Form PTO-1595 6-93 10-14-98	PATEN	U.S. Department of ORM COVER SHEET
To the Honorable Commissioner of Pater	nts and Trademarks. Please record	the attached original documents or copy thereof
1. Name of conveying party(ies	3):	2. Name and address of receiving party(ies):
The Institute for Genomic Research		Name: Human Genome Sciences, Inc.
		Street Address: 9410 Key West Avenue
Additional name(s) of conveying party(i	es) attached? 🗆 yes 🛛 no	City: Rockville State: MD Zip Code: 20850
3. Nature of Conveyance:		Country: USA
	-	Additional name(s) & address(es) attached?  yes
Execution Date(s): June 16, 1	998	
4. Application number(s) or particular	tent number(s):	<u></u>
		ation, the execution date of the application is
	0	
A. Patent Application No(s).	09/044,856	B. Patent No(s).
Additiona	al numbers attached?	⊃yes ⊠no
Additiona 5. Name and address of party to concerning document should	whom correspondence	
5. Name and address of party to	whom correspondence be mailed:	
<ol> <li>Name and address of party to concerning document should Name: Sterne, Kessler, Golds</li> </ol>	whom correspondence be mailed: tein & Fox P.L.L.C.	6. Total number of applications and patents involv
<ol> <li>Name and address of party to concerning document should</li> </ol>	whom correspondence be mailed: tein & Fox P.L.L.C.	<ul> <li>6. Total number of applications and patents involve</li> <li>1</li> <li>7. Total fee (37 C.F.R. § 3.41)\$<u>40.00</u></li> <li></li></ul>
<ol> <li>Name and address of party to concerning document should Name: Sterne, Kessler, Goldst Internal Address: c/o Eric K. St</li> </ol>	whom correspondence be mailed: tein & Fox P.L.L.C.	<ul> <li>6. Total number of applications and patents involve</li> <li>1</li> <li>7. Total fee (37 C.F.R. § 3.41)\$<u>40.00</u></li> <li></li></ul>
<ol> <li>Name and address of party to concerning document should Name: Sterne, Kessler, Golds Internal Address: c/o Eric K. S Street Address: 1100 New Y</li> </ol>	whom correspondence be mailed: tein & Fox P.L.L.C. teffe York Ave., N.W.	<ul> <li>6. Total number of applications and patents involve</li> <li>1</li> <li>7. Total fee (37 C.F.R. § 3.41)\$ 40.00</li> <li></li></ul>
<ol> <li>Name and address of party to concerning document should Name: Sterne, Kessler, Golds Internal Address: c/o Eric K. S Street Address: 1100 New Y Suite 600</li> </ol>	whom correspondence be mailed: tein & Fox P.L.L.C. teffe 'ork Ave., N.W. Zip Code: 20005-3934	<ul> <li>6. Total number of applications and patents involve</li> <li>1</li> <li>7. Total fee (37 C.F.R. § 3.41)\$ 40.00</li> <li></li></ul>
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<ul> <li>5. Name and address of party to concerning document should Name: Sterne, Kessler, Golds: Internal Address: c/o Eric K. S</li> <li>Street Address: 1100 New Y Suite 600</li> <li>City: Washington State: D.C.</li> <li>9. Statement and signature.</li> </ul>	whom correspondence be mailed: tein & Fox P.L.L.C. teffe fork Ave., N.W. Zip Code: 20005-3934 DO NOT 1	<ul> <li>6. Total number of applications and patents involve</li> <li>1</li> <li>7. Total fee (37 C.F.R. § 3.41)\$<u>40.00</u></li> <li></li></ul>
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## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration, receipt of which is hereby acknowledged, The Institute for Genomic Research (the "Assignor") hereby sells and assigns to Human Genome Sciences, Inc. (the "Assignee") its entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), and throughout the world, in the invention(s) known as Human Chemotactic Protein described and claimed in United States Application No. 09/044.856, filed March 20, 1998, in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all continuing applications, reissues, extensions, renewals and reexaminations of such applications or Letters Patent(s) to the full end of the term or terms for which such Letters Patent(s) issue, including the right to sue for and collect for all past, present and future damages, such entire right, title and interest to be held and enjoyed by the abovenamed Assignee to the same extent as they would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The Assignor agrees 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 Assignor agrees 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 Assignor agrees to perform all affirmative acts that may be necessary to obtain a grant of a valid United States patent to the Assignee.

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

The Assignor hereby grants 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; Michael Q. Lee, Esquire, Registration No. 35,239; Robert H. Benson, Registration No. 30,446; A. Anders Brookes, 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 Assignor on the date set forth below.

THE INSTITUTE FOR GENOMIC RESEARCH

Jeane M. Claire M. Fraser, Ph. D. [Type/Print Name] Vice-President for Research

Title:

By:

6/16/98 Date:

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> PATENT REEL: 9518 FRAME: 0923

**RECORDED: 10/14/1998**