

## SAILING THE AIR

Form of Sport Will be Common as Automobiling in 10 Years From Now.

MAY BE A FAD FOR CALLS

Henri Farman Says Airship Flight Depends Upon Perfection of Motors and Aerial Balance.

Henri Farman, the noted French aeronaut, who is to give some exhibitions in his aeroplane at Brighton Beach, New York, has written an article on the future of the flying machine for the New York American in which he says:

Flying will be as common as automobiling within ten years. It will take another decade to perfect the flying machine for practical and safe use. It took several years to bring the bicycle and the automobile to that state, and now the energies of the mechanician and the aeronaut are turned to the perfecting of the flying machine.

Some people will always remain too timid to go up into the air, just as some are even now too timid to enter a motor car. Not every one had the courage or the ability to ride a bicycle either.

It will become quite a fad, I believe, for a man to take his wife and friends a hundred or two hundred miles in his flying machine to call on some friend in the country. The flight of the imagination that conceives such a plan will be bridged within ten years, I believe. The novelty of such trips will wear off just as does the novelty of an auto jaunt.

Air sailing will remain in its experimental stages only a few years longer. The time for experimentation is passing rapidly.

Half the solution of the air sailing problem rests on the perfection of the motor. My motor weighs over 200 pounds, one-fifth the entire weight of the machine with me in it. It is fifty-five horsepower, but only three-fifths of that can be used. Half of the available power is applied to the propeller, which leaves me only nineteen horsepower for driving purposes.

That is the defect of the present motor, on the remedying of which progress in air navigation depends. When I can increase the horsepower without increasing the weight the problem will be solved. For instance, my present outfit weighs 530 kilos, or over 1,100 pounds. The available horsepower of the motor is thirty-eight. When I can reduce the whole outfit to twenty kilos in weight to one horsepower in use, half the difficulty of flying will be overcome.

**Balance Serious Problem.**  
The other half lies in the problem of aerial balance. The machine must bal-

The other half lies in the problem of aerial balance. The machine must balance itself automatically like a bird before absolute safety in flight can be guaranteed. The only way such mastery of wind and air can be obtained is by the successful imitation of the bird. A machine of the monoplane type—a winged flying machine—will be the practical airship of the future. I have been studying the monoplane machine and will begin the construction of one as soon as I return to France. My aeroplane is too big and clumsy for practical use. I am also experimenting with a "flying fish" type of machine, with three planes, one partly over the other, like a sturion, but I pin my faith in the practicability of air sailing on the monoplane machine.

I had a splendid opportunity to study the models for this type during my trip across the ocean on the Touraine. I watched the sea gulls from the deck all day long. They can remain absolutely motionless overhead as if pinned to the atmosphere. In five years that secret will be solved. I say five years because aeronauts are all earnestly trying to solve the problem of balance now. Judging by past events, it ought to be completely mastered in five years.

My faith in the solution of both the motor and the balance problems is best illustrated by the promise I made my wife the other day. I told her she would enjoy the novel sensation some day of breakfasting with me in Paris, including in Marseilles and dining on the African coast all in the same day. The successful flying machine will never rival the railroad for commercial utility. It may succeed the automobile as an instrument of recreation, and I dare say the usual quota of brave lives will be sacrificed to make it an available means of travel, but it can never supplant the railroad.

**Judgment of Solomon.**  
First Guest—Hi, waiter, open that window, please. I can't stand this heat.

Waiter—Directly, sir. (Opens the window.)

Second Guest (a little later)—Waiter, there's draft enough to give one his death of cold. Do shut the window.

Waiter—Yes, sir. (Shuts the window.)

First Guest—Waiter, are you mad? Why have you closed the window? Open it again at once.

Waiter—Very good, sir. (Goes to landlady.) Sir, one of the gentlemen wants the window open, and the other wants me to shut it. What am I to do?

Landlord—Do what the gentleman says who hasn't dined yet.

**Reminders.**  
The enterprising manager of a little lyric theater in northern Pennsylvania believes in profiting by the misfortunes of others. One day he displayed the following sign in his house: "Do Not Smoke. Remember the Ironopolis Fire." So great was the efficacy of this that before the end of the week he put up another: "Do Not Spit. Remember the Johnstown Flood."

## HONOR FOR FLEET

Australia Making Preparations to Give Fitting Welcome to American Ships.

FINE SPECTACLE AT SYDNEY

Millions of Electric Lights to Be Used in Illumination—Large Display of Fireworks.

The reception of the United States battleship fleet at Sydney, Australia, during its world cruise will provide a notable spectacle. The whole of the coast line, many miles in length, of the fine harbor is to be brilliantly illuminated, the numerous headlands at the expense of the federal and state governments and the intervening shores by public subscription. Millions of electric lights will be used.

