

DESCRIPTION OF WRIGHT AIRSHIP

The Chief Feature is Building the Main Planes in Three Sections.

THEY MAINTAIN EQUILIBRIUM

“Fish Tail” Rudder Prevents Rotary Movement Being Given Machine By Action of Air Currents.

New York, May 28.—What purports to be complete descriptions of the Wright brothers' successful aeroplane are published here this morning. The descriptions are taken from drawings and descriptions filed with the French patent office when application was made for patents which the French government issued in January last. To the partial description of the invention given by the Wrights themselves, but one new fact is advanced, the plan by which the aviator is enabled to maintain the equilibrium of the aeroplane despite sudden and variable air currents. This is accomplished by means of building the planes in three sections, the center one of which is rigid while the outer wings are so pivoted that a turn of a wheel at the operating hand causes one wing to lift slightly while the other is correspondingly depressed, thereby increasing the angle of resistance in one wing and decreasing it in the other, the effect of which is to return the machine to an even keel.

To prevent a rotary movement being given to the machine by the action of the air currents on the wings, a “fish tail” rudder is set at the rear of the machine which is connected by cables with a similar rudder on the front of the machine by the manipulation of which the rotary movement is prevented. A horizontal rudder is also fixed to the front of the machine. This is the only portion of the machine which is not described by Orville Wright, who is quoted as follows: “Approximately it consists of a box-like frame 40 feet wide, 7 feet long and 2½ feet deep, made of spruce and ash. At the center and top front is a sail rudder, a feature which the Wrights introduced and which has proved superior to the old method of a rear rudder.

“In the center, to the rear, is the tail of the machine, approximately 12 feet in length, less than one-third the length of those on French flyers. This consists of different models of one or two vertical cloth covered frames. “At the rear, balancing the machine and as near the center as possible, are two propellers. Below the framework and toward the rear is a skid, similar to the runners of sleds. This is used for landing and differs in this particular from the French machines, which are equipped with wheels. For a portion of 12 feet at each end, the upper and lower framework is provided with a surface of strong cotton cloth.

“In the center of the machine at the bottom is a small double wheel truck, which, running on a monorail, is used while the machine is acquiring speed enough to leave the ground. The monorail is easily movable in any direction. The Wright machine weighs about 800 pounds and in addition to its own weight, including a four cylinder motor of between 25 and 30 horsepower, is provided and made by the Wright brothers, the machine can carry two men and fuel enough to drive the machine 300 miles. It can carry enough fuel for one man aboard, to travel 300 miles.”

WHAT WILBUR WRIGHT SAYS.

Dayton, O., May 28.—Wilbur Wright of aeroplane fame, interviewed today by the Associated Press, said: “You may say that our experiments at Manteo, N. C., were very successful and that we are ready to enter the government service as soon as one clause in our contract with the government is interpreted for us. There is some discrepancy between two of the provisions named and we will not exhibit our aeroplane nor demonstrate its utility until the clause is clarified. We have eight or nine machines practically ready for work now, and as soon as we are clear on the one point we will be ready to go ahead.”

“I will say for the aeroplane we have perfected that it is practicable. It is the only machine yet perfected in our opinion, capable of doing the work expected of it. The European airships and aeroplanes are much too large and unwieldy for practical purposes. Our machine is about 40 feet by 7, and is driven by a propeller placed directly amidships. The machine will easily sail 125 miles without alighting, carrying fuel and two men with ease. It is steady, easily moving along on a monorail until impetus is secured to permit to rise. More than this we cannot say at this time.”

“Mr. Wright has gone to Europe in the interest of the Wright invention. Wilbur Wright refused to say where he had gone or give any information as to the nature of his errand. Until the department's return there will be no more flights in all probability.”

STEEL PRODUCTION.

