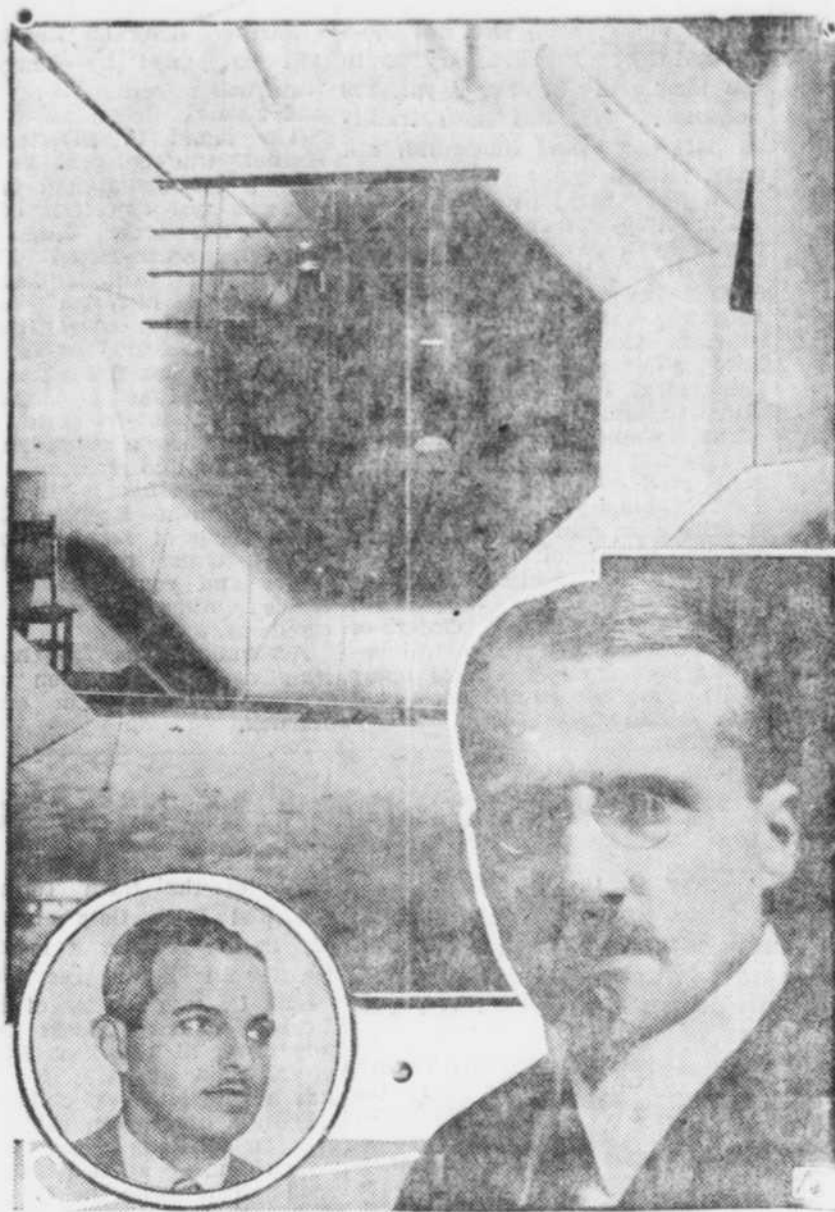


Multi-Winged Planes Called Most Logical Air Liners of Future



The University of Michigan wind tunnel is ready for research in airplane design. Prof. Felix W. Pawlowski (right), head of aeronautical engineering at Ann Arbor and the tunnel designer, with L. V. Kerber is conducting tests on a model of a quadriplane, a type not in use now, in the new tunnel (above).

By W. E. BERCHTOLD
(Associated Press Aviation Editor)

ANN ARBOR, Mich., Dec. 18. (AP)—Students of aeronautical engineering, whose notions in airplane design may shape the future of air transportation, now have another wind tunnel laboratory in which they may test their toy-like models without the expense and danger of building full-sized planes.

Started in 1922, the University of Michigan's wind tunnel has been developed year by year until now its builder and master, Prof. Felix W. Pawlowski, says it is ready for a heavy research program that will include studies on types of airplanes radically different from those now seen in the air.

The controversy over the relative efficiency of monoplane and multiplane is far from ended, according to Professor Pawlowski who believes that the monoplane's present popularity is a transitory whim of designers. He and an associate, L. V. Kerber, plan further research with multi-

NOTICE OF APPLICATION FOR UNITED STATES MINERAL PATENT

Serial Number 016883
Survey No. 4668
UNITED STATES LAND OFFICE
CARSON CITY, Nevada,
November 12, 1928.

