



To the Honorable Commissioner of Patents and Trademark

101784186

copy thereof.

1. Name of conveying party(ies):

- 1. Gregory D. Cuny
- 2. Liming Shao
- 3. James R. Hauske
- 4. Michele L.R. Heffernan
- 5. Brian M. Aquila
- 6. Xinhe Wu
- 7. Fengjiang Wang
- 8. Thomas D. Bannister

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

- Execution Date:
- 1. April 11, 2001
 - 2. July 6, 2001
 - 3. April 12, 2001
 - 4. July 6, 2001
 - 5. April 11, 2001
 - 6. April 11, 2001
 - 7. April 11, 2001
 - 8. April 11, 2001

Name and address of receiving party(ies):

Name: Sepracor Inc.

Internal Address: _____

Street Address: 111 Locke Drive

City: Marlborough State: MA Zip 01752

Additional name(s) & addresses attached? Yes No

MWD 7/16/01

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

If this document is being filed together with a new application, the filing date of the application is: _____

A. Patent Application No.(s) 09/798,803

B. Patent No.(s): _____

Additional numbers attached? Yes No

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

Name: Foley, Hoag

Internal Address: Patent Group

Street Address: One Post Office Square

City: Boston State: MA ZIP 02109

6. Total number of applications and patents involved (1)

7. Total Fee (37 CFR 3.14) \$ 40.00

Enclosed

Authorized to be charged to _____ deposit account

8. Deposit account number:

06-1448, Ref.

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Dana M. Gordon, Ph.D., J.D. - 44,719

Name of Person Signing and Reg. No.

Dana Gordon

Signature

7/12/01

Date

Total number of pages including cover sheet, attachments, and document: ()

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

07/20/2001 6TON11 00000032 09798803

01 FC:581

40.00 DP

ASSIGNMENT

We, Gregory D. Cuny of Hudson, MA, Liming Shao of Lincoln, MA, James R. Hauske of Concord, MA, Michele L.R. Heffernan of Framingham, MA, Brian M. Aquila of Marlborough, MA, Xinhe Wu of Marlborough, MA, Fengjiang Wang of Northborough, MA, and Thomas D. Bannister of Northborough, MA for valuable consideration received from Sepracor Inc., a corporation of the state of Massachusetts, having its principal place of business at 111 Locke Drive, Marlborough, MA 01752, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Sepracor Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

“Heterocyclic Analgesic Compounds and Methods of Use Thereof”

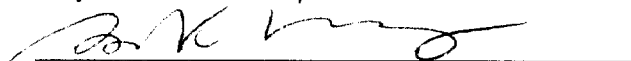
described in application Serial No. 09/798,803 filed on March 2, 2001 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, 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.

And we 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 this 11th day of April, 2001.

By: 
Gregory D. Cuny

Then personally appeared the above-named Gregory D. Cuny and acknowledged the foregoing instrument to be his free act and deed, before me, this 11th day of April, 2001.



Witness signature

Qun Kevin Fang

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Liming Shao

Then personally appeared the above-named Liming Shao and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001

By: _____
James R. Hauske

Then personally appeared the above-named James R. Hauske and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Michele L. R. Heffernan

Then personally appeared the above-named Michele L. R. Heffernan and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Brian M. Aquila

Then personally appeared the above-named Brian M. Aquila and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Xinhe Wu

Then personally appeared the above-named Xinhe Wu and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Fengjiang Wang

Then personally appeared the above-named Fengjiang Wang and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Thomas D. Bannister

Then personally appeared the above-named Thomas D. Bannister and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

ASSIGNMENT

We, Gregory D. Cuny of Hudson, MA, Liming Shao of Lincoln, MA, James R. Hauske of Concord, MA, Michele L.R. Heffernan of Framingham, MA, Brian M. Aquila of Marlborough, MA, Xinhe Wu of Marlborough, MA, Fengjiang Wang of Northborough, MA, and Thomas D. Bannister of Northborough, MA for valuable consideration received from Sepracor Inc., a corporation of the state of Massachusetts, having its principal place of business at 111 Locke Drive, Marlborough, MA 01752, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Sepracor Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

“Heterocyclic Analgesic Compounds and Methods of Use Thereof”

described in application Serial No. 09/798,803 filed on March 2, 2001 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, 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.

And we 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 this _____ day of _____, 2001.

By: _____
Gregory D. Cuny

Then personally appeared the above-named Gregory D. Cuny and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this 6 day of July, 2001

By: *Liming Shao*
Liming Shao

Then personally appeared the above-named Liming Shao and acknowledged the foregoing instrument to be his free act and deed, before me, this 6th day of July, 2001.

