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ION FORM COVER SHEET A GENTS ONLY

Attorney Docket Number 9301-032

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS Box Assignment Washington, DC 20231							
Please record the attached original documents or copy thereof.							
Name of conveying party(ies):	2. Name and address of receiving party(ies):						
Julja Burchard, Roland Stoughton and Stephen H. Friend	Name: Rosetta Inpharmatics, Inc.						
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	Address: 12040 115th Avenue N.E. Kirkland, Washington 98034						
3. Nature of conveyance:	Country (if other than USA):						
■ Assignment □ Merger							
□ Security Agreement □ Change of Name							
□ Other	09-335971						
Execution Date: June 16, 1999	09 333 911						
4. Application number(s) or patent number(s):							
If this document is being filed together with a new application, the execution	n date of the application is: June 16, 1999						
A. Patent Application No.(s)	B. Patent No.(s)						
Additional numbers at	tached? □ Yes ⊠ No						
Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved:1						
PENNIE & EDMONDS LLP 1155 Avenue of the Americas New York, NY 10036	7. Total fee (37 CFR 3.41):						
	8. Deposit account number: 16-1150						
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.							
Adriane M. Antler Name of Person Signing Reg. No. 32,605 Signature	June 18, 1999 Date						
Total number of pages including cover sheet:3_							

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

NY2 - 971567.1

PATENT REEL: 010047 FRAME: 0383

ASSIGNMENT

WHEREAS, WE, Julja Burchard, Roland Stoughton, and Stephen H. Friend, ASSIGNORS, citizens of the United States; respectively residing at 13801 91st Place, N.E., Kirkland, Washington 98034, at 425 West Spruce Street, San Diego, California 92103, and at 2653 Cascadea Avenue, S., Seattle, Washington 98144 are the inventors of the invention in METHODS FOR DETERMINING CROSS-HYBRIDIZATION for which we have executed an application for a Patent of the United States

- which is executed on
 even date herewith or
 □

 ■
- which is identified by Pennie & Edmonds LLP docket no. 9301-032

and WHEREAS, Rosetta Inpharmatics, Inc., a corporation of Delaware, having a place of business at 12040 115th Avenue N.E., Kirkland, Washington 98034, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

signatures.					
Date 6/16/9	9 , 1999	Julia Burchard	wehard		L.S
State of Washner	الم				
County of King	M. YO	6.			
On this 16 personally appeared a foregoing instrument	in Baronard, formal and she cale carledge	wen and known to	r free act and deed.	of that name, who si	igned and sealed the
Date June 16	05-20-03 WASHIN	Roland Stoughton	Staylota	TOUPILES S	Notary Public
State of Washing	~~\ ~~\ ~~\				
State of Washing County of King) SS.:	'e.			
On this 16 opersonally appeared Rethe foregoing instrument	day of Stoughton, to	the same to be	his free act and deed	son of that hame, wh	o signed and sealed

PATENT NY2 - 964556.1

REEL: 010047 FRAME: 0384

Date	JUNE	11	, 1999	Much 2. 2	L.S.
				Stephen H. Friend	

State of WASHINGTON

County of King

On this 14 day of June, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Stephen H. Friend, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public.

- 2 -

PATENT NY2 - 964556.1 **REEL: 010047 FRAME: 0385**

RECORDED: 06/18/1999