

DEVICE TO MAINTAIN AIRSHIPS' UPRIGHT IS MADE BY LANE MAN

Model at Any Rate Always
Rights Itself in Falling From
Housetop.

(Special to The Journal.)
Eugene, Ore., Aug. 7.—By watching the gyrations of a simple business card as it dropped to the floor, W. E. Lakin, of 340 Eighth Avenue east, hit upon a scheme which later developed into the making of a working model for an aeroplane that he thinks will not turn turtle. Mr. Lakin has secured patents covering his invention and is now working upon an engine to drive the machine for further experiments. A 28-inch model of the machine was dropped from the house top from every angle and never failed to right itself and land after a long, easy glide.

The attachment upon which Mr. Lakin secured the patent consists of tapering planes or wings that are attached to a model airplane above and below the large planes. The small planes in front and in the rear are also equipped with the tapering wings and add stability to the machine, as well as that added by the larger wings.

The principle is simple. On top of the upper plane of the ordinary airplane is attached a plane in the shape of an inverted "V". The lower plane is a "V" shaped wing and the ends of both tapering wings bend down to the level of the horizontal planes of the machine proper. Thus when the plane is tipped sideways in turning, the inside of the bottom wing and the outside of the upper wing present nearly horizontal surfaces to the wind and prevent any possibility of turning over by the machine's getting beyond control of the operator. When the machine is running head on into the wind the extra wings are set at such an angle that they will add sustaining power to the aeroplane and as they are exactly balanced they can not render the machine unstable.

The model is one sixth size of a regular aeroplane and carries 3698 square inches of surface canvas. This would amount to 1198 square feet on a full sized plane. The standard airplane carries about 475 square feet of canvas for approximately 800 pounds of weight. The added wings would increase the weight of the machine very little but would more than double the sustaining power of the plane.

PORTLAND BOY HUNTER SHOTS INTO OWN LEG

Eugene, Ore., Aug. 7.—Albert Wagner, son of Mrs. C. W. Wagner, of 881 Division street, Portland, accidentally shot himself in the left leg while hunting in the mountains 60 miles east of Eugene Tuesday evening and was brought to this city yesterday afternoon, later being taken to Portland. He and two companions were in the woods and young Wagner accidentally discharged his pistol. The bullet entered his leg above the knee and lodged near the knee cap. He was carried all the way to McKenzie Bridge, about 10 miles distant, by his companions that night and was brought to Eugene in an automobile.

Fine Dairy Barn on McArthur Farm
Ridgeway, Ore., Aug. 7.—One of the finest and largest dairy barns in Polk county is being erected on the McArthur ranch, two miles east of here. It is to have a cement floor and all sanitary conveniences. A machine for milking and separator house will be added, and steam can cleaning and sterilizing outfits will also be continued. The owner of the ranch is a Portland attorney, but the ranch is under the management of G. E. Rowe. One of the new dairy barns are rising in Polk county and the dairy business is steadily growing.

BAD MONEY SUSPECT PARTIALLY CONFESSES

Federal Officers Secure Admissions From Prisoner Arrested at Albany.

After more than an hour in the "sweatbox" this morning, F. S. Morris, charged by Secret Service Agent William A. Glover with making counterfeit coins, partially admitted the charges against him, according to the government operative, who will have him up for examination before United States Commissioner Drake tomorrow morning.

Glover arrested Morris Tuesday at Kiger's Island, near Corvallis, after many weeks of investigation. In his possession was a revolver more than a foot long, besides a number of spurious dollars, half dollars and quarters. Morris bore the reputation of being the best pistol shot in the neighborhood, and learning of this reputation, Glover caught him off guard. Introduced to the suspect in the ordinary way, Glover shook hands with him, changing the clasp into the grip of an arresting officer.

Morris had been running a paint shop for some weeks, and explained his presence on the island by saying he had been chopping wood. He also said at first that the counterfeit coins in his cabin were merely souvenirs picked up at various places.

So far it is now known no one was associated with Morris in the alleged counterfeiting operations. Believing others might have been concerned, Glover waited a long time before he made the arrest, fearing to startle the rest of the gang into flight before he could arrest them.

HOOD RIVER COMPLETES 750,000 GAL. RESERVOIR

Hood River, Ore., Aug. 7.—The city of Hood River has completed its large cement reservoir located on Hood River Heights. The reservoir will hold nearly 750,000 gallons and is at an elevation of about 300 feet above the business section. The first water from the Tucker spring was turned into the new reservoir Tuesday through the new 100,000 municipal pipe line laid by the Reliance Construction company of Portland. The Tucker spring gushes from the solid rock near the banks of Hood river, about nine miles south of the city, and will flow about 1,000,000 gallons per day. As soon as the new system is in operation, all the openings in the residence and business section will be rechecked, and it is estimated that the new plant will give the city a profit of \$16,000 per annum.

