

General Interest to People of Willamette Valley

All-Rubber Battery Is Latest Idea

An all-rubber storage battery is the latest achievement in the development of the electrical system on the modern motor car.

Announcement of this advance was made this week in Cleveland by T. A. Willard, inventor and founder of the battery manufacturing company which bears his name.

In this improved battery, everything is of rubber excepting the plates or grids. The wooden battery box is done away with, and replaced by a hard-rubber case. This change has made possible another important one, for with the wooden box there passes the separate rubber jar heretofore required for each battery cell.

The new case being of rubber, it has been found practicable to mould it with seamless partitions, which eliminate the necessity for gaskets. The term "Monobloc" which has been applied describes the one-piece construction very satisfactorily.

Between the plates, threaded rubber instead of wooden separators are used. This use of rubber, however, is not entirely new, having been started six years ago under Willard patents. It is in the development of the new case and the bringing together of rubber container and rubber separators that the latest important advance has been made.

An all-rubber battery has been the goal of the industry for years. The biggest obstacle was the apparent impossibility of making practical rubber separators. This was due to the fact that no way could be found to provide for the free passage of the battery solution to provide for the free passage of the battery solution between the plates without making holes in the separators so large as to cause trouble.

The use of thousands of tiny threads, which act as wicks, finally overcame this difficulty and paved the way for the all-rubber unit.

The moulded rubber case, besides eliminating the separate battery jar, resist decay and corrosion, in much greater degree than the wooden container, being unaffected by the acid solution or by water. Also, since rubber is a non-conductor, it markedly reduces electrical leakage, which is especially likely to be present with wooden cases in damp weather. It has a tensile strength of 3600 pounds to the square inch and must stand 15,000 volt electrical test. In making this test two wireless transformers capable of sending 1900 miles were used.

In a statement given out by him regarding his most recent contribution to the development of the storage battery, Mr. Willard said that it was the result of an effort to produce a unit that would give as nearly uninterrupted service as possible, and the various parts of which would have not only longer but also more equal life.

"My purpose has been," he continued "to make a battery like the one-horse shay, all parts of which would live to a ripe old age and lay down their different burdens at the same time."

Progress In Film Making Shown In Industrial Reim

While the public has been centering its attention largely upon the development of the feature photo-play, notably progress has been made on another side of the film business—the development of educational and industrial films. From crude beginnings a few years ago, this branch of screen art has advanced to where it is now comparable with the dramatic.

In the opinion of some students in and out of the industry, this forward movement is even more significant than that which has brought the motion picture play from the wild west thrillers of nickelodeon days to the artistic productions of today.

In evidence of the strides which the industrial and educational film is making is the fact that capable feature-play directors are leaving that field to devote their efforts to the other. Among the latest to do this was Arthur Berthelet, who packed up his bag in Hollywood some months ago and boarded a train for Chicago, where he has since been turning out films which haven't required that the final fade out show the usual kissing clinch.

What direction such as Berthelet's is able to accomplish in his new field is shown by a series of four-minute films produced for the Willard Storage Battery company of Cleveland. "It is quite the usual thing," says Berthelet "to say of almost any branch of endeavor which isn't more than a quarter century old that it is just in its infancy, but I believe this applies with more than ordinary force to the industrial and educational side of the films. There are great things ahead in this branch of work, and happily this fact is coming to be recognized."

"Certain of my friends tried to dissuade me from leaving feature play directing, just as a few years ago they argued with me not to leave the stage for the pictures. It wasn't long before most of them saw the bigger opportunity in the films, and it will not be long before they see that there's something in this educational film work they didn't perceive."

Minister Warned to Stop His Crusade

Newport, Ky., Sept. 3.—"Preach the Gospel; quit visiting gambling rooms and disorderly houses."

This warning was received by the Rev. E. R. Overly, of this city, known as the "fighting parson." For several weeks he has been recounting Sunday after Sunday from his pulpit the things he learned in a visit to alleged resorts within a stone's throw of the Campbell county court house.

Despite threats, Overly declares he will continue his crusade until officials take it up. He has invited the men of the church to accompany him on his next tour of inspection.

Minister Warned to Stop His Crusade

Newport, Ky., Sept. 3.—"Preach the Gospel; quit visiting gambling

rooms and disorderly houses."

This warning was received by the Rev. E. R. Overly, of this city, known as the "fighting parson." For several weeks he has been recounting Sunday after Sunday from his pulpit the things he learned in a visit to alleged resorts within a stone's throw of the Campbell county court house.

Despite threats, Overly declares he will continue his crusade until officials take it up. He has invited the men of the church to accompany him on his next tour of inspection.

Silk Stocking Famine Felt in the South

Savannah, Ga., Sept. 3.—With a high demand for only the best, the women of this city are today facing the greatest shortage in silk stockings in local history, according to merchants, who claim strike conditions in the North make it impossible to secure enough silk hose to meet the increasing demand.

Merchants say the women do not care for cotton or Hise thread, but demand full-fashioned silk. They claim the mock fashion hose will not do because of the baggy qualities encountered about the calf.

The shortage particularly applies to white hose. Local women do not favor the half hose, it is claimed.

Cornelia Marvin Slated To Address Librarians' Meet

Spokane, Wash., Sept. 3.—Organization problems and the profession of librarianship occupied the attention today of the Pacific Northwest library association in session here. Among the speakers were Miss Cornelia Marvin of Salem; Miss Lucia Haley of Missoula; Miss Marion Orr, Idaho Falls; Judson Jennings, Seattle, and Miss Anne M. Mulheron of Portland. Miss Rebecca Wright, Seattle, will speak tonight.