C. M. Schwab Predicts It Will be 40,000,000 Tons in Ten Years.

Detroit, May 28.—Speaking last night at the annual banquet, which closed the convention of the International Master Rollmakers' association, Charles M. Schwab, former president of the United States Steel corporation, predicted that in 10 years the annual production of steel in this country would be 40,000,000 tons as against 25,000,000 in 1907. Mr. Schwab said that while there existed today the greatest depression ever known in the history of the steel trade, conditions were steadily improving. Nothing, he said, could retard the progress and prosperity of the United States.

PROF. H. C. ADAMS GOES BACK TO ANN ARBOR

Washington, May 28.—Prof. Henry C. Adams, chief of the division of statistics and accounts of the Interstate commerce commission, expects shortly to relinquish his post for the government. After a few weeks' vacation he will return to Ann Arbor, Mich., to resume, at the beginning of the academic year next September, his work as head of the department of political economy in Michigan university. Prof. Adams practically created the department of statistics and accounts of the commission under the Hepburn act. He is regarded as one of the best trained statisticians in the country and confidence in his work has been expressed by rail-

HERE IS RELIEF FOR WOMEN.

If you have pain in the back, urinary, bladder or kidney trouble and want a certain, pleasant relief for Women's Urinary, Bladder and Kidney troubles, there is a safe and never failing remedy, and it is called **WOMEN'S URINARY REMEDY**. It is sold by Druggists or sent by mail in 50 cents. Sample sent FREE. Address, The Mother Gray Co., LeRoy, N. Y.

road authorities throughout America and Canada. In fact, the Dominion government paid him the compliment of adopting the system of railroad accounting which he had devised for American railways. It is expected that Prof. Adams will succeed as chief of the division of statistics and accounts by Charles Lutz, now identified with the accounting department of the Louisville & Nashville railroad. Mr. Lutz is well known personally and officially to the members of the commission and is highly regarded for his demonstrated ability and integrity. He is widely known, too, among the railway men of the country. Adams' work under the act held in high esteem and confidence.

SNELL WAS INSANE. HIS WILL SET ASIDE

Clinton, Ill., May 29.—At 1 o'clock this morning the jury in the Snell case, after having been out six hours, brought in a verdict setting aside the will. The jury was unanimous in declaring its belief that Colonel Snell was of unsound mind. The sensational Snell will case was given to the jury tonight by Judge Philbrook, after he had read his instructions, which both sides regarded as favorable. The case has been on trial here in the circuit court for 10 days and is the second attempt to break the will of Col. Tom Snell, millionaire, which Col. Snell's only son left with an annuity of \$50.

In the closing argument, Atty. Richard Lemon, for the plaintiffs, bitterly denounced the letter to the Snell signed “Baby,” which were read to the jury, saying: “Hades could not emit one curse so infamous as in excess of 100 horrible suggestions the language of the letters. If so, it is beyond the ken of any man to appreciate, or human mind to know what it could be. The remarkable letters to the aged millionaire were ruled out and the trial resulted in a disagreement. Judge Philbrook permitted them to be introduced as evidence at the trial just closed, and it is the general opinion that a much stronger case for the contestants has been made.

HIS PAST HAUNTS HIM.

Danish Attorney Who Offended Against His Country's Law to be Deported.

New York, May 29.—Because of a chance meeting with a man who had not seen him for years, C. P. Wedel, attorney-at-law, a man of refinement and culture, will probably be deported to Denmark. He was detained in Brooklyn by immigration officials and taken to Ellis Island. It is said that he has offended against the laws of his native land, and therefore is not considered a desirable alien. Wedel had entered the country regularly and was trying under another name to retrieve his past. About a week ago he was seen, it was said, near his home, by another former Copenhagen acquaintance, and from the chance meeting resulted the action of the Ellis Island officials. The board of special inquiry decided that Wedel must be deported, and there is said to be small chance that Washington will reserve the decision.

WALTER SATTERLEE DEAD.

