<u>Thomas A. Steitz</u> Full Name of Sole or First Assignor
State of <u>Connecticut</u>	<u>45 Prospect Hill Road, Branford, CT 06405</u> Address
Subscribed and sworn to before me this <u>20</u> day of <u>Nov</u> , 20 <u>01</u> .	<u>[Signature]</u> First Assignor's Signature
<u>[Signature]</u> Notary Public	<u>11/20/01</u> Date
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

County of New Haven
State of Connecticut

Subscribed and sworn to before me
this 20 day of NOV, 2001.
Thomas J. O'Donoghue Notary Public

Peter B. Moore
Full Name of Second Assignor

SS. 30 Kent Drive, North Haven, CT 06473
Address

Peter B. Moore
Second Assignor's Signature

11/20/01
Date

County of _____
State of _____

Subscribed and sworn to before me
this ___ day of _____, 20__.

Notary Public

Nenad Ban
Full Name of Third Assignor

SS. Riedenholden Str 255, CH-8046, Switzerland
Address

Third Assignor's Signature

Date

County of _____
State of _____

Subscribed and sworn to before me
this ___ day of _____, 20__.

Notary Public

Poul Nissen
Full Name of Forth Assignor

SS. Vaagoegade 5, DK-8200, Aarhus N Demank
Address

Forth Assignor's Signature

Date

County of New Haven
State of Connecticut

Subscribed and sworn to before me
this 20 day of NOV, 2001.
Thomas J. O'Donoghue Notary Public

Jeffrey Hansen
Full Name of Fifth Assignor

SS. 327 Willow Street, New Haven, CT 06511
Address

Jeffrey Hansen
Fifth Assignor's Signature

20 NOV 01
Date

Names of additional inventors attached [] Yes [X] No

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

for which I/WE executed an application for United States Letters Patent concurrently herewith; or on _____; or filed an application for United States Letters Patent on August 3, 2001, (Serial No. 09/922,251); and

WHEREAS, Yale University, a corporation of Connecticut, whose post office address is 451 College St., New Haven, CT 06520 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

County of _____	_____ Thomas A. Steitz _____ Full Name of Sole or First Assignor
State of _____	_____ 45 Prospect Hill Road, Branford, CT 06405 _____ Address
	SS. _____ First Assignor's Signature
Subscribed and sworn to before me this ___ day of _____, 20__.	_____ _____ Date
_____ Notary Public	
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

County of _____	<u>Peter B. Moore</u> Full Name of Second Assignor
State of _____	<u>30 Kent Drive, North Haven, CT 06473</u> Address
Subscribed and sworn to before me this ___ day of _____, 20__.	_____ Second Assignor's Signature
_____ Notary Public	_____ Date

County of _____	<u>Nenad Ban</u> Full Name of Third Assignor
State of _____	<u>Riedenhalde Str 255, CH-8046, Switzerland</u> Address
Subscribed and sworn to before me this ___ day of _____, 20__.	_____ Third Assignor's Signature
_____ Notary Public	_____ Date

County of <u>AARHUS</u>	<u>Poul Nissen</u> Full Name of Forth Assignor
State of <u>DENMARK</u>	<u>Vaagegade 6, DK-8200, Aarhus N Demark</u> Address
Subscribed and sworn to before me this <u>20</u> day of <u>Nov</u> , 20 <u>01</u> .	<u>Poul Nissen</u> Forth Assignor's Signature
<u>Gregg M. Reed</u> Notary Public	<u>Nov 20 2001</u> Date

County of _____	<u>Jeffrey Hansen</u> Full Name of Fifth Assignor
State of _____	<u>327 Willow Street, New Haven, CT 06511</u> Address
Subscribed and sworn to before me this ___ day of _____, 20__.	_____ Fifth Assignor's Signature
_____ Notary Public	_____ Date

Names of additional inventors attached [] Yes [X] No

Morgan, Lewis & Bockius LLP