

**DECLARATION OF DAVID A. ROCKSTRAW, PH.D., P.E.**

**UNITED STATES PATENT NO. 8,962,059**

HYDRITE EXHIBIT 1005

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I, David A. Rockstraw, declare:

**I. Qualifications and Professional Experience**

1. I am the Robert Davis Distinguished Professor, a New Mexico State University Distinguished Achievement Professor, and Academic Department Head of Chemical & Materials Engineering at New Mexico State University (“NMSU”).
2. I completed a B.S. in chemical engineering at Purdue University in 1986, followed by a Ph. D. in chemical engineering at The University of Oklahoma in 1989.
3. I have over 25 years of experience in the chemical arts including experience with chemical separation technologies.
4. I have specific experience in ethanol manufacture, which began in the summer of 1986 at which time my employ with Kraft, Inc. sent me to Melrose, MN, where I was assigned the task of collecting material and energy balance data from an ethanol production facility using a feedstock from cheese processing. I have continued to study ethanol manufacture as a member of the NMSU faculty, using corn ethanol as the basis for the 2004 design problem of my senior class in process design, analysis, and simulation. I directed laboratory research in 2013 for producing transgenic

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