Notice is hereby given that in pursuance of an Act of Congress approved May 10th, 1872, Charles Labbe, whose post office address is Death Valley Junction, California, has made application for a patent for fifteen hundred linear feet respectively on the Hillside and Westend lodes and three hundred seventy-eight and three tenths linear feet on the Broadway lode and fourteen hundred ninety-nine and four tenths linear feet on the Doris A. L. lode, all situated in the Johnnie Mining District, Nye County, Nevada, and described by the Official Plat and Field Notes on file in the office of the Register of the Carson City Land District, Nevada, as follows:

HILLSIDE LODE
Beginning at Cor. No. 1 from which U. S. L. M. No. 1A bears N. 33°53' E. 2992.8 ft. and running thence S. 10°03' W. 600.0 ft. to Cor. No. 2, thence N. 86°45' W. 698.8 ft. to Cor. No. 3, thence N. 88°15' W. 801.2 ft. to Cor. No. 4, thence N. 10°03' E. 600.0 ft. to Cor. No. 5, thence S. 88°15' E. 801.2 ft. to Cor. No. 6, thence S. 88°45' E. 698.8 ft. to Cor. No. 1 the place of beginning.

BROADWAY LODE
Beginning at Cor. No. 1 from which U. S. L. M. No. 1A bears N. 27°05' E. 3466.4 ft. and running thence S. 10°03' W. 600.0 ft. to Cor. No. 2, thence N. 81°47' W. 765.0 ft. to Cor. No. 3, thence S. 86°58' W. 717.5 ft. to Cor. No. 4, thence N. 10°03' E. 596.0 ft. to Cor. No. 5, thence S. 83°15' E. 581.8 ft. to Cor. No. 6, thence S. 86°45' E. 894.3 ft. to Cor. No. 1, the place of beginning.

DORIS A. L. LODE
Beginning at Cor. No. 1 from which U. S. L. M. No. 1A bears N. 14°15' E. 2856.0 ft. and running thence S. 9°02' W. 600.0 ft. to Cor. No. 2, thence N. 79°15' W.

thorough training probably can be taught with greatest ease and efficiency through competent university instruction.

Wind tunnels, which are the laboratories for research in aerodynamics—a highly technical field embracing a study of airplanes' flight properties—have a romantic appeal to the popular imagination. They make it possible to study winds of velocities up to several hundred miles an hour, without ever building the full-sized airplane.

Toy-like models, built with great accuracy and precision, are used. Delicate wires suspend the models in the tunnel air stream, and sensitive instruments record the forces acting upon the model as if it were in flight.

The University of Michigan wind tunnel, designed by Professor Pawlowski, differs from most others at university, military and commercial aeronautical laboratories.

It has a dual return for the air blown through the main throat of the tunnel, so that the air circulates constantly instead of being blown on one end. It also has a unique arrangement which makes possible an adjustment of the tunnel's throat to diameters of five, six, seven or eight feet. This makes possible flexibility in its use for research problems involving airstreams of various velocities up to 250 miles an hour.

15000 ft. to Cor. No. 3, thence N. 9°02' E. 489.3 ft. to Cor. No. 4, thence S. 81°47' E. 765.0 ft. to Cor. No. 5, thence S. 85°14' E. 736.5 ft. to Cor. No. 1, the place of beginning.

WESTEND LODE
Beginning at Cor. No. 1 from which U. S. L. M. No. 1A bears N. 45°19'40" E. 4292.6 ft. and running thence S. 10°03' W. 596.0 ft. to Cor. No. 2, thence N. 83°33' W. 776.2 ft. to Cor. No. 3, thence S. 82°55' W. 724.3 ft. to Cor. No. 4, thence N. 10°03' E. 600.0 ft. to Cor. No. 5, thence N. 82°55' E. 724.3 ft. to Cor. No. 6, thence S. 88°15' E. 775.7 ft. to Cor. No. 1, the place of beginning.

Total Area of the lodes as follows:
Hillside Lode 20,478 Acres
Broadway Lode 19,001 Acres
Doris A. L. Lode 18,358 Acres
Westend Lode 20,069 Acres

Total Area 77,906 Acres
Conflict Area with Sur. No. 3789, Crown Point Lode is 3,899 Acres

Which excluded from the total leaves net area 74,007 Acres
The adjoining claim is Crown Point.

The location certificates are recorded in the Office of County Recorder, Nye County, Nevada, in Book 83, pages 498, 499, and 500.

All adverse claims should be filed in this office during the sixty days period of publication.

CLARA M. CRISLER, Register.

First Pub. Nov. 15, 1928.

Last Pub. Jan. 17, 1929. Each Issue

NOTICE FOR PUBLICATION

Department of the Interior,
U. S. LAND OFFICE

at Carson City, Nevada,
November 30, 1928.

NOTICE is hereby given that Laurence O. Bates, of Las Vegas, Nevada, who, on January 14, 1924, made homestead entry No. 014735, for the N½NW¼ Section 27, Township 21S., Range 61E., M. D. Meridian, has filed notice of intention to make Three Year Proof, to establish claim to the land above described, before A. A. Hinman, U. S. Commissioner, at Las Vegas, Nevada, on the 10th day of January, 1929.