New York, May 29.—Walter Satterlee, the artist, died at his home, 128 East Eighth street yesterday, after a week's illness. Mr. Satterlee was 65 years old. He was an associate member of the National Academy of Design, the Watercolor society and many other institutions. The funeral service will be held at St. George's church, Stuyvesant Square, at 10:30 o'clock next Monday. He is survived by Dr. F. L. Roy Satterlee, a brother, and Mrs. William H. Willis, a sister. Mr. Satterlee was chiefly known for his figure painting and genre work and many of his pictures, which are to be found in the principal collections here and abroad. He was very successful in portraying the peasants of the western Indian was a favorite subject.

RHINOCEROS CHLOROFORMED

Mogul Operated on for Removal of Cataract from the Eye.

New York, May 29.—Fifteen New York veterinarians have discovered that the dose of anaesthetics required to put a rhinoceros to sleep is a pound and three-quarters of chloroform and a half pound of ether. The operation of rhinoceros science was made during an operation to remove cataracts in the eye of Mogul, the Indian rhinoceros in the Bronx zoo. Mogul, after succumbing to more than half a gallon of anaesthetic remained under its influence for an hour and at the end of that time began to crunch hay as though nothing had happened.

Through a blow on the head in his native jungle, Mogul nearly lost the sight of both eyes, and the operation was agreed upon after careful examination. The big problem was to tell how much anaesthetic it was safe to give. The hide of the pachyderm was so thick that no pulse was obtainable, and a stethoscope was useless. By means of a derick and harness, Mogul was thrown. A roll of cotton batting stuffed in a cone of brown paper was used to administer the anaesthetic. Before the rhinoceros was put to sleep the rumes nearly overcame the doctors and keepers. The operation consumed half an hour. It will take a month to tell if it is successful.

Farmers, mechanics, railroaders, laborers rely on Dr. Thomas' Electric Oil. Takes the sting out of cuts, burns or bruises, at once. Pain cannot stay where it is used.

SPEND DEcoration Day at Wandanere.

Fifty thousand potted and budding plants for Decoration day. Porter-Walton Co., 318 So. 1st State street.

QUEEN ALEXANDRA'S BUNGALOW

The bungalow craze seems to have reached England, and the queen of



England is the owner of the one shown herewith. It is on the beach at Shetisbury, Dorset, and its walls are of bright yellow stone. There are two main rooms in the structure, and the interior walls are finished with stone and shells which were gathered on the beach.

If you reach a man's heart

his stomach

HUSLER'S FLOUR

has taken the place of Cupid.

NO GREAT DISCOVERY.

Director French, of Chicago Art Institute, Says Artists Are Egoists.

Chicago, May 29.—W. M. R. French, director of the art institute, has discovered, that almost without exception, the greatest artists and illustrators are unconscious—or perhaps conscious—egoists. The peculiar form taken by this trait, according to the art critic, is the reproduction, in paintings of the human face, or form, of the artist's own features. In years of observation of the work of various artists, Mr. French said yesterday, he has found the phenomenon recurring again and again.

THE OLDEST SENATOR.

William B. Allison of Iowa is the oldest United States senator in service as well as in years. He is seventy-



nine years of age and has been chosen again to represent his state in the upper house. Senator Allison is a native of Ohio, born at Perry in 1829.

THE RICHEST INDIAN IN THE WORLD

The richest Indian in the world is Lon Hill of Harlingen, Texas. His wealth is conservatively estimated at \$3,500,000. He owns more than 300,000 acres of the best land in the Rio Grande valley. Every foot of it can be irrigated. At the rate which other land in this section of the same character is selling, \$20 per acre for these 300,000 acres would not be an excessive figure. Figured on that basis, this Indian is worth \$6,000,000. He is not given to overrating things, and the first estimate is his own.

Lon Hill is a full-blood Chocoma, says a Southern exchange. He is proud of his Indian blood, and a stranger is not long in his presence before the fact is made known by Mr. Hill that he is an Indian.

“This Indian has been able to take care of himself,” he will say, “I never have received anything from the government, and I am not expecting anything.”

This is true. He never shared in any of the allotments in Indian Territory. He has been making his way alone and unaided ever since he was a boy. The marvelous thing about the great fortune which Hill now possesses is that he has accumulated it all during the last six years. He located at Brownsville, twenty-five miles below Harlingen, a little more than six years ago.

