Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John Ong	01/19/2006
Robert Jennings	01/19/2006
Gregg Stetsko	01/19/2006

RECEIVING PARTY DATA

Name:	Amylin Pharmaceuticals, Inc.
Street Address:	9360 Towne Centre Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	10559595
PCT Number:	US0417456

CORRESPONDENCE DATA

Fax Number: (202)942-5999

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-942-5000

Email: deborah.wykes@amylin.com

Correspondent Name: Arnold & Porter LLP
Address Line 1: 555 Twelfth Street, NW

Address Line 4: Washington, DISTRICT OF COLUMBIA 20004-1206

ATTORNEY DOCKET NUMBER: 0501-UTL-0

NAME OF SUBMITTER: Deborah Wykes

NAME OF SUBMITTER: Deborah Wykes

Total Attachments: 3

PATENT REEL: 017076 FRAME: 0442

500074075

780.00 580.00 source=0501-UTL-0 Assign to PTO#page1.tif source=0501-UTL-0 Assign to PTO#page2.tif source=0501-UTL-0 Assign to PTO#page3.tif

PATENT REEL: 017076 FRAME: 0443

Application No. 10/559,595 Attorney Docket No.: 0501-UTL-5

JOINT ASSIGNMENT

WHEREAS, we, John ONG, Robert JENNINGS, and Gregg STETSKO, the undersigned, have made certain invention(s) which are disclosed in patent application(s) entitled:

NOVEL METHODS AND COMPOSITIONS FOR ENHANCED TRANSMUCOSAL DELIVERY OF PEPTIDES AND PROTEINS,

identified as U.S. Application No. 10/559,595, filed November 30, 2005, and also

filed under the Patent Cooperation Treaty as PCT/US2004/017456.

WHEREAS, AMYLIN PHARMACEUTICALS, INC., a Corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I/we do hereby sell, assign and transfer to AMYLIN PHARMACEUTICALS, INC., its successors and assigns, the entire right, title and interest in and to said application(s) and/or invention(s), in any form or embodiment; and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by me/us as employee(s), agent(s) or contractor(s) of AMYLIN PHARMACEUTICALS, INC.; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, obtained in any country upon said inventions or improvements; and to any and all continuing applications, including divisional, continuation and continuation-in-part applications; substitute applications; to all prior applications disclosing said inventions or improvements to which the present applications claims priority; and to any other applications claiming the benefit of said prior applications.

I/We hereby authorize and request the issuing authority to issue any and all patents on said application or applications to AMYLIN PHARMACEUTICALS, INC., as assignee of the entire interest.

I/We further agree, without any payment by AMYLIN PHARMACEUTICALS, INC. other than in reimbursement of reasonable expenses I/we may incur, to communicate to AMYLIN PHARMACEUTICALS, INC., its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for purposes of interference, opposition or other legal proceedings, whenever requested; testify in any interference, opposition or other legal proceedings, whenever requested; and execute and

PATENT REEL: 017076 FRAME: 0444

Application No. 10/559,595

Attorney Docket No.: 0501-UTL-5

Page 2 of 3

deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature: John H. Gnz Date: 1/19/2006
State of California) ss.
County of San Diego)
On this day of away, 2008, before me, forc wante and Notary Public, personally appeared John ONG, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written. RENEE SUZANNE ZAVALA Commission # 1374250 San Diego County My Comm. Expires Sep 12, 2006 Notary Public or Consular Officer Notary Public or Consular Officer
(seal) Notary Public or Consular Officer
Signature: 19 Jan 2006
State of California)) ss. County of San Diego)
On this 19th day of anuary, 2006, before me, force Suranne Taylala. Notary Public, personally appeared Robert JENNINGS, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.
RENEE SUZANNE ZAVALA Commission # 1374256 Notary Public - California San Diego County My Comm. Expires Sep 12, 2006 Notary Public or Consular Officer

PATENT REEL: 017076 FRAME: 0445

Page 3 of 3 Signature: State of California SS. County of San Diego) anuary, 2008, before me, genee Suzanne Savalar Notary Public, personally appeared Gregg STLTSKO, personally known to me or proved to me on the basis of satisfactory evidence to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written. RENEE SUZANNE ZAVALA Commission # 1374256 Notary Public - California 葉 San Diego County My Comm. Expires Sep 12, 2006 (seal) Signature: Date: State of California SS. County of San Diego) , 2005, before me, On this _____ day of _ Notary Public, personally appeared to me or proved to me on the basis of satisfactory evidence to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written. (seal) Notary Public or Consular Officer

RECORDED: 01/27/2006

PATENT REEL: 017076 FRAME: 0446

Application No. 10/559,595

Attorney Docket No.: 0501-UTL-5