

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jing-Shan HU</td> <td>05/26/1998</td> </tr> <tr> <td>Craig A. ROSEN</td> <td>05/28/1998</td> </tr> <tr> <td>Liang CAO</td> <td>05/25/1998</td> </tr> </tbody> </table>		Name	Execution Date	Jing-Shan HU	05/26/1998	Craig A. ROSEN	05/28/1998	Liang CAO	05/25/1998
Name	Execution Date								
Jing-Shan HU	05/26/1998								
Craig A. ROSEN	05/28/1998								
Liang CAO	05/25/1998								
RECEIVING PARTY DATA									
Name:	Human Genome Sciences, Inc.								
Street Address:	9410 Key West Avenue								
City:	Rockville								
State/Country:	MARYLAND								
Postal Code:	20850								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>09935726</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	09935726				
Property Type	Number								
Application Number:	09935726								
CORRESPONDENCE DATA									
Fax Number:	(202)371-2540								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(202) 371-2600								
Email:	lbrandes@skgf.com								
Correspondent Name:	Sterne, Kessler, Goldstein & Fox P.L.L.C								
Address Line 1:	1100 New York Avenue								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005								
ATTORNEY DOCKET NUMBER:	1488.1000000/HCC/LMB								
NAME OF SUBMITTER:	Lori M. Brandes								
Total Attachments: 2 source=1488100000Oassgn#page1.tif source=1488100000Oassgn#page2.tif									

OP \$40.00 09935726

PATENT

500081074

REEL: 017220 FRAME: 0082

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: Jing-Shan HU, Craig A. ROSEN, and Liang CAO, the undersigned hereby sell(s) and assign(s) to Human Genome Sciences, Inc. (the Assignee) his/her entire right, title and interest

check applicable box(es) for the United States of America (as defined in 35 U.S.C. § 100),
 and throughout the world,

in the invention(s) known as Vascular Endothelial Growth Factor 2 for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 5/25 & 28/98 (also known as United States Application No. 09/042,105, filed March 13, 1998), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including the right to collect for all past, present and future damages, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Robert H. Benson, Esquire, Registration No. 30,446; A. Anders Brookes, Esquire, Registration No. 36,373 ; Kenley K. Hoover, Registration No. 40,302; and James H. Davis, Registration No. 40,582, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date: 5/25/98 Signature of Inventor: Jing-Shan HU
Date: 5/28/98 Signature of Inventor: Craig A. ROSEN
Date: May 25, 1998 Signature of Inventor: Liang CAO

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: Jing-Shan HU, Craig A. ROSEN, and Liang CAO, the undersigned hereby sell(s) and assign(s) to Human Genome Sciences, Inc. (the Assignee) his/her entire right, title and interest

check applicable box(es) for the United States of America (as defined in 35 U.S.C. § 100),
 and throughout the world,

in the invention(s) known as Vascular Endothelial Growth Factor 2 for which application(s) for patent in the United States of America has (have) been executed by the undersigned on ✓ 5/26/98 (also known as United States Application No. 09/042,105, filed March 13, 1998), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including the right to collect for all past, present and future damages, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Robert H. Benson, Esquire, Registration No. 30,446; A. Anders Brookes, Esquire, Registration No. 36,373 ; Kenley K. Hoover, Registration No. 40,302; and James H. Davis, Registration No. 40,582, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date: ✓ 5/26/98 Signature of Inventor: ✓ [Signature] HU
Jing-Shan HU

Date: ✓ Signature of Inventor: ✓
Craig A. ROSEN

Date: ✓ Signature of Inventor: ✓
Liang CAO