INSPECTOR LOOKS INTO KLAMATH POSTAL FIGHT

Klamath Falls, Ore., Aug. 7.—Postal Inspector H. G. Durand is making an investigation of the charges preferred against Postmaster C. K. Brandenburg, J. B. McAllister, formerly chief clerk under Brandenburg, but recently discharged, preferred the charges. The dismissal of McAllister is also being investigated. McAllister is a candidate for the postmastership. In the event the removal of Brandenburg should be a result of the investigation, it is likely that there will be a number of candidates for the position. Several have already filed applications with Senators Chamberlain and Lane.

Exhibit Material to Go Free.
Albany, Ore., Aug. 7.—Announcement has been made by the Southern Pacific that all shipments of agricultural, horticultural, floricultural and forest products as well as mineral specimens, consigned to the Oregon state immigration commission, Portland Commercial club or the Oregon Development league, will be consigned to the Oregon state exhibits at eastern land shows.

FOREST GROVE PARTY TO BE MOSTLY BOYS

34 Youngsters Will Be Sent to Country Tomorrow by Associated Charities.

Thirty-four children, mostly boys, will be sent to Forest Grove tomorrow afternoon by the Associated Charities as beneficiaries of the fresh air fund. It was the original intention to send only 25, but so many requests came in that it was decided that the number would have to be increased.

The second installment of those sent to Silverton about ten days ago will be returned to Portland next Sunday.

The individual contributions to the fund today follow:

Previously acknowledged	\$2275.45
John Porter, Silverton	1.00
Mrs. R. Becker	5.00
Heleen Williams, The Dalles	.52
Griffith, Williams, The Dalles	.52
Mrs. C. Williams, The Dalles	3.00
R. H. J.	20.00
Mrs. B. B. B.	5.00
Thomas N. Strong	10.00
L. Mulligan	4.00
Topik, Jenkins	4.00
Emily Rider Ehrman	5.00
C. A. C.	2.50
A. F. Ross company	6.00
Western Electric Works	2.00
E. C. Haak	2.00
C. E. Stevens	2.00
Mrs. Mary Lewis	3.00
C. N. Higgins	5.00
W. F. Dodd	3.00
Tom and Darcy Morgan	1.50
Total	\$2366.76

WAGON ROADS THROUGH RESERVES TO BE BUILT

T. Warren Allen of the U. S. Forest service, is registered at the Oregon from Washington, D. C. "I am here investigating road conditions in the national forests, with a view of establishing roads through the forests. In too many cases forest reserves have stood directly between two important towns and their presence there has prevented direct road connections. The government intends to allow the construction of roads through these forests for the benefit of the settlers, ranchers and tourists."

The road department has been allowed 10 per cent of all the receipts of the forestry department, which will mean that possibly \$20,000 will be available for roads in Oregon. Plans have only been made for five or six miles in Oregon this year, however. I have visited all over the United States now except Oregon, California and New Mexico and am on my way there now. This is a new thing for the government and will be a big thing as soon as the plans are perfected."

Mr. Allen has been traveling through Oregon for the past two weeks and in that time went over the Mt. Hood Barlow road. He is very enthusiastic over the result of this investigation in the forestry service. He will leave today for San Francisco.

EARLY BIRD NEWSIES MAY BE ARRESTED

Captain of Police Slover this morning read orders to his 80 policemen to arrest all newsboys under 16 years of age caught selling papers in the morning before 6 o'clock. There has been considerable complaint within the last two weeks that boys of tender years are out on the streets before that hour selling papers.

The new newsboys' ordinance forbids lads under 16 years of age to sell before 6 o'clock in the morning. In many cases the complaints recite that the parents of the boys force them to get out of bed at 4:30 o'clock and get down town in time for business on the street at 5 o'clock. On some of the street corners newsboys have been seen asleep at this early hour. Captain Slover asked his patrolmen to take such boys in charge.

MINISTERS' PENSIONS SUBJECT OF PAMPHLET

Outlines Plan for Care of Widows and Orphans of the Clergy.

