

—Dietz on Science—

ALUMINUM MAY
SYMBOLIZE NEW
ERA IN BUILDING

Engineers Predict Metal Has
Vast Field in
Construction.

BY DAVID DIETZ
Scripta-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 sleeper, 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.

SHELVE 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 that 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—prescribed by 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



What's a world's fair without a row over daring dancing? In '33 it was Little Egypt. In '33 it's the Fan Dance.

Sally Rand, above, who danced with no attire but two fans, roused the envy of other world's fair dancers by getting arrested. But the Chicago judge, told all the lurid details, merely said, "Well, what of it? The human form is a beautiful thing."

Contract Bridge

BY W. E. MCKINNEY
Secretary American Bridge League

PROBABLY sound logic and delicate inference are the skillful player's most valuable attribute while the bidding is in progress. However, once the dummy goes down, the faculties of resourcefulness, ingenuity and daring come into play.

The possibilities of hand distribution are so innumerable that the game never loses its freshness and variety. Every session of play produces at least one hand which must be treated a little differently than any which have preceded it.

Today's hand came up recently in a rubber game, and the South player was able to make his contract by a play which, though simple, was both ingenious and daring.

♠ K-Q-10-5-2			
♥ 7-3			
♦ 8-2			
♣ A-7-4-2			
♠ 9-7-6	NORTH	♠ J-8-4	
♥ 8-6	WEST	♥ 3	
♦ 9-7-5	EAST	♦ Q-J	
♣ 4	DEALER	♣ 10-9	
♠ K-10	SOUTH	♠ A-6	
♥ 9-8		♥ Q-6-5	
♠ A			
♥ A-K-5-4-2			
♦ K-Q-J-10-3			
♣ J-3			

South opened with one heart. West passed, and North bid one spade, a one over one force. East passed, and South bid three diamonds.

This was a most significant bid and conveyed a wealth of information to the bidder's partner. It showed that both hearts and diamonds were at least five-card suits, that South had an unusually strong hand, and that he desired to play for a slam, provided North could support one of his suits, and had slightly more than minimum overcalling strength.

HOWEVER, North realized that

the hands did not match well in any suit and had no desire to reach a slam. His next bid was three spades, showing a fairly strong five-card suit, and allowing South to choose whether the hand should be played at three no trump or at one of the suits already mentioned. South now inferred that North was short in both red suits, and therefore must have sufficient length in clubs to give some protection in that suit. South elected to bid three no trump, and his choice proved to be a wise one for that was the only game contract which could be made against good defense.

West opened with the ten of clubs which was ducked in dummy, and East won with the queen. The latter returned another club and declarer allowed West to hold the trick with the king.

At this point, West fell into a well-laid trap by leading a third round of clubs, although a shift would have enabled him to defeat the contract.

The third club led served the declarer splendidly in two respects. First, it gave him a much needed entry in the dummy and second, it enabled him to discard the ace of spades and thereby make two spade tricks with the dummy's king and queen.

The situation still was desperate, but if the declarer should have the good fortune to find both the ace of diamonds and the jack of spades in the East hand, the contract could be made. Accordingly, he cashed dummy's two spades, discarding two hearts from his own hand, and then led a diamond from dummy, hoping for the best.

East passed the first diamond, but was compelled to win the second and he could then do nothing but lay down the jack of spades and concede the remaining tricks.

The declarer therefore took one club, two spades, two hearts and four diamonds to fulfill his three no trump contract.

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\$80 Loot Taken from Home
Returning home after a week-end trip, Mrs. W. C. Scudder, 3302 Brookside parkway, reported lost valued at \$80 taken from her home.

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 Plummer & Buchanan mortuary. Burial rites, which will be private, will be at Crown Hill Friday.

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.

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.

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 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.

SUPREME COURT
APPEAL SOUGHT
ON DALE RULING

Conspiracy Case Against
Muncie Ex-Mayor to
Be Pushed.

By United Press

MUNCIE, Ind., July 25.—Appeal to the state supreme court from a decision of Special Judge Charles Smith, Anderson, quashing conspiracy indictments against Mayor George R. Dale and three other city officials, was expected to be sought today.

Judge Smith quashed the indictments against Dale, C. A. Taughnbaugh, city attorney; Lester E. Holway, city controller, and Glenn Butts, secretary of the city fire department, on a legal technicality.

The four defendants were charged with conspiring to collect 10 per cent of the salaries of city firemen to defray expenses of Mayor Dale's

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

spiracy indictment was based is applicable only to conspiracies between officials and clerks, deputies officials, Judge Smith explained.



WHY Schlitz In Brown Bottles IS FIRST

THE answer is short. It has a flavor superior to that of other beers.

Why is it better? Because SCHLITZ scientists have solved a problem that puzzled the best minds in the brewing industry for many years. SCHLITZ has worked out a secret control of enzymes in beer.

What are enzymes? They are mysterious substances that exist in all living cells. There are many kinds of enzymes. Each kind has its own particular job.

Some enzymes produce a pure brew and some enzymes produce a brew which is actually injurious to health.

Never mind the details. It is sufficient to state that the enzymes digest the different ingredients until they go into solution—which we know as beer. But—the enzymatic activities must be controlled. How to control them is a SCHLITZ secret.

You know that any brewer can put malt, hops, yeast and water together—but unless the enzymatic action is skillfully controlled the result is a rank, ropy beer that may produce indigestion or be harmful otherwise.

But SCHLITZ in Brown Bottles—The Beer That Made Milwaukee Famous—is healthful, uniform, sparkling, brilliant. It is a health giving, predigested food.

Drink SCHLITZ freely. It is good and good for you. It is fully fermented at the brewery—it will not make you bilious because it is brewed under perfect enzymatic control. The Brown Bottle protects its goodness from the brewery to your glass.

By the case or in the attractive SCHLITZ Handy Six.
Ask your dealer.

In Brown
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The Beer That Made Milwaukee Famous