Hill and others induced the Rock Island people to build a railroad to the town. Then he began getting options on land along the proposed line. The land which he had bought for 10¢ per acre went to \$5 per acre before the railroad had reached Brownsville. When the line was finished and the influx of investors and homeseekers began land values mounted higher and higher.

Mr. Hill just now is completing a system of irrigation canals and ditches to irrigate 40,000 acres of his land. The main canal is more than twenty-five miles long, from the Rio Grande to a point a short distance east of Harlingen. More than twenty-five miles of laterals are being built. All of this land is to be planted in sugar cane. Three large sugar mills are to be erected to care for the cane crop when the land is placed in cultivation.

In addition to his vast landed holdings, Hill owns the townsite of Harlingen. This place is situated at the junction of the main line of the St. Louis, Brownsville & Mexico railroad and its branch line which runs to San Antonio.

Hill is married. He is devoted to his wife and children. Concerning his early life, Hill says: “I punched cattle in Indian Territory when a young man. I saw the need of an education and had acquired a fairly good start in that direction when I entered the University of Texas. I was 27 years old when I began to study law. I went through the University of Texas and graduated in the law department of the University of Virginia. I now I am 49 years of age.”

MORE RUSSIAN MEN THAN WOMEN.

So far as the returns of the new census show, Russia, unlike every other European country, has a male population far outnumbering the female. Indeed, in certain districts an actual commercial value is set upon marriageable women and a profitable commerce in brides is being carried on by enterprising peasants. These matrimonial intermediaries bring a number of marriageable girls from European Russia, obtaining cheap tickets for them on some pretext or another, and play the part of father or guardian in the ensuing negotiations with the suitors. Their average cash profit on each bride is between 40 and 50 rubles, and in addition to this they get presents and vodka, according to the merits of the bridegrooms. The new census shows that the male

CASTORIA For Infants and Children.

The Kind You Have Always Bought Bears the Signature of *Wm. D. Gifford*

inhabitants of St. Petersburg outnumber the female by 124,000. The total population of the capital is now 1,646,474, showing an increase of 230,000, or nearly 10 per cent, as compared with the census of 1900. There are 315,632 children between the ages of 1 and 15, and of these 162,476 are boys and 153,156 are girls.—From a St. Petersburg Letter.

CHEAP EXCURSIONS EAST

For particulars apply C. A. Walker, General Agent, Chicago & Northwestern Ry., 38 West 2nd South.

Opening of season, Saltair, May 30. 30 trains, Saltair, May 30th.

EXCURSIONS EAST

Via Denver & Rio Grande R. R. June 1, 6, 8, 12, 13, 15, 23 and 26. Good returning until October 31st. Chicago, St. Louis, St. Paul, Minneapolis, \$55.00. Omaha, Kansas City, St. Joe, 40.00. St. Louis, 49.00. St. Paul and Minneapolis, 52.00. City Office, New Judge Building.

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YES, we want you to visit our store; more than that, we want your patronage. Others may say the same thing, but we are going to demonstrate our sincerity by giving you good service and good goods for the least cost.

Try Our Modern Sanitary Fountain. Spotlessly Clean.

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All prizes State Fair 1907. Two gold medals and diploma.

THE STOKER SMOKE & FUEL SAVING DEVICE

Kills 50 per cent smoke, saves 25 per cent coal, kills all soot, cleans flues once in two weeks. Recommended by Gov. Culler. See Wm. Waterfall, 537 Sherlock Ave.

COFFEE Schilling's Best is in packages lined with "air-tight" parchment, to keep, or tin cans.

Your grocer returns your money if you don't like Schilling's Best. We pay him.

Farmington Hotel

Near Lagoon, now ready to accommodate all visitors. Rooms newly furnished. Rates to summer boarders. For information, write or telephone. HYRUM VANFLEET, Prop., Farmington, Utah.

