Form PTO-1595 Page 1 of 2 RE		9-2001 40832	el -+	IMENT OF COMMERCE Trademark Office	
2.12. Ul	PATENTS				
CASE 20402					
To the Honorable Commissioner of Pate original documents or copy thereof.	nts and Tra	demarks: P	lease 1	record the attach	ed
 Name of conveying party(ies): 	2.	Name and a	ddress	of receiving par	ty(ies):
1) Thilo Enderle		Name:F	.HOFFM	ANN-LA ROCHE AG	
 2) Christof Fattinger 3) Gerhard Flury 4) Hans-Peter Hirt 5) Rene Rietmann 6) Hansjorg Tschirky 		Internal A	ddress	A SWISS COMPAN	Y
Additional name(s) of conveying party(ies) attached? Yes <u>X</u> No					
3. Nature of conveyance:					
XX Assignment Merger Security Agreement Change o	f Name	Street Add	ress:	124 GRENZACHERST CH-4070	RASSE,
Other		Country:	BASEL,	SWITZERLAND	
Execution Date: NOVEMBER 2, 2000 2) OCTOBER 27, 2000 3) NOVEMBER 3, 2000		Additional Yes		s) & address(es) -	attached:
 Application number(s) or patent nu If this document is being filed to the application is: 		a new app]	licatio:	n, the execution	date of
A. Patent Application No.(s)	в.	Patent No).(s)		
USSN 09/708,147 FILE	ED: NOVEMBER	2 08, 2000			
Additional nu	mbers attac	hed? Ye	es <u>X</u>	No	
16/2001 DBYSHE GOODOI41 OBE528 07708147 46.00 CH					
				PATENT	

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5.	Name and address of party to whom a correspondence concerning document should be mailed:	5. Tc	otal number of applications and patents involved: ONE			
	Name: GEORGE W. JOHNSTON					
	Internal Address:		7. Total fee (37 CFR 3.41)\$ 40.00			
	HOFFMANN-LA ROCHE INC. PATENT LAW DEPARTMENT		X Authorized to be charged to deposit account X Authorized any deficiencies to be charged to deposit account			
	Street address: 340 KINGSLAND STREET		8. Deposit account number: 08-2525			
	City: <u>NUTLEY</u> State: <u>NJ</u> Zip: <u>07110</u>					
	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.

JOHN P. PAR	ISE	A A	FEBRUARY 8, 2001
Name of Person Si	gning	Signature	Date
CONTACT : TELEPHONE : FAX :	Lou Ann Donatoni (973) 235-4389 (973) 235-2363		

Total number of pages including cover sheet, attachments and document: 4

54281

<u>Assignment</u>

WHEREAS, I/WE

Thilo Enderle, Christof Fattinger, Gerhard Flury,

Hans-Peter Hirt, Rene Rietmann, Hansjörg Tschirky

the ASSIGNOR(S), have invented certain new and useful improvements in

MICRODISPENSING SYSTEM FOR THE OPEN-JET DISPENSING OF LIQUIDS

which are described and claimed in application for United States Letters Patent in respect of which a

Declaration and Power of Attorney was executed by Thilo Enderle on November 2, 2000,

Christof Fattinger on October 27, 2000, Gerhard Flury on November 3, 2000,

Hans-Peter Hirt on November 2, 2000, Rene Rietmann on November 2, 2000,

Hansjörg Tschirky on November 2, 2000,

which application is based upon the following foreign application(s)

in Switzerland on November 9, 1999, under No. 2046/99

NOW, THEREFOR, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations to me (us) in hand paid, the receipt and sufficiency whereof are hereby acknowledged, I/we have sold, assigned and set over, and by these presents do hereby sell, assign and set over unto

F. HOFFMANN-LA ROCHE AG, a Swiss Company of 124 Grenzacherstrasse, CH-4070 Basle (Switzerland) the Assignee

and the said Assignee's legal representatives, successors and assigns, the entire right, title and interest, in and to the said invention within the United States of America and its territories and possessions, and in and to said application and the Letters Patent of the United States of America that may be granted therefor, together with the right to extend the protection thereof to the various territories and possessions now owned or which may be acquired hereafter by the United States of America; and I/we do hereby request and authorize the Commissioner of Patents to issue said Letters Patent to the above-mentioned Assignee agreeably with the terms of this assignment.

UPON SAID CONSIDERATION, I/we do hereby covenant and agree with the said Assignee that I/we will not execute any writing or do any act whatsoever conflicting with these presents, and that I/we will at any time upon request without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States of America on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents, and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, this Assignment has been executed by the Assignor(s)

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Milo Eulerle	at Basel, Switzerland, on	No. 2, 2000
Thilo Enderle Chistof Fattings		Oct 27, 2000
Gerhard Flury	at Basel, Switzerland, on	Nov. 3. 2000
Hans-Peter Hirt	at Basel, Switzerland, on	Nov 2. 2000
	at Basel, Switzerland, on	l'ai. 2 2000
Rene Rietmann Annörg Each Hansjörg Tschirky	at Basel, Switzerland, on	Nov. 2. 2000

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RECORDED: 02/12/2001