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U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

HEET			
102956782			
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.		
Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)		
Martin Bolli (02/13/2004), Christoph Boss (02/13/2004), Martine Clozel (02/13/2004), Walter	Name: ACTELION PHARMACEUTICALS, LTD.		
Fischli (02/13/2004),	Internal Address:		
Execution Dates: in parentheses after inventor name Additional name(s) of conveying party(ies) attached? X Yes No	Street Address:		
3. Nature of Conveyance:	Innovation Center		
X Assignment Merger	Gewerbestrasse 16		
Security Agreement Change of Name	City: Aschwil		
Government Interest Assignment	State:		
Executive Order 9424, Confirmatory License	Country: Switzerland Zip: CH-4123		
Other	Additional name(s) & address(es) Yes X No attached:		
4. Application or patent number(s): A. Patent Application No.(s) 10/486,602	his document is being filed together with a new application. B. Patent No.(s)		
Additional numbers attached? Yes X No			
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: Charles E. Miller DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address: Atty. Dkt.: A0345.0001 Street Address: 1177 Avenue of the Americas	X Authorized to be charged by credit card		
41st Floor	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)		
City: New York	G. Daymont Information		
State: NY Zip: 10036-2714	8. Payment Information: a. Credit Card Last 4 Numbers 1002		
Phone Number: (212) 835-1430	Expiration Date 02/28/06		
Fax Number: (212) 997-9880	b. Deposit Account Number		
Email Address: MillerCharles@dsmo.com	Authorized User Name		
9. Signature.			
Cignatura	September 27, 2004		
Signature Charles E. Miller - 24,576	Total number of pages including cover		
Name of Person Signing sheet, attachments, and documents:			

PATENT REEL: 016338 FRAME: 0058

Form PTO-1595 (continued)			
Additional Conve	ying Party(ies)/Exec	ution Date(s) (1. Continued):	
Thomas Weller (02/1	3/2004), and Judith Mar	furt (02/13/2004)	
Additional Assign	ees (2. Continued):		
Internal Address: Street Address:			
City:	State:	Country:	Zip:
Assignee Name: Internal Address: Street Address:			
City:	State:	Country:	Zip:
Assignee Name: Internal Address: Street Address:			
City:	State:	Country:	Zip:
Additional Applications and/or Patents (4. Continued):			
Additional Patent Applicat 4A. Continued:		Additional Patent Numbers 4B. Continued:	
	Additional numbers	attached? Yes No	

PATENT REEL: 016338 FRAME: 0059

WHEREAS, We, Martin BOLLI, a citizen of Switzerland, residing at Baselmattweg 141, CH-4123 Allschwil, Switzerland; Christoph BOSS, a citizen of Switzerland, residing at Muesmattweg 98, CH-4123 Allschwil, Switzerland; Martine CLOZEL, a citizen of France, residing at Winterhalde 3b, CH-4102 Binningen, Switzerland; Walter FISCHLI, a citizen of Switzerland, residing at Obertorweg 64, CH-4123 Allschwil, Switzerland; Thomas WELLER, a citizen of Switzerland, residing at Hoelzlistrasse 58, CH-4102 Binningen, Switzerland; and Judit MARFURT, a citizen of Switerzland, residing at Rohrhagstrasse 4, CH-4104 Oberwil, Switzerland, as Assignors, having invented certain new and useful improvements in NOVEL BENZO-FUSED HETEROCYCLES for which an application for United States Letters Patent has been executed on even date herewith; and

WHEREAS, Actelion Pharmaceuticals Ltd., a Swiss corporation having a place of business at Gewerbestrasse 16, CH-4123 Allschwil, Switzerland, as Assignee, is desirous of acquiring all right, title and interest in and to said invention and any patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors, hereby sell, assign and set over to Assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents is hereby authorized and requested to issue any patent on said invention or resulting therefrom to Assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for patent on said invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all facts known to the undersigned respecting said invention, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist Assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by Assignee.

Date: 13.2.2004	Markin Bohi
	Martin BOLLI
Date: 13.2.2004	Chrisloph Boss
	Christoph BOSS
Date: 13.2.2004	gartine Glorel
	/ Martine CLOZEL
Date: 13.2.04	ser iscai
	Walter FISCHILI
Date: 13.2.2001	Myrings Well
	Thomas WELLER
Date: 13.07.2004	Ind J
	Judit MARFURT

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PATENT REEL: 016338 FRAME: 0060