Paul E. Persons
Witness signature

Paul E. Persons
Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001

By: _____
James R. Hauske

Then personally appeared the above-named James R. Hauske and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Michele L. R. Heffernan

Then personally appeared the above-named Michele L. R. Heffernan and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Brian M. Aquila

Then personally appeared the above-named Brian M. Aquila and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Xinhe Wu

Then personally appeared the above-named Xinhe Wu and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Fengjiang Wang

Then personally appeared the above-named Fengjiang Wang and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Thomas D. Bannister

Then personally appeared the above-named Thomas D. Bannister and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

ASSIGNMENT

We, Gregory D. Cuny of Hudson, MA, Liming Shao of Lincoln, MA, James R. Hauske of Concord, MA, Michele L.R. Heffernan of Framingham, MA, Brian M. Aquila of Marlborough, MA, Xinhe Wu of Marlborough, MA, Fengjiang Wang of Northborough, MA, and Thomas D. Bannister of Northborough, MA for valuable consideration received from Sepracor Inc., a corporation of the state of Massachusetts, having its principal place of business at 111 Locke Drive, Marlborough, MA 01752, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Sepracor Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

“Heterocyclic Analgesic Compounds and Methods of Use Thereof”

described in application Serial No. 09/798,803 filed on March 2, 2001 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, 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.

And we 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 this _____ day of _____, 2001.

By: _____
Gregory D. Cuny

Then personally appeared the above-named Gregory D. Cuny and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Liming Shao

Then personally appeared the above-named Liming Shao and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

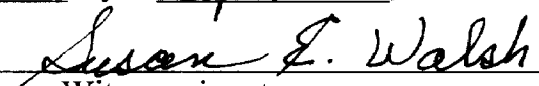
Witness signature

Witness Name (please print)

WITNESS my hand this 12 day of April, 2001.

By: 
James R. Hauske

Then personally appeared the above-named James R. Hauske and acknowledged the foregoing instrument to be his free act and deed, before me, this 12 day of April, 2001.


Witness signature

SUSAN E. WALSH
Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Michele L. R. Heffernan

Then personally appeared the above-named Michele L. R. Heffernan and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Brian M. Aquila

Then personally appeared the above-named Brian M. Aquila and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Xinhe Wu

Then personally appeared the above-named Xinhe Wu and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Fengjiang Wang

Then personally appeared the above-named Fengjiang Wang and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Thomas D. Bannister

Then personally appeared the above-named Thomas D. Bannister and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

ASSIGNMENT

We, Gregory D. Cuny of Hudson, MA, Liming Shao of Lincoln, MA, James R. Hauske of Concord, MA, Michele L.R. Heffernan of Framingham, MA, Brian M. Aquila of Marlborough, MA, Xinhe Wu of Marlborough, MA, Fengjiang Wang of Northborough, MA, and Thomas D. Bannister of Northborough, MA for valuable consideration received from Sepracor Inc., a corporation of the state of Massachusetts, having its principal place of business at 111 Locke Drive, Marlborough, MA 01752, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Sepracor Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

“Heterocyclic Analgesic Compounds and Methods of Use Thereof”

described in application Serial No. 09/798,803 filed on March 2, 2001 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, 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.

And we 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 this _____ day of _____, 2001.

By: _____
Gregory D. Cuny

Then personally appeared the above-named Gregory D. Cuny and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Liming Shao

Then personally appeared the above-named Liming Shao and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001

By: _____
James R. Hauske

Then personally appeared the above-named James R. Hauske and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

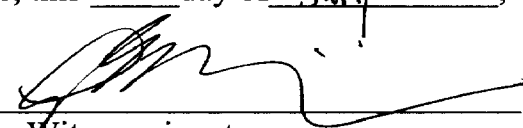
Witness signature

Witness Name (please print)

WITNESS my hand this 6 day of July, 2001.

By: 
Michele L. R. Heffernan

Then personally appeared the above-named Michele L. R. Heffernan and acknowledged the foregoing instrument to be his free act and deed, before me, this 6th day of July, 2001.



Witness signature

ROGER XIE

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Brian M. Aquila

Then personally appeared the above-named Brian M. Aquila and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Xinhe Wu

Then personally appeared the above-named Xinhe Wu and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Fengjiang Wang

Then personally appeared the above-named Fengjiang Wang and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Thomas D. Bannister

Then personally appeared the above-named Thomas D. Bannister and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

ASSIGNMENT

We, Gregory D. Cuny of Hudson, MA, Liming Shao of Lincoln, MA, James R. Hauske of Concord, MA, Michele L.R. Heffernan of Framingham, MA, Brian M. Aquila of Marlborough, MA, Xinhe Wu of Marlborough, MA, Fengjiang Wang of Northborough, MA, and Thomas D. Bannister of Northborough, MA for valuable consideration received from Sepracor Inc., a corporation of the state of Massachusetts, having its principal place of business at 111 Locke Drive, Marlborough, MA 01752, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Sepracor Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

“Heterocyclic Analgesic Compounds and Methods of Use Thereof”

described in application Serial No. 09/798,803 filed on March 2, 2001 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, 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.