In addition the British and other warships in the harbor will be ablaze with light, as will the merchant vessels, ferry steamers and other craft. There will also be a display of fireworks on a large scale, in which the vessels of the Australian squadron will participate.

In the city of Sydney itself the decorations and illuminations will surpass those on the occasion of the centenary of the state or the proclamation of the commonwealth, says a Sydney special correspondent of the New York Times. Special arrangements are making for entertaining the officers and men. Rear Admiral Charles S. Sperry and his captives are to be the guests of the Earl of Dudley, governor general elect, and the Countess of Dudley and will be entertained at a grand ball in the grounds of the government house by Lord Northcote, the present governor general, and Lady Northcote.

A magnificent ball is also to be given in the Sydney town hall by the lord mayor and the city corporation, and a large number of dances, dinners and other entertainments are being arranged by the citizens. All the theaters and other places of amusement will be thrown open free to the visitors, who will also be invited to attend the great sport carnival in which several thousand public school children will take part.

The leading cities and townships in the interior are most anxious that arrangements should be made for enabling portions of the crews to see something of the scenic wonders of the state, especially the Blue mountains and the Zenonian caves, and it is understood that all accepting the invitations will be conveyed to the various points of interest and banqueted free of cost. There is, however, great disappointment in Queensland by reason of Brisbane not being included in the itinerary. It is proposed to ask the American admiral to permit a party of his officers and men to visit the state metropolis. It is doubtful whether it will be in his power to do so.

It is estimated that there will be over thirty war vessels of American, British and other nationalities in Sydney harbor at one time, and a considerable amount of water space will have to be set apart for their accommodation. The vessels will probably be arranged in two lines, each about a mile in length, north and south of the harbor.

**Landing to Be Imposing.**  
The official landing will be an imposing affair, the visitors marching in procession to the Domain, Sydney's largest and oldest park, under triumphal arches and past beautifully decorated buildings, where they will be received with acclamation by the thousands of Australians assembled from all parts of the commonwealth. The Earl of Dudley, Lord Northcote and Admiral Rawson, the state governor, accompanied by the federal prime minister, the state premier and leading federal and state officials, will form the reception party. There will also be several thousand troops on the ground.

In anticipation of the event there has been an unprecedented demand for the stars and stripes, and extensive orders have been cabled to New York and London. In all the public schools the children are learning to sing "The Star Spangled Banner," "Hail Columbia" and other American patriotic songs. Practically Sydney will be found completely Americanized during the stay of the fleet. At the ceremonial parade of the commonwealth forces Rear Admiral Sperry will be asked to allow detachments from his vessels to march past with the Australian troops.

Perhaps the most interesting feature of the visit will be the laying of the foundation stone of a permanent memorial the exact nature of which has yet to be decided. The ceremony will be performed by Rear Admiral Sperry and Admiral Rawson. It will probably take the form of a colonnade, with a large central arch constructed of Australian white marble, forming the entrance to Sydney's great central park. In Melbourne the fleet will be received in the same cordial manner as at Sydney, but the details have yet to be arranged. They will, however, include visits to Ballarat, the golden city, where the miners are preparing a unique demonstration. The American element is very strong in Victoria, which received a considerable accession of population from the United States during the earlier days of Australian gold discovery.

**Ants as Fertilizers.**  
In South Africa white ants are now regarded as fertilizers. In the neighborhood of the ant hills, which attain

## ASH PILLARS IN COAL MINES.

Plan to Prevent Cave-ins and Make Remaining Anthracite Available.

In some of the anthracite coal mines of northeastern Pennsylvania ashes are being used as pillars to prevent cave-ins. Flushed into the spaces formerly occupied by coal, the ashes form a solid mass when the water drains off, capable of holding up the earth and rock above. Thus they enable the miners to "rob pillars"—to take out coal which they had been forced to leave as supports.

This device is illustrative of the contrast between highly developed mining practices of today and the wasteful methods that once prevailed. Then the object was to get as much coal out of the ground as possible, and little thought was given to the future. Now, though, experts have begun to predict the date when there will be no more anthracite, and the mining company of today is as careful of conservation as of immediate production.

A mine just outside of Scranton, Pa., is near to a big boiler plant, which consumes 300 tons of coal daily. Naturally a large supply of ashes is created in the fire boxes beneath the boilers. It is estimated that about fifty tons of ashes a day are sent down into the mine.

Water pumped from a nearby mine is used for the flushing. Running through a wooden trough, it reaches a tunnel that passes beneath the ash pits. This tunnel slopes at a grade of three-eighths of an inch to the foot. At intervals the ashes are shaken into it from above.

