PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6318280

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|--|
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |

CONVEYING PARTY DATA

| Name | Execution Date |
|--|----------------|
| UNIVERSITY OF CALIFORNIA SYS OFFICE/PRES | 07/02/1996 |

RECEIVING PARTY DATA

| Name: | UNITED STATES DEPARTMENT OF ENERGY | |
|-----------------|------------------------------------|--|
| Street Address: | 1000 INDEPENDENCE AVE. S.W. | |
| City: | WASHINGTON | |
| State/Country: | D.C. | |
| Postal Code: | 20585 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 08477316 |

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| ATTORNEY DOCKET NUMBER: | 08/477,316 PSL |
|-------------------------|----------------|
| NAME OF SUBMITTER: | PAULA S LEON |
| SIGNATURE: | /Paula S Leon/ |
| DATE SIGNED: | 09/25/2020 |

Total Attachments: 1

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PATENT REEL: 053890 FRAME: 0764

506271533

9C Case #: 95-310-4

CONFIRMATORY LICENSE

Titls: Chromosume-Specific Staining to Detect Genetic Rearrangements

Inventor: Jos W. Gray, Daniel Pinkel, Olli-Pekka Kallioneimi, Anne Kallioneimi. Massru Sakamoto

Serial No.:08/477,316

Filing Date (0.S.): 6/7/93

Contractor: The University of California

DOE Contract No.: W-7405-ESG-48

DOE Case No.: S-85,398 (RL-13417)

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries): No

The invention identified above is a "subject invention" under the Patent Rights clause included in the above-identified contract with the Department of Energy. Contractor, having the right to retain title to "subject inventions" as a result of Public law 96-517, has reported the invention to the Department of Energy with its election to retain title thereto.

Accordingly, this document is confirmatory of the paid-up license greated to the Government under this contract in this invention, patent application, and any resulting patent, and of all other rights acquired by the Government by the referenced clause, a copy of which is attached hereto and incorporated by reference

The Sovernment is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 2^{2} day of $\frac{1}{2}$ On behalf of the

Regents, of the University of Cal

Loursetor's Rames

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Attachment Fatent Rights Clause

PATENT REEL: 053890 FRAME: 0765

RECORDED: 09/25/2020