And we 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 this _____ day of _____, 2001.

By: _____
Gregory D. Cuny

Then personally appeared the above-named Gregory D. Cuny and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Liming Shao

Then personally appeared the above-named Liming Shao and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001

By: _____
James R. Hauske

Then personally appeared the above-named James R. Hauske and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Michele L. R. Heffernan

Then personally appeared the above-named Michele L. R. Heffernan and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this 11 day of April, 2001.

By: Brian M. Aquila
Brian M. Aquila

Then personally appeared the above-named Brian M. Aquila and acknowledged the foregoing instrument to be his free act and deed, before me, this 11th day of April, 2001.

Paul E. Persons
Witness signature

Paul E. Persons
Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Xinhe Wu

Then personally appeared the above-named Xinhe Wu and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Fengjiang Wang

Then personally appeared the above-named Fengjiang Wang and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Thomas D. Bannister

Then personally appeared the above-named Thomas D. Bannister and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

ASSIGNMENT

We, Gregory D. Cuny of Hudson, MA, Liming Shao of Lincoln, MA, James R. Hauske of Concord, MA, Michele L.R. Heffernan of Framingham, MA, Brian M. Aquila of Marlborough, MA, Xinhe Wu of Marlborough, MA, Fengjiang Wang of Northborough, MA, and Thomas D. Bannister of Northborough, MA for valuable consideration received from Sepracor Inc., a corporation of the state of Massachusetts, having its principal place of business at 111 Locke Drive, Marlborough, MA 01752, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Sepracor Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

“Heterocyclic Analgesic Compounds and Methods of Use Thereof”

described in application Serial No. 09/798,803 filed on March 2, 2001 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, 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.

And we 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 this _____ day of _____, 2001.

By: _____
Gregory D. Cuny

Then personally appeared the above-named Gregory D. Cuny and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Liming Shao

Then personally appeared the above-named Liming Shao and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001

By: _____
James R. Hauske

Then personally appeared the above-named James R. Hauske and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Michele L. R. Heffernan

Then personally appeared the above-named Michele L. R. Heffernan and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Brian M. Aquila

Then personally appeared the above-named Brian M. Aquila and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this 11th day of April, 2001.

By: Xinhe Wu
Xinhe Wu

Then personally appeared the above-named Xinhe Wu and acknowledged the foregoing instrument to be his free act and deed, before me, this 11th day of April, 2001.

[Signature]
Witness signature

CURTIS LOCKSHIN
Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Fengjiang Wang

Then personally appeared the above-named Fengjiang Wang and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Thomas D. Bannister

Then personally appeared the above-named Thomas D. Bannister and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

ASSIGNMENT

We, Gregory D. Cuny of Hudson, MA, Liming Shao of Lincoln, MA, James R. Hauske of Concord, MA, Michele L.R. Heffernan of Framingham, MA, Brian M. Aquila of Marlborough, MA, Xinhe Wu of Marlborough, MA, Fengjiang Wang of Northborough, MA, and Thomas D. Bannister of Northborough, MA for valuable consideration received from Sepracor Inc., a corporation of the state of Massachusetts, having its principal place of business at 111 Locke Drive, Marlborough, MA 01752, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Sepracor Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

“Heterocyclic Analgesic Compounds and Methods of Use Thereof”

described in application Serial No. 09/798,803 filed on March 2, 2001 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, 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.

And we 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 this _____ day of _____, 2001.

By: _____
Gregory D. Cuny

Then personally appeared the above-named Gregory D. Cuny and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Liming Shao

Then personally appeared the above-named Liming Shao and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001

By: _____
James R. Hauske

Then personally appeared the above-named James R. Hauske and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Michele L. R. Heffernan

Then personally appeared the above-named Michele L. R. Heffernan and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Brian M. Aquila

Then personally appeared the above-named Brian M. Aquila and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this _____ day of _____, 2001.

By: _____
Xinhe Wu

Then personally appeared the above-named Xinhe Wu and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Witness signature

Witness Name (please print)

WITNESS my hand this 11th day of April, 2001.

By: Fengjiang Wang
Fengjiang Wang

Then personally appeared the above-named Fengjiang Wang and acknowledged the foregoing instrument to be his free act and deed, before me, this 11th day of April, 2001.

Paul E. Persons
Witness signature

Paul E. Persons
Witness Name (please print)

WITNESS my hand this 11th day of April, 2001.

By: Thomas D. Bannister
Thomas D. Bannister

Then personally appeared the above-named Thomas D. Bannister and acknowledged the foregoing instrument to be his free act and deed, before me, this 11th day of April, 2001.


Witness signature

CURTIS LOCKSHIN
Witness Name (please print)