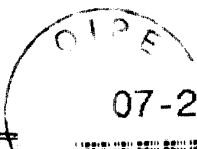


MRD 7-23-98



07-28-1998

Form PTO-1595
6-93



U.S. Department of Commerce
Patent and Trademark Office

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

1. Name of conveying party(ies):

Ali Shitatifard
Joan W. Conaway
Ronald C. Conaway

2. Name and address of receiving party(ies):

Name: Oklahoma Medical Research Foundation
Street Address: 825 N.E. 13th Street
City: Oklahoma City State: OK Zip Code: 73104
Country: USA

Additional name(s) of conveying party(ies) attached? yes no

Additional name(s) & address(es) attached? yes no

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other _____
- Merger
- Change of Name

Execution Date(s): July 1, 1998, May 27 1998 and May 27, 1998

4. Application number(s) or patent number(s) 09/026,343

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).

Additional numbers attached? yes no

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Sterne, Kessler, Goldstein & Fox P.A.L.L.C.**

Internal Address: c/o Eric K. Steffe

Street Address: 1100 New York Ave., N.W.
Suite 600

City: Washington State: D.C. Zip Code: 20005-3934

6. Total number of applications and patents involved

7. Total fee (37 C.F.R. § 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to Deposit Account

8. Deposit Account Number: 19-0036

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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.

Eric K. Steffe
Name of Person Signing
Registration No. 36.688

Signature

July 23, 1998
Date

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

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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: Ali Shilatifard, Joan W. Conaway, and Ronald C. Conaway, the undersigned hereby sell and assign to Oklahoma Medical Research Foundation (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 known as ELL2, A New Member of an ELL Family of RNA Polymerase II Elongation Factors for which application for patent in the United States of America have been executed by the undersigned on July 1, 1998 (also known as United States Application No. 09/026,343, filed February 19, 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 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; and Michael Q. Lee, Esquire, Registration No. 35,239, 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, A. Anders Brookes, Esquire, Registration No. 36,373, Kenley K. Hoover, Esquire, Registration No. 40,302; and James H. Davis, Esquire, Registration No. 40,582, 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: July 1, 1998 Signature of Inventor: [Signature]
Ali Shilatifard
Date: _____ Signature of Inventor: _____
Joan W. Conaway
Date: _____ Signature of Inventor: _____
Ronald C. Conaway
Date: _____ Signature of Inventor: _____

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ASSIGNMENT

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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 known as ELL2, A New Member of an ELL Family of RNA Polymerase II Elongation Factors for which application for patent in the United States of America have been executed by the undersigned on May 27, 1998 (also known as United States Application No. 09/026,343, filed February 19, 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.

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IN WITNESS WHEREOF, executed by the undersigned on the dates opposite their names.

Date: _____ Signature of Inventor: _____
Date: May 27, 1998 Signature of Inventor: Ali Shilatifard
Date: 5/27, 1998 Signature of Inventor: Joan W. Conaway
Date: _____ Signature of Inventor: Ronald C. Conaway

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