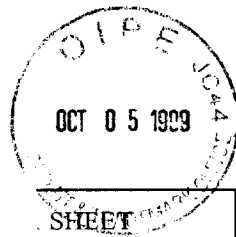


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PATENT
Attorney Docket No.: LBL-03797

Form PTO-1595	10-12-1999	U.S. Department of Commerce Patent and Trademark Office
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Y

To the Honorable Commission **101166779** 1 the attached original documents or copy thereof.

1. Name of conveying party(ies): Deborah H. Charych Sept. 15, 1999 Ulrich Jonas Sept. 2, 1999 Additional name(s) of conveying party(ies) attached? No	2. Name and address of receiving party(ies): The Regents of The University of California 1111 Franklin Street, Fifth Floor Oakland, California 94607-5200 Additional name(s) & address(es) attached? No
--	---

3. Nature of conveyance:

Assignment

Execution Date: **SEE ABOVE**

4. Title of Invention: **NUCLEIC ACID-COUPLED COLORIMETRIC ANALYTE DETECTORS**
Application number(s) or patent number(s):

A. Patent Application No.(s): 09/337,973	B. Patent No.(s):
--	-------------------

Additional numbers attached? No

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

Kamrin T. MacKnight
MEDLEN & CARROLL, LLP
220 Montgomery Street, Suite 2200
San Francisco, California 94104

6. Total number of applications and patents involved: **1**

7. Total fee(s):

Check(s) in the amount of **\$160.00** enclosed (\$40.00 for recordation, \$65.00 for filing missing parts and \$55.00 for one month extension of time).

8. Deposit Account Authorization:

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. **08-1290**. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

(10-06 1999 0117 4 0000000 0320 0713)
NO RECEIPT 40.00 0

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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.

Date: October 1, 1999 Signature:

Name: David A. Casimir
Reg. No.: 42,395

Total number of pages including cover sheet, attachments, and document: **4**

ASSIGNMENT

LBNL Case No. **IB-1391**

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S)

- 1. **Deborah Charych**
- 2. **Ulrich Jonas**

hereby sells, assign(s) and transfer(s) to ASSIGNEE, The Regents of The University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12TH Floor, Oakland, CA 94607-5200 and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

NUCLEIC ACID-COUPLED COLORIMETRIC ANALYTE DETECTORS

and which is found in

- (a) U.S. _____ patent application executed on _____ entitled as above and listing the above named persons as inventors
- (b) U.S. application serial no. **09/337,973** filed on 6/21/99
- (c) U.S. Patent No.: _____, issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may necessary or desirable to carry out the purposes thereof. Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

Executed this:

Signature of Inventor(s)

_____ day of _____, 19____

02 day of September, 1999

Deborah Charych

Ulrich Jonas

Rev. 7-99
mp

ASSIGNMENT

LBNL Case No. **IB-1391**

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NUCLEIC ACID-COUPLED COLORIMETRIC ANALYTE DETECTORS

and which is found in

- (a) U.S. _____ patent application executed on _____ entitled as above and listing the above named persons as inventors
- (b) U.S. application serial no. **09/337,973** filed on 6/21/99
- (c) U.S. Patent No.: _____, issued _____

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AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

Executed this:

Signature of Inventor(s)

13 day of September, 1999
 _____ day of _____, 19____

D. Charych

Deborah Charych

Ulrich Jonas

Rev. 7-99
mp