



FAR WEST  
enterprises

Your  
Public Relations  
Navigator



## **EKSTAM ANNOUNCES NEW U.S. PATENT - 6/15/2004**

For Release: June 15, 2004

Contact: Dora Serrano  
5400 Business 50 W, Ste. 8  
(573) 635-0555

Or: Jim Muench  
Far West Enterprises  
(573) 499-4897

### **EKSTAM ANNOUNCES NEW U.S. PATENT**

COLUMBIA, Mo. – The Fuel Preparator<sup>®</sup>, a new environmental technology that may revolutionize diesel engines and decrease pollution around the world, has received a new United States patent, officials at Ekstam Worldwide Inc. announced today.

The leader in air and vapor elimination from industrial fluids, Ekstam Worldwide also has filed for patents in other countries. Developed in mid-Missouri, the Fuel Preparator<sup>®</sup> is a fuel supply system that, when added to a diesel engine, removes air and vapor from the fuel supply. Removing the air vapor increases diesel engine efficiency by 8 percent or more, saving the operator money in fuel costs and substantially reducing harmful exhaust emissions.

“Our company is thrilled to receive this patent; we have worked toward this milestone for years,” said Charles L. Ekstam, who invented the technology. “Ekstam Worldwide offers a wonderful product that has the potential to change the diesel industry from top to bottom. It’s great to see it get the recognition it deserves.”

Charles L. Ekstam applied for the new U.S. patent in 2001. Ekstam Worldwide is based in Jefferson City, and its manufacturer is Knernshield Manufacturing Co. in Columbia. Ekstam offers a full line of Preparator<sup>®</sup> products for diesel vehicles, including light and heavy trucks, construction equipment, forklifts, locomotives and tugboats.

The Fuel Preparator<sup>®</sup> technology has been fully tested in laboratories at the University of Illinois, West Virginia University and the Milwaukee School of Engineering, along with mining corporations and a number of trucking companies. The Metropolitan Health Department of Nashville, Tenn., documented reductions in hydrocarbons ranging between 22 and 77 percent and a reduction of NO<sub>x</sub> gases by as much as 46 percent.

The company’s Fuel Preparator<sup>®</sup> 80, known as the “Air Dog,” built for small diesel engine automobiles, made its debut May 15 on the Speed Channel program, “Two Guys Garage.”

An ISO-9001 quality manufactured product, the Fuel Preparator<sup>®</sup> has been approved for sale in all

50 states, including California, where it was approved for sale and use by the California Air Resources Board.

Ekstam Worldwide is the sole international licensee of the Fuel Preparator<sup>®</sup> product line, which includes the “Air Dog” FP80, for diesel automobiles; the FP135, for bulldozers, construction equipment and generators; the FP135A, for Class A Trucks; the FP450 and FP 650 for larger diesel engines in power plants and on tugboats and locomotives; and other products.

###