A plan providing for the retirement of Episcopal ministers over the age of 65 years, on a pension equal to half salary, and for the care of widows and orphans of the Episcopal clergy, is outlined in a pamphlet just issued by the joint commission of the support of the clergy, which is headed by the Rt. Rev. William Lawrence, bishop of Massachusetts.

The plan provides for the care of the entire army of 6500 clergymen engaged in home and foreign fields, and will necessitate the raising of a fund of \$7,000,000 of which \$500,000 would be expended annually. The fund will be perpetuated by assessments against the churches of a certain per cent of the receipts.

The pamphlet just issued covers the important phases of the proposed plan, suggests rules and a charter and other features.

The final report of the commission will provide a fuller and complete outline, and will be issued during the latter part of October. The commission has worked for several years in preparing this pension proposition. It has been warmly commended by members of the Episcopal clergy.

MAN IS CAUGHT UNDER CAR; LOSES HIS ARM

Caught under a moving freight car on the Spokane, Portland & Seattle Railroad near Linton yesterday, Douglas McKay's right arm was so badly crushed that it was necessary to amputate it last evening. The operation was performed at St. Vincent's hospital by Dr. E. B. Daniels, chief surgeon of the line. McKay is a mate on the river steamer George Burton and resides at Seapooose.

No one witnessed the accident, and McKay said today that he cannot recollect how it occurred. As far as can be ascertained at present, he was en route to Portland from Seapooose when he decided to leave the train at Linton. This was in the morning and McKay was seen for the last time at noon. It is presumed he went to sleep under a freight car standing on a siding and the accident occurred when a switch engine pulled the car to another position some time in the afternoon. McKay was found wandering around, almost insane from pain, and was brought to Portland immediately.

McKay is 29 years of age and single.

CAPE PERPETUA ROAD TO BE DONE THIS YEAR

Eugene, Ore., Aug. 7.—The government road around Cape Perpetua, on the Pacific ocean near the line between Lane and Lincoln counties, will be completed this year, says D. E. Fittou, deputy forest supervisor of the Siuslaw reserve, who has just returned from the cape. When this road is completed teams may be driven all the way from Newport or other northern points on the coast to Coos Bay along the beach. Heretofore Cape Perpetua has been the blocking point, as there has been nothing but a dangerous trail around the rocky promontory.

The road around the cape will be a mile and a half long when completed and about 30 per cent of it is now built. There are now 20 men at work on the road and Supervisor Cohoon has sent out 25 more during the week. The estimated amount available for this work was \$4500, but \$2000 more was set aside during the absence of Deputy Supervisor Fittou on the coast.

JACKSON COUNTY PAVED ROAD MAY BE REALIZED

Medford, Ore., Aug. 7.—Petitions having the approval of the county court, calling for a road bond election, are now being circulated and are receiving many signatures. They call for the issuance of \$500,000 bonds bearing interest at 5 per cent, and provide for the retirement of \$100,000 in 10 years and a similar amount every five years thereafter. The bonds carry, declared County Judge Touve, "it will mean the expenditure of \$500,000 of new money among our people, and give Jackson county the first paved highway in the state. It will materially benefit the entire county and make a safe section a Mecca for many auto tourists on the coast."

DROWNING MAN NEARLY DROWNS TWO RESCUERS

White Bluffs, Wash., Aug. 7.—After two men had sacrificed their lives in an attempt to save him, Elmer Polley, aged 23, was drowned in shallow water in an arm of the Columbia river extending into Locke island near White Bluffs. Polley's home was in Tacoma, but for two years he had been employed on the ranch of his cousin, Jay Locke. Mr. Locke and Frank Allen both went to Polley's aid, and the drowning man nearly ended the lives of each in turn as they reached him.

Silverton Staff Numbers 14.

Silverton, Ore., Aug. 7.—If present plans are carried out the Silverton schools will open Monday morning, September 15.

Fourteen teachers have thus far been engaged. It is likely that others will have to be added shortly after school opens, if the attendance increases according to indications. The list thus far chosen is as follows: Superintendent, W. F. Cameron; high school, Miss Aurelia Burch, Miss Sadie Boughey and Miss Clara Blais; eighth grade, Miss Blanche Small; seventh grade, Miss Nina Hubbs; sixth grade, Miss Dorothy Shank; fifth grade, Miss Alma Jewett; fourth grade, Miss Julia Julson; third and fourth grades, Miss Eda Ambler; second grade, Miss Edna Steen and Miss Blanche Hubbs; first grade, Miss Catherine Standish.

General Diaz Starts Again.

