FORM F10-1619A Excres 06/30/99 OMB 0651-0027



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PATENT

REEL: 010411 FRAME: 0283



DOE Docket No.: S-92,239

Application for: Aquaous Fractionation of Biomass Based on Novel Carbohydrate Hydrolysis

Kinetics

Inventor(s): Robert W. Torget

Serial No.: 09/292,770 Filing Date: April 14, 1999

Contract No.: DE-AC36-99GO10337

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.

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Signed this 4th day of November, 1999.

Ken Riehardson

Assistant Chief Patent Counsel

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

RECORDED: 11/29/1999

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