Claimant names as witnesses:
R. F. Jameson,
A. F. McCarter,
Robert Kincaid,
E. V. Breckenridge, all of Las Vegas, Nevada.

CLARA M. CRISLER, Register.

First Pub. Dec. 4, 1928.

Last Pub. Jan. 5, 1929, each issue

LOTS FOR SALE

Ladd's Addition
Clark's Addition
Buck's Addition
Pioneer Heights

Sale on Until January 1

Easy Terms

SEE J. H. LADD

At Ladd's Resort

CLEVER FIGHTER TRAINS HERE



Dave Milford, asserted to be an undefeated featherweight from Kansas City is now in training in Las Vegas according to Johnny Villarde who states that he has the young fighter under his management.

Milford is a sensational club performer, according to Villarde, having won 13 knockouts out of 18 fights, and these with some of the best fighters around the state of Kansas.

Villarde said that young Milford was brought to Las Vegas by George Montgomery, local sportsman who followed the boxing game before he entered the railroad service in Las Vegas.

Milford says that he will make Las Vegas his home thereby adding a new name to the already excellent array of clever mitt men under the management of the popular promoter.

Promoter Villarde is planning an all-star card for the 16th of January. He declares that the 3 main events which he is rounding up will be on a par with any single main trick in the middle west.

WHAT TO PUT IN THE WASTE BASKET

By THE REV. HENRY ALFORD PORTER
(Minister, Third Baptist Church, St. Louis, Mo.)

A distinguished editor once said: "The true secret of editing is to know what to put in the waste basket." It is also one of the secrets of successful living.

For one thing, put in the waste basket the sins of the past, if they have been forgiven. To carry the weight of a shameful past means weakness and paralysis. It cannot be changed, therefore let it be forgotten.

Put in the waste basket the sorrow of the past. Let us treasure the love which was ours and forget not the faces loved long since and lost awhile. But we must forget the sorrow as a sorrow. Sorrow remembered only as sorrow hinders us and keeps us from our pilgrimage. Let our love be an inspiration to us, rather. We are not to look backward for it; it is not there. We are to look forward, for all true love is there and will be found again in God.

Into the waste basket, I am sure, we should fling the mistakes and failures of the past. We can all join in the hymn, "The mistakes of my life have been many." The only people who make no mistakes are dead people. "The man who never makes mistakes never makes war," said Napoleon, and I would add, never makes anything.

One thing more we should consign to the waste basket—the achievements of the past. James Gordon Bennett, the famous journalist who started the New York Herald, used to say, "The Herald has no yesterday." What he meant was that yesterday's triumphs belong to yesterday; leave them there.

Cut loose from the past! Into the waste basket with it! Throw the useless baggage overboard or it will hinder you from sailing.

JONDAHL PAINT CO., Inc.
Experts in
Painting and Paperhanging
SIGNS OF ALL KINDS
Next To Nevada Garage
South Main Street Las Vegas, Nevada

WARD'S
Cash & Carry
PAY-DAY SPECIALS
Friday, Saturday and Monday
WATCH FOR HANDBILLS

Las Vegas Valley Acreage

80 Acres North of Town at \$2.50 PER ACRE

320 Acres N. E. of Town at \$10 PER ACRE

3-160 Acre Tracts on Arrowhead Highway at \$20 per acre

40 Acres South on L. A. Blvd. \$200 per acre

10-40 Acre Tracts within 5 miles of town from \$15 to \$50 per acre

Several Government Homesteads open for filing

For Particulars See
BAKER Licensed Real Estate BROKER

It's the money you spend wisely that counts

SOMEONE has said that a rich man has more fun keeping a budget than a man of moderate means. Because the money he saves is tangible, he can see it and invest it, and put it to work. Be that as it may, a budget is an invaluable help to anyone.

A budget helps you keep the right proportions between expenses, prevents you from spending more than is best for food and rent, or crimping more than you should on entertainment and luxury. BUT A BUDGET IS NOT A REASON FOR GETTING CHEAP THINGS, THINGS IN WHICH YOU FORFEIT QUALITY BY ATTEMPTING TO SAVE ON PRICE. A budget says to you: "Here is the amount of money you should spend for this. Spend all of it, but don't spend more." And it is up to you to get the best that can be got for that amount.

The person who spends his money wisely, who likes to get the utmost for it, always finds out from advertisements how he can spend it to the best advantage.

It is surprising how much more wisely you can buy if you make it a habit to read advertising. A little more value here . . . a little better workmanship there . . . in this thing slightly more durability . . . that product perhaps a bit finer. And every cent of money you spend for advertised merchandise will bring you greater comfort, a higher quality of goods, and a standard of excellence that is nationally recognized.

It certainly pays to read the advertisements