

06-04-1998



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Form PTO-1595
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying parties:</p> <p>Carol J. Bult Owen R. White J. Craig Venter</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>	<p>2. Name and address of receiving parties:</p> <p>Name: The Institute for Genomic Research Street Address: 9172 Medical Center Drive City: Rockville State: Maryland Zip Code: 20850 Country: United States</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Dates: January 24, 1998, March 3, 1998 and May 21, 1998.</p>	

4. Application number: 08/916,421

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No(s).	B. Patent No(s).
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Additional numbers attached? yes no

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.</p> <p>Internal Address: c/o</p> <p>Street Address: 1100 New York Ave., N.W. Suite 600</p> <p>City: Washington State: D.C. Zip Code: 20005-3934</p>	<p>6. Total number of applications and patents involved <u>1</u></p> <p>7. Total fee (37 C.F.R. § 3.41).....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit Account Number: 19-0036</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.

<p><u>Eric K. Steffe</u> Name of Person Signing Registration No. 36,688</p>	 Signature	<p>_____ Date</p>
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Total number of pages including cover sheet, attachments and document _____

OMB NO. 0651-0011 (exp 4/94)

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

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: Carol J. Bult, Owen R. White, and J. Craig Venter, the undersigned hereby sell and assign to The Institute for Genomic Research (the Assignee) their 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 Complete Genome Sequence of the Methanogenic Archaeon, *Methanococcus jannaschii* for which application(s) for patent in the United States of America has (have) been executed by the undersigned on (1) 1/24/98 (2) 2/3/98, (3) 5/21/98 (also known as United States Application No. 08/916,421, filed August 22, 1997), 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 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.

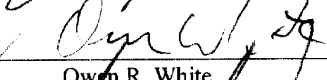
The undersigned agree to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every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

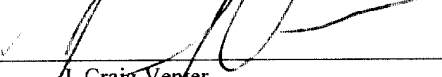
The undersigned hereby represent that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant 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; and Eric K. Steffe, Esquire, Registration No. 36,688, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, and Robert H. Benson, Esquire, Registration No. 30,446, and A. Anders Brookes, Esquire, Registration No. 36,373, of HUMAN GENOME SCIENCES, INC., 9410 Key West Avenue, Rockville, Maryland 20850 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 dates opposite their names.

Date: 1/24 January 1998 Signature of Inventor: 
Carol J. Bult

Date: 1 Mar 3rd 1998 Signature of Inventor: 
Owen R. White

Date: 1 5/21/98 Signature of Inventor: 
J. Craig Venter