Another dredger was put into operation this week on the diking of 7500 acres of Indian marsh lands on upper Klamath lake. Between three and four miles of levees are now up.

Finds Man She Loved Is Girl In Disguise



New York, Sept. 3.—Mary and Johnny were lovers.

For two long years he courted her, and their love, that was pure and simple, filled Mary Haldowanet's cup of joy almost to the brim.

But no quite.

One night she laid her fair Polish head on his handsome shoulder and, looking up into those soft eyes that made all the girls jealous of her, asked of her lover the aged-old question:

"When are we going to get married?"

"Jack Brown's" reply was, alas, that of many another lover.

He parted suddenly from the scene of their innocent bliss, and Mary knew "him" no more.

True, she ran her sweetheart to earth at the family residence in Kingston, N. Y., but it wasn't "him" she says, it was "her."

"Jack" was Carlyn Schimeck, according to Mary, a girl who for years had masqueraded in boy's clothes.

Mary was heartbroken, but decided not to take it lying down. She went to court, suing her erstwhile lover for time wasted, when she might have been landing a real man.

"Jack" she alleges, had fooled her completely during a long courtship and had promised to marry her and even talked about "when we are married." "His" soft face "he" explained by saying he

Quackenbush Moves To New Store Tuesday

With one of the largest supplies of automobile accessories in Salem, the Quackenbush Auto Supplies store will open at its new location, 294 North Commercial street on Tuesday, September 6.

Kelly-Springfield tires will be the heaviest line carried by the concern, but there will also be a full line of accessories of every nature, gas oils and greases included.

Space in the new shop will also be devoted to repairing, retreading and vulcanizing. The old location of the concern was 219 North Commercial.

To Teach Trainmen How to Be Polite

Los Angeles, Sept. 3.—A novelty in railway instruction departments has been inaugurated here with the installation of Miss Nina Martin as a "school marm" for trainmen of the Los Angeles railway. It will be Miss Martin's special duty to give conductors and motormen lessons in courtesy toward patrons of the local street cars.

The courtesy course will also touch on the personal appearance of trainmen, and motormen and conductors will receive lectures from their new teacher on keeping their uniforms tidy and their shoes "stlicked."

Trees Are Sprayed by Airplane Squad

Dayton, Sept. 3.—The possibility of the airplane in assisting crops was demonstrated by McCook field fliers and a French aviator at Orchard Grove, near here, when several planes took up insect-killing liquids and other germicides and sprayed trees.

The experiment was made on a grove of catalpa trees and was watched by a large crowd of farmers. The test was pronounced a great success, and a full report, it is said, will be made to the federal agricultural department.



REGARDLESS OF HOW BADLY INJURED THE RADIATOR MAY BE, LET US INSPECT IT BEFORE ORDERING A NEW ONE—FOR OUR SKILLED, EXPERIENCED RADIATOR SERVICE SAVES TIME AND MONEY. IF THE CORE IS HOPELESS WE ARE STOCKED WITH PROVEN, HIGH GRADE CORES FOR REPLACEMENTS. MODERATE CHARGES. NELSON BROS. 355 CHEMEKETA STREET

We Wish to Announce—

That we will be in our new location
294 NORTH COMMERCIAL STREET

Tuesday, Sept 6th

With a Complete Line of
KELLY SPRINGFIELD
SOLID AND PNEUMATIC TIRES
Accessories, Oils and Greases
Vulcanizing, Retreading and
Tire Repairing of All Kinds

QUACKENBUSH
AUTO SUPPLIES

Phone 66. 294 North Commercial Street

Another Big Drop In FORD CAR Prices

	New Prices	Old Prices
ROADSTERS, with Starter and Demountable Rims	\$555.87	\$602.73
TOURINGS, with starter and Demountable Rims	587.11	649.58
COUPES, with Starter and Demountable Rims	738.08	842.21
SEDANS, with Starter and Demountable Rims	805.77	909.90
TRUCKS, without Starter but with Demountable Rims	572.30	623.54

All Prices Are Salem Delivery

The Greatest Value per Dollar in the Automobile World.

Quantity production alone (as many as all other makes combined) permits this

Third Big Reduction

Better select your model and place your order at once, because the demand at these prices is going to make it difficult to take care of all orders promptly.

Valley Motor Co.

260 North High Street

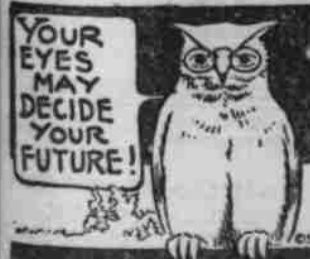
Phone 1995

Original Dreadnaught Sold

London, Sept. 3.—The original battleship Dreadnaught, which revolutionized naval warfare, has been sold at Forney dockyard to a firm of ship-breakers for \$176,000.

The Oregon City council is planning to lease the city hall for a 10-year period at an annual rental of \$150.

DR. O'NEILL'S EYE TALKS



YOUR EYES MAY DECIDE YOUR FUTURE!

THE condition of your eyes may decide your future. Better look after them if they are giving you any trouble at all. If your children's eyes are not perfect it will interfere with their schooling. Let us examine the eyes of any member of your family whose vision is not perfect. It may save a lot of trouble later on.

"Appeal to O'Neill"

DR. C. B. O'NEILL
OPTOMETRIST
LADD & BUSH BANK BLDG.
PHONE 625