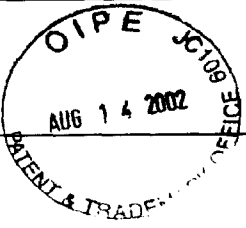

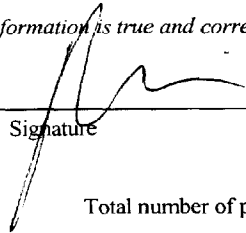
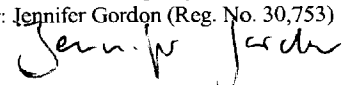


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		08-23-2002  102200331 BOX Assignment Washington, DC 20231		OVER SHEET NLY Attorney Docket Number 1803-334-999	
PATENTS AND TRADEMARKS					
Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): <u>8-14-02</u> Urban Schnell, Olivier Elsenhans, Thomas Caratsch, Lukas Birrer and Emad Sarofim Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies): Name: <u>Roche Molecular Systems, Inc.</u> Address: <u>1145 Atlantic Avenue</u> <u>Alameda, California 94501</u> Country (if other than USA): _____		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>July 9, 2002, July 1, 2002, July 5, 2002, July 3, 2002, and July 2, 2002, respectively</u>					
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) <u>10/070,343</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS LLP 3300 Hillview Avenue Palo Alto, CA. 94304			6. Number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8. 8. Deposit account number: <u>16-1150</u>		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>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.</i> <u>Birgit Millauer</u> <u>43,341</u>  <u>August 14, 2002</u> Name of Person Signing Reg. No. Signature Date For: <u>Jennifer Gordon (Reg. No. 30,753)</u> 					
Total number of pages including cover sheet:					<u>3</u>

Mail documents to be recorded with required cover sheet information to:
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ASSIGNMENT

WHEREAS, WE, Urban Schnell, Olivier Elsenhans, Thomas Caratsch, Lukas Birrer and Emad Sarofim, ASSIGNORS, citizens of Switzerland, residing at Rauemattenweg 7, Muentschemier, Switzerland CH-3225, Hoehenweg 1, Sins AG, Switzerland CH-5643, Im Gjuch 22, Mettmensstetten ZH, Switzerland CH-8932, Baechtenbuehlstrasse 15, Meggen LU, Switzerland CH-6045, and Flurstrasse 8, Hagendorn ZG, Switzerland CH-6332, respectively, are the inventors of the invention in SYSTEM FOR THERMOCYCLING OF FLUIDS IN CARTRIDGES 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. 1803-334-999 (Roche 5213)
☒ which was filed on February 28, 2002, Application No. 10/070,343

and WHEREAS, Roche Molecular Systems, Inc., 1145 Atlantic Avenue, Alameda, California 94501, 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.

Date July 9, 2002

Urban Schnell
URBAN SCHNELL

Date July 9, 2002

Witness 7 Regt. line

Date July 9, 2002

Witness the other

Date July 1, 2002

Olivier Elsenhans
OLIVIER ELSENHANS

Date July 2, 2002

Witness P. Kepp

Date July 2, 2002

Witness P. Bräuer

Date 5.7.02, 2002

THOMAS CARATSCH

Date 5.7.02, 2002

Witness

Date 5.7.02, 2002

Witness

Date 3. July 02, 2002

LUKAS BIRRER

Date July 3, 2002, 2002

Witness

Date July 3, 2002, 2002

Witness

Date 2 July 2, 2002

EMAD SAROFIM

Date July, 2, 2002

Witness

Date July 2, 2002

Witness