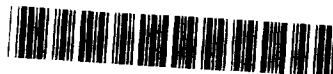


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TO THE HON. COMMISSIONER OF PATENTS & TRADEMARKS: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPIES THEREOF.

<p>1. NAME AND ADDRESS OF CONVEYING PARTY</p> <p>Biogen, Inc. 14 Cambridge Center Cambridge, Massachusetts 02142</p> <p>(Massachusetts Corporation)</p> <p>Additional names of conveying parties attached? No.</p>	<p>2. NAME AND ADDRESS OF RECEIVING PARTY</p> <p>The Medicines Company One Cambridge Center Cambridge, Massachusetts 02142</p> <p>(Delaware Corporation)</p> <p>Additional names of receiving parties attached? No.</p>
<p>3. NATURE OF CONVEYANCE:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p>Execution Date: <u>March 21, 1997</u></p>	<p>If assignee is not domiciled in the United States, a designation of domestic representative is attached.</p>
<p>4. APPLICATION OR REGISTRATION NUMBER(S)</p> <p>A. Trademark Application Nos.</p> <p>Additional numbers attached? No.</p>	<p>B. Trademark Registration Nos.</p> <p><u>1,843,444</u></p> <p>Additional numbers attached? No.</p>
<p>5. NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE CONCERNING DOCUMENT SHOULD BE MAILED:</p> <p>TIMOTHY H. HIEBERT SAMUELS, GAUTHIER & STEVENS, LLP 225 FRANKLIN STREET, SUITE 3300 BOSTON, MA 02110</p>	<p>6. TOTAL NUMBER OF APPLICATIONS AND REGISTRATIONS INVOLVED: <u>1</u></p> <p>7. TOTAL FEE DUE: \$ <u>40.00</u> (Check enclosed)</p> <p>If any additional fee(s) are due, the Commissioner is hereby authorized to charge the Deposit Account identified in item 8.</p> <p>8. DEPOSIT ACCOUNT NUMBER: <u>19-0079</u></p>

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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.

Timothy H. Hiebert
Name of Person Signing

Signature

August 31, 2000 10. Total pages: 3
Signature Date


ASSIGNMENT

WHEREAS, Biogen, Inc., a Massachusetts corporation located at 14 Cambridge Center, Cambridge, Massachusetts 02142, ("Assignor"), is the owner of the HIRULOG mark for pharmaceutical products, and of the registrations for that mark shown in the attached Exhibit A;

WHEREAS, The Medicines Company, a Delaware corporation located at One Cambridge Center, Cambridge, Massachusetts 02142 ("Assignee"), wishes to acquire said mark together with the goodwill associated therewith, and any and all registrations and applications for registration of said mark.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by Assignor, Assignor hereby assigns to Assignee Assignor's entire right, title and interest in and to the HIRULOG mark, all registrations and applications to register said mark, including the registrations shown in the attached Exhibit A, the right to recover for past infringement of said mark, and the good will associated therewith.

The effective date of this assignment is March 21, 1997.

BIOGEN, INC
By: 
Raymond G. Arner
Chief Intellectual Property Counsel

doc # 5234

<u>Mark</u>	<u>Country</u>	<u>Registration No.</u>
HIRULOG	Australia	Reg. No. 584,274
HIRULOG	Austria	Reg. No. 150,039
HIRULOG	Benelux	Reg. No. 537,092
HIRULOG	Benelux	Reg. No. 801,032
HIRULOG	Canada	Reg. No. 455,738
HIRULOG	Czech Republic	Reg. No. 183,719
HIRULOG	Finland	Reg. No. 133,001
HIRULOG	France	Reg. No. 93/482,809
HIRULOG	Germany	Reg. No. 2,100,663
HIRULOG	Greece	Reg. No. 113,485
HIRULOG	Ireland	Reg. No. 154,518
HIRULOG	Israel	Reg. No. 88,365
HIRULOG	Italy	Reg. No. 661,732
HIRULOG	Japan	Reg. No. 3,186,291
HIRULOG	New Zealand	Reg. No. 220,589
HIRULOG	Norway	Reg. No. 166,045
HIRULOG	Slovak Rep.	Reg. No. 177,987
HIRULOG	So. Korea	Reg. No. 301,771
HIRULOG	Spain	Reg. No. 1,752,139
HIRULOG	Sweden	Reg. No. 258,041
HIRULOG	Switzerland	Reg. No. 408,416
HIRULOG	United Kingdom	Reg. No. 1,542,674
HIRULOG	USA	Reg. No. 1,843,444

- Exhibit A -