San Francisco, Aug. 7.—General Felix Diaz, the Mexican special ambassador to Japan, today is en route to Portland, leaving here last night on the Oregon Express. The general was accompanied by Senora Diaz and four or five secretaries.

Do You Have Rheumatism?
If you have, you are in a position to inform you that we have the most successful from the use of Burke Tonic than from any other remedy sold through our store. Burke Tonic is a complete system cleanser that does not overlook any part of the body. It is a blood purifier and is the quickest remedy known for boils and common blood impurities. 75c the bottle at the Clemenson Drug Co., corner Front and Morrison streets, the store that sells at cut rate every day in the year. (Adv.)

DIGGS JURY SECURED: ALL BUT 2 MARRIED MEN WERE SELECTED

(Continued From Page One.)

inally discovered after Deputy Auditor Horace L. Crocker had been summoned that the name had been misspelled. Sullivan had hoped to remove Wisemann from the panel without using his last peremptory challenge.

Frank L. Edmond, retired merchant, who was passed yesterday, was retained after subsequent examination by

Sullivan, although the latter brought out that Edmond was an intimate acquaintance of J. H. Marshall, partner of I. P. Diggs, father of the defendant. The salesman convinced Sullivan that he would try the case without bias.

The attorneys for the prosecution stated that Marsha Warrington, one of the girls involved in the case, and whom Maury I. Diggs is charged with having coerced to elope from Sacramento to Reno, would probably take the stand to testify before today's session is over.

The first witnesses probably will be employees of the Southern Pacific company, who are expected to testify as to the alleged purchase of tickets by Diggs

to carry himself and the Warrington girl, F. Drew Cammett, also indicted on similar charges, and Lola Norris, to Reno, where they were arrested while living together in a cabin. Foresters and conductors on the trip will adduce details of incidents of the trip of the quartet.

Women Burn a Cricket Pavilion.
Abercromby, Wales, Aug. 7.—Suffragettes burned the cricket pavilion here today and seriously damaged the field. They left a placard behind them which read: "If Mrs. Pankhurst dies Lloyd George will be her murderer."

Reorganization Sale

Carpenters Are Making Noise at Portland's Emporium—So Are the Tremendous Values



The remodeling of Portland's Emporium by the new management may inconvenience shoppers, but the way we're sacrificing all remaining Summer merchandise makes up for it! New Fall arrivals in women's Suits, Coats, Dresses and Millinery must be given room. Price is entirely lost sight of in our efforts for a quick, decisive clean-up of the stock we were forced to take when I. E. Solomon quit on July 31. Here are a few of the sensational bargains for Friday and Saturday. Come!

\$6.50 Misses' Middie Suits

Splendid suits for beach, vacation and outing wear—and this Final Cleanup price doesn't cover what the material cost. Middie Suits for misses, 13 to 20 years, in natural linen and white linene. Former price \$6.50—just seventy five of them go tomorrow at

\$1.98

Up To \$13.50 Voile Skirts at

Just think of it!—handsome all-wool wiry black Voile Skirts, in good styles for \$1.98. Regular prices were up to \$13.50. While 38 last tomorrow,

\$1.98

\$1.50 Middie Blouses 89c

Only 6 dozen jaunty white Middie Blouses, with navy and red trimmings. Norfolk or plain styles, in sizes 12 years to women's 36. Reg. \$1.50, tomorrow 89c.

\$2.25 Khaki Middie Blouses—patch pockets and belt; all sizes \$1.39

Final Cleanup

\$24.75 White Serge, Linen and Pongee Suits—only 45 of them \$4.85

Last call at \$24.75 Mixture Suits, last call \$7.45



Millinery Cleanup 25c

Balance of I. E. Solomon's Stock

It has caused a furore all week—and why shouldn't it? Just think, your unrestricted choice of any Summer Trimmed Hat, Untrimmed Shape, Flower, Wing or Fancy Feather, at 25c. On account of alterations on Third Floor, we're compelled to bring part of stock to the First Floor. Thousands will come again tomorrow. Former prices up to \$10.00.

2000 Trimmed Hats
2200 Untrimmed Hats
3000 Millinery Flowers
1800 Fancy Feathers

25c

No
Hats
Exchanged



No
C. O. D.
or Phone
Orders

Lennon's August Clean-Up Sale Gloves and Hosiery Begins at 9:00 Tomorrow Morning!



An event looked forward to by thousands of Portland women, who know that it means the most extraordinary Glove and Hosiery bargains on the Pacific Coast! All incomplete lines, and Summer goods, must go to make room for the big Fall stocks, already arriving. Come tomorrow—come early, to get first choice! NO C. O. D., OR TELEPHONE ORDERS ON LOTS ADVERTISED.

