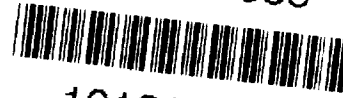


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CONFIRMATORY LICENSE

Application for: CUSTOMIZED OLIGONUCLEOTIDE MICROCHIPS THAT CONVERT
MULTIPLE GENETIC INFORMATION TO SIMPLE PATTERNS, ARE
PORTABLE AND REUSABLE

Inventors: Andrei Mirzabekov, Valentine Chik, Alexander Fotin, Dmitry Y. Guschin,
Gennadiy Yershov, and Yuri Lysov

Serial No.: 09/261,115

Filing Date: March 3, 1999

Contract No.: W-31-109-ENG-38

Contractor: The University of Chicago

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract (certified on February 8, 1996) governing patent rights in the Subject Invention at the time the invention was made has been submitted to the U.S. Department of Energy.

The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 16th day of November, 1999

THE UNIVERSITY OF CHICAGO (Contractor)

By:


James R. LaFevers, Deputy to Vice President for
Argonne National Laboratory