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U.S. Department of Commerce Patent and Trademark Office PATENT

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Correspondent Name and Address	Area Code and Telephone Number	630-252-2393
Name Robert J. Fisher		
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REEL: 010771 FRAME: 0795

DOE Docket No.: S-90.566

CONFIRMATORY LICENSE

Application for: Chemochromic Sensor for Rapid Biohydrogen Phenotypic Screening

Inventor(s): Michael Seibert, David K. Benson and Timothy M. Flynn

Serial No.: 09/316,172 May 21, 1999 Filing Date:

DE-AC36-99GO10337 Contract No.: Contractor: Midwest Research Institute

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract 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 17th day of April, 1999, 88

Senior Counsel

National Renewable Energy Laboratory 1617 Cole Blvd. Golden, CO 80401

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