5,000 Pairs Gloves Sacrificed!

75c Women's 16-button Chamoisette Gloves 39¢
\$1 Women's 16-button Silk Gloves 74¢
\$1.25 Women's 16-button Silk Gloves 89¢
50c Kayser 2-clasp Chamoisette Gloves 39¢
\$1.50 Women's Pure Thread Silk Gloves 95¢
To \$1.25 Kid Gloves, broken line, sizes 5½ and 5¾ only—clean-up price 25¢

\$1 and \$1.25 Women's Kid Gloves 79¢
\$1.35 Women's Cap Kid, Chamois, Mocha and Doekin Gloves 95¢
75c Household Rubber Gloves 39¢
\$3.50 Women's 16-button Kid Gloves—navy, green, red and few black, 95¢
\$3 Women's 16-button Grenoble Kid Long Gloves, a world-famous make—clean-up \$1.95

FOR MEN--- Big Hosiery Savings

35c Women's Silk Boot Hose, 19¢
40c Women's Silk Lisle Hose, colors, only 17¢
50c Women's Silk Lisle Hose, also Black Lace Hose, 25¢
50c Women's Silk Boot Hose, tan only, 25¢
65c Women's Pure Thread Silk Hosiery, tan only, 39¢
CLOSING OUT OF ALL PARASOLS—In Nell Rose, Cardinal, Navy and National Blue. Choice of any up to \$6.00, for \$1.95

Morrison Street—Opp. P. O. **Lennon's** Phoenix Hosiery Agency
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Crude Carbolic Acid.....25¢	Bathing Caps.....15¢
Carbolicum, for hen roasts.....25¢	Water Wings, pair.....25¢
Chlorobromine Disinfectant.....40¢	Cloth Covered Bath Caps.....35¢
Chloride Lime.....8c	Fountain Syringe.....75¢
Concentrated Lye.....7c	Bath Soap, cake.....10¢
Washing Ammonia.....9c	Tooth Brushes.....10¢
Witch Hazel (Dickenson's best).....25¢	Listerized Tooth Powder.....25¢
Glycerine and Rose Water.....20¢	Hand Scrub Brushes.....15¢
Spirits Camphor.....10c	Hair Brushes, natural bristles.....95¢
Gum Camphor.....5c	Malted Milk, hospital size.....\$2.98
Tincture Arnica.....25¢	Hot Point Flat Irons, 5 pound.....\$3.50
Sulphur.....10c	En-Gin-Oil, bottle with can.....25¢
Alum.....10c	Superior Office Paste.....\$3.50
Opium Salts.....10c	"Hercules" Cement.....10c
Moth Balls.....10c	"Hercules" Glue.....10c
Camphorated Tooth Powder.....10c	Dennison's Paper Towels, per 100.....65¢
Cream Tartar.....40c	"Wood-Lark" Lawn Writing Paper, "pound".....25¢
Soda Bicarbonate.....10c	Hawaiian Sliced Pineapple (delicious).....can.....15c, 20c and 25c
Japanese Cleansing Cream.....25¢	Iron-de-quot Grape Juice, bot. 20-40c
Wood-Lark Pure Spices, Pepper.....10c	Globe Metal Polish.....5c
Wood-Lark Pure Spices, Allspice.....10c	"Wood-Lark" Toilet Paper, 10¢ or 3 for.....25c
Wood-Lark Pure Spices, Ginger.....10c	Ripe Olives (chance).....35c and 60c
Wood-Lark Extract Vanilla.....25c	Combination Lunch Boxes.....\$2.49
Wood-Lark Extract Lemon.....20c	Fishing Poles, Hooks, Bait Baskets and Reels on special rate.
Pacific Fly Repellent.....25c and 50c	Photo Albums priced up from.....75c
Cake and Candy Coloring.....10c-25c	Bring your finishing orders on photographic work before 3 p. m. and receive them the following day at 5 p. m.
Insect Powder, can.....10c and 25c	On one dollar's worth of finishing work make one dollar's worth of finishing work.
Denatured Alcohol.....15c and 25c	OF CHARGE.
Wood Alcohol, bottle.....10c-20c	
Cotton, pound rolls.....25c	
Formaldehyde, bottle.....25c and 50c	
Dutch Cleanser, can.....7c	
Ladies' Hand Bags, special.....95c	
Clearance Sale Hand Bags.....\$2.95	
10% discount on all traveling luggage.	