

—Dietz on Science—
ALUMINUM MAY SYMBOLIZE NEW ERA IN BUILDING

Engineers Predict Metal Has
Vast Field in
Construction.

BY DAVID DIETZ

Science-Howard Science Editor

Two all-aluminum railroad cars are among the most interesting and most important exhibits in the Hall of Transportation at the Chicago Century of Progress world fair.

One is a combination of coach, parlor and observation car facilities. The other is a combination of sleeping, parlor and observation car. Both are gleaming, inviting works of art. On the day I visited the Hall of Transportation, thermometers were registering a temperature of 100 on the sidewalks of Chicago, and the air-cooled interiors of these two cars were the most comfortable spots on the fairground.

The bodies and trucks of these two cars, with the exception of the springs, axles and wheels, are made entirely of aluminum. This is the first time that this has been accomplished, although aluminum car bodies were fabricated two years ago.

Aid for Railroads

To many engineers, these aluminum cars represent the direction in which the railroads must go to recover their business. In other words, they must make travel by rail so attractive and inviting that tourists will prefer it to their own automobiles.

But in addition, many engineers see more than railroad recovery in those two cars. To them, they are the symbol of the new age, the Age of Aluminum.

Many engineers believe that we now are entering upon a new structural era of aluminum. They believe that just as the last few decades have been distinguished by the use of steel and its alloys, so the coming decades will be marked by an increased use of aluminum and its alloys.

These alloys, of course, get their value from the fact that they combine the lightness of aluminum with great tensile strength.

Once Precious Metal

At the beginning of the century, far-sighted students of science predicted that the day was coming when railroad cars would be built of aluminum. But at that time no one was ready to do it.

Many railroads are beginning to turn their attention to the subject of aluminum rolling stock.

It is interesting to trace the history of aluminum. When first discovered by chemists, it was so difficult to separate the pure metal from its ores that it ranked almost as a precious metal.

A century ago, Wohler, the great German chemist, devised a method by which the metal could be isolated at a cost of \$100 a pound.

Charles M. Hall in 1886, then a 21-year-old student at Oberlin college, solved the problem of obtaining aluminum on a commercial scale. He devised the electrolytic method of separating the metal from its ores.

SHELF MILK DISCOUNT

Large Purchases Provision Is Cut
From Indianapolis Code.

Discount for large purchases by retail dealers was eliminated from the Indianapolis milk code at a meeting of producers and distributors at the Columbia Club Monday night.

This was recommended when the code was submitted to Washington recently.

It was agreed to discontinue "extra" grade milk and substitute "premium" grade, giving the milk shed committee power to determine quality and price.

Lieutenant-Governor M. Clifford Townsend presided at the meeting.

INCOME BLANKS READY

Jackson Prepares to Seek Data
From State Employers.

Collector Clarence Jackson of the state income and sales tax department, today announced that he is preparing blanks to send to all employers in the state in December.

Employers, he pointed out, will be asked to report all employees earning more than \$666.67 from May 1 to Dec. 31, 1933.

**Down Went Her
High Blood Pressure**

Fat Women Often Have High
Blood Pressure.

Fat people who have high blood pressure will be glad to know what Kruschen Salts did for Dorothy Williams of Omaha, Neb.

Here is her letter written Mar. 6, 1932—you ought to read it:

"I have had trouble with my back and high blood pressure, and was always tired and was twenty pounds over weight. I tried two bottles of Kruschen Salts and lost five pounds in one week. The pain has stopped and blood pressure is 20 points down and now I can get around much quicker and feel 100 per cent perfect. Thanks to Kruschen Salts. I will always recommend Kruschen Salts. It's just wonderful."

A jar that lasts 4 weeks costs but a trifle at Hook's Dependable Drug Stores or any drug store anywhere. For your health's sake demand and be sure you get Kruschen Salts. See your many physicians and recognized the world over as the safe way to reduce and gain in health and physical charm—Advertisement.

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BEAUTIFUL, ANYWAY



**CITY BANKER'S
MOTHER DEAD
IN WISCONSIN**

Mrs. G. A. Dickson to Be
Buried Thursday in
Rites Here.

Mrs. George A. Dickson, 78, mother of Fred C. Dickson, president of the Indiana Trust Company, died Monday night at Minocqua, Wis., it was learned here today.

Mrs. Dickson was at the Wisconsin village with members of her family. The family residence here is 3321 North Meridian street.

Funeral services will be held at 11 Thursday at the Flanner & Buchanan mortuary. Burial rites, which will be private, will be at Crown Hill Friday.

Cleaning Shop Is Looted
Mrs. Dickson is survived by Fred C. Dickson, son; Mrs. Otto Frenzel Jr., granddaughter, and Mrs. John T. Dickson and Mrs. George Brinkmeyer, sisters.

Born in Indianapolis in 1855, Mrs.

THE INDIANAPOLIS TIMES

Dickson attended the German-English school here. She was a member of Zion Evangelical church, and was interested in various charity organizations in the city.

**SUPREME COURT
APPEAL SOUGHT
ON DALE RULING**

ACT TO KEEP LIFE IN
LONDON TRADE PARLEY
Leaders to Propose Setting Up of
Committee During Recess.

LONDON, July 25.—Leaders of the world economic conference decided today to propose to a plenary session that a committee of twelve be set up as a permanent executive committee to keep life in the conference during its recess.

Though the final decision must be made by the plenary session Thursday, when the conference recesses, automatic approval is expected, as the leaders who proposed it are members of the "little steering committee" which guides the conference's destinies.

They themselves, with the addition of representatives of Brazil and Japan, would become the executive committee.

Cleaning Shop Is Looted

Graves Harping, owner of the Cozy cleaners, 4128 East Michigan street, reported to police today that his store had been entered and an unestimated amount of clothing stolen.

Appeal from a federal court conviction on a liquor conspiracy charge. The statute on which the con-

spiracy indictment was based is and employees and does not pertain to applicable only to conspiracies between officials and clerks, deputies and firemen, who themselves are officials, Judge Smith explained.



Schlitz

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