



"I'm removing the labels! It might hurt his feelings if he knew he was only getting dog food!"

Dry Cell Battery Important Item In Space Development

By HENRY J. BECHTOLD
UPI Financial Editor

NEW YORK (UPI)—Space age demands have created a countless number of new products, but there also is a rather old product that has found new life in this electronic era.

The universally practical dry battery, a challenge to inventors since its creation in 1800 by Alessandro Volta, has been rediscovered by space scientists and design engineers.

Like their predecessors, modern day Marconis and Edisons have found that the range of useful and novel new products which can be powered by portable dry cells is virtually unlimited.

New and widespread attention has been focused on the adaptable dry battery in the course of accelerated programs by industry to produce new consumer products and instruments which carry their electrical power supply. And numerous defense agencies are turning to dry battery power for many space projects.

Growing Uses
Burgess Battery Co. reports that its design consulting service to scientists and industrial designers assists in the development of hundreds of new battery-powered devices each year.

Most familiar among the numerous inventions operated by dry batteries are the flashlights, penlights, lanterns, toys, games and photoflash units. And highly compact transistor activator dry batteries operate more than 1,000 different portable radio models. Also relying on dry battery power are hearing aids, portable TV sets and tiny recorders.

Aiding science are such battery operated wonders as portable telemetering units, balloon-borne radios and cosmic ray counters which collect high altitude weather data. A portable electrocardiograph machine has proved highly successful in the field of medicine.

The latest air-sea rescue equipment, and sonobuoys—floating submarine detection units—utilize a whole new branch of reserve

type dry cells which activate when immersed in water.

Scientific progress in dry batteries is moving forward with missile age speed, according to Burgess. Company engineers noted that most of the electrochemical systems in use today have been known in theory for a hundred years, but battery technology has advanced so rapidly that "we produce dry batteries today we could not have made only two years ago."

New Battery Styles
New types of batteries now being produced include rechargeable, sealed nickel cadmium batteries which can provide small convenient-to-use packages of high energy output, making possible a whole new realm of portable devices in the instrument, scientific and recreation fields.

Electrochemical research at Burgess ranges from X-ray diffraction studies of materials for still other new types of cells, to experiments exploring radioactive power for batteries.

Essentially, a dry cell is a non-spillable package of chemicals which converts chemical energy into electrical energy the instant an electrical circuit is completed.

Smallest of the 3,000 dry batteries developed by Burgess weighs only .015 pounds and is the size of a dime. The largest battery developed by the firm was a 275-pound unit the size of a two-foot steel drum. It was created to operate an undersea instrument.



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4-H NEWS

TRIPLE "B" BEEF CLUB

The fourth meeting of the Bonanza Triple "B" Beef Club was called to order by the president, Mark Dearborn. The minutes were read by the secretary, Paul Dearborn.

Old and new business was taken care of. Mrs. Ray Petersen gave a talk on feeding efficiency. Other minute talks were given by Bruce Haskins, Paul Dearborn, Ted Dearborn, Roger Jacob, Jerral Monroe and Fleur Partridge.

A film, "The Herford Story," was shown at the end of the meeting.

The meeting was then adjourned. The next meeting will be held April 24 at the Bonanza High School.

Gary Randall,
News Reporter.

Printer Doesn't Believe It All

GOLDEN, Colo. (AP)—A prospective juror for the Joseph Corbett Jr. murder trial was asked Monday whether he was familiar with the case from newspaper accounts of the slaying of Adolph Coors III.

The juror, C. J. Lamb, replied that he was by virtue of his job as a printer for the Rocky Mountain News in Denver. Lamb added: "I even set some of the stuff in type."

"Do you believe everything you set in type?" asked defense attorney William H. Erickson. "Oh, no," replied Lamb with a wave of the hand.

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