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PHONE 65 for the Correct Time. *Leysen's* SALT LAKE CITY

80,000 ACRES OF LAND To be opened for settlement in the Twin Falls country in Idaho on June 1st. Drawing at Twin Falls City. Excursions via

May 29, 30 and 31 and June 1. City Ticket Office, 201 Main St.

SALT AIR

GRAND OPENING SEASON 1908.

Decoration Day, May 30th.

Train Service Unexcelled 30-Trains-30 All Trains Electric Lighted

THE CONEY ISLAND OF THE WEST!!

Dancing (Held's Band), Bathing, Boating, Skating, Shooting Gallery, Bowling, Merry-Go-Round,

Circling Wave, Automat, Photo Gallery, Roller Coaster, Old Mill, Touring Car, Electric Theatre.

STROBEL'S AIRSHIP, winner of the international race at St. Louis, 1907, will make flight daily at Saltair.

The largest bird that flies; the wonder of the age! The first and only airship ever exhibited in the state of Utah. The greatest free attraction ever brought to the west.

SALT AIR for recreation and pleasure! Beautiful SALT AIR more beautiful than ever.

Twelfth Annual Opening, Beautiful LAGOON DECORATION DAY

Road Race Observation Train Leaves Salt Lake at 10:30 a. m. Baseball at 3:30—Woodmen of the World vs. Bountiful.

Splendid New Features, Including the Following:

Japanese Tea Garden, Perfect in Arrangement. Dipper Conster. Shoot the Shoots. Japanese Ping Pong. Fishing Pond. Dancing, with Willard Youngdale's Lagoon Orchestra.

Trains Leaving Salt Lake—5:50, 8:30 and 11:00 a. m. and 2:00, 3:00, 4:00, 5:00, 6:00, 7:00 and 8:00 p. m.

Cures Biliouness, Sick Headache, Sour Stomach, Torpid Liver and Chronic Constipation. Pleasant to take

ORIND Laxative Fruit Syrup

Cleanses the system thoroughly and clears sallow complexions of pimples and blotches. It is guaranteed

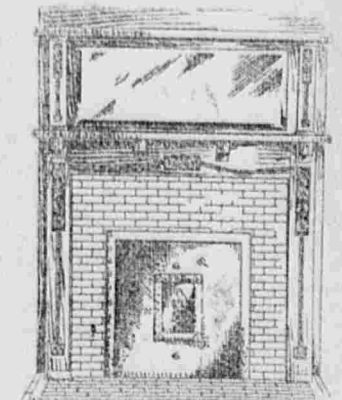
FOR SALE BY F. J. HILL DRUG COMPANY, SALT LAKE CITY.

LAGOON ROAD.

Salt Lake & Ogden Railway Co. Time Table in Effect May 29, 1908. Trains Leave Salt Lake: Lagoon and Farmington: 5:50 a.m. 7:15 a.m. 8:30 a.m. 10:00 a.m. 11:30 a.m. 1:00 p.m. 2:30 p.m. 4:00 p.m. 5:30 p.m. 7:00 p.m. 8:00 p.m. 10:30 p.m. Sundays at 9:30 p. m. Sundays and holidays specials for Lagoon at 3 and 5 p. m. SIMON BAMBERGER, President and Gen. Mgr.

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Chicago Cleaning Co. 37 P. O. Place.

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Your Choice \$10.00 The biggest Bargains in the city. Take a look at them.

THE HUB, 60 East First South.

Salt Lake House Cleaning Co. Wagons

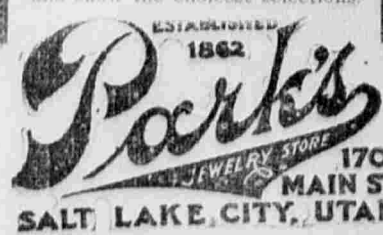
are doing splendid work—everybody satisfied. We have a very large amount of contracts for May. Get your orders in early if you wish the best wagon in the city.

Phones, Bell 3486; Ind. 1484.

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The 1908 designs are in and we always have a complete stock and show the choicest selections.



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