The flow of the water carries the ashes to a bore hole leading straight down through the ground to the mine. At the bottom are pipes leading to the worked out places which are to be filled. Through the pipes goes the torrent of ashes and water, and the ashes are piled into the abandoned "breast," or gangway, while the water seeps and drains away. Gradually the pile of ashes grows until it reaches from floor to roof. Then it becomes hard and firm. Near by have been left pillars containing hundreds of tons of coal. When the new ash pillars are large enough to be safe supports the coal can be taken out.

It is a costly process. The piping is worn out very rapidly by the sulphur, which is always present in mine water, and therefore has to be replaced frequently. The economy is one of the benefits of which are more for the future than for the present. Owing to the rapid exhaustion of the richer and more easily mined veins it is necessary to use all means, no matter how expensive, to make the remaining coal available.

## NONGOSSIPING SOCIETY.

Pledge Exacted From Members of the Order of the Rose.

Now comes the Order of the Rose as the newest organization for young women. It is based on the universal reputation of the flower for beauty and discretion. Every member of the order has to pledge herself never to gossip, never to say more than is necessary to express her meaning, never to tell anything about anybody that is not kind. All the members wear the badge of the order, a rose of one kind or another, says the New York Press. There is no prescribed color. Each girl wears the rose best suited to her complexion and build. The choice ranges from the stately damask to the delicate tea. Every member has a rose embroidered or painted on everything she owns, the idea being that she must be reminded of the order's objects momentarily throughout her waking hours. The decorative effect is delicious.

Fancy seeing a young woman liberally sprinkled with tiny roses done in the softest of silks and placed in the most bewitching positions. The Order of the Rose was started only a few weeks ago, but already its membership is large, and it is growing steadily. It is safe to say that ere the year ends the organization will have members in every large city in the United States and in most of the smaller towns.

## Why James Lee Got Well.

Everybody in Zanesville, Ohio, knows Mrs. Mary Lee of rural route 8. She writes: "My husband, James Lee, firmly believes he owes his life to the use of Dr. King's New Discovery. His lungs were so severely affected that consumption seemed inevitable, when a friend recommended New Discovery. We tried it, and its use has restored him to perfect health." Dr. King's New Discovery is the king of throat and lung remedies. For coughs and colds it has no equal. The first dose gives relief. Try it. Sold under guarantee at all druggists'. 50 cents and \$1. Trial bottle free.

## Rheumatism Cured in 24 Hours.

T. J. Blackmore of Haller & Blackmore, Pittsburg, Pa., says: "A short time since I procured a bottle of Dr. Detchon's Relief for Rheumatism. It got me out of the house in 24 hours. I took to my bed with rheumatism nine months ago and Dr. Detchon's Relief for Rheumatism is the only medicine that did me any good. I had five of the best physicians in the city, but I received very little relief from them. I know Dr. Detchon's Relief for Rheumatism to be what it is represented and take pleasure in recommending it to other poor sufferers." Sold by Otto Grotjan, 1501 Second avenue, Rock Island; Gust Schlegel & Son, 20 West Second street, Davenport.

# Semi-Annual Syndicate SHOE SALE

WE CAN and do offer these low prices because of the biggest spot cash purchase of Shoes and Oxfords that has ever been known. Spot cash goes further in the buying of shoes than in almost any other line. The Syndicate manager has been buying for weeks the surplus stock of factories, jobbers, and in some instances entire retail stock, taking advantage of every trade condition that would mean low price, until now we are ready with our share of the vast purchase.

Beginning Saturday Morning, Aug. 8, We will throw on sale at extraordinary prices our portion of the great purchase.

Women's kid shoes and oxfords, worth \$1.50, go at <b>98c</b>	Women's patent and kid strap slippers, worth \$1.25, go at <b>49c</b>	Men's tan oxfords, worth \$3.00, go at <b>\$1.98</b>
Women's patent shoes and oxfords, worth \$2.50, go at <b>\$1.59</b>	Women's white canvas oxfords <b>89c</b>	Men's calf shoes <b>\$1.39</b>
Women's tan oxfords, worth \$2.50, go at <b>\$1.69</b>	Children's red shoes, worth \$1.25, go at <b>59c and 69c</b>	Men's gun metal and box grain shoes, worth \$2.50 <b>\$1.89</b>
Women's fine patent and tan oxfords, worth \$3.00, go at <b>\$2.19</b>	Misses' and children's brown oxfords, <b>89c and 98c</b>	Men's tan, brown and patent oxfords, worth \$3.50, now <b>\$2.79</b>
Women's patent 2-snap slippers, worth \$2.00, go at <b>\$1.19</b>	Misses' and children's shoes <b>89c and 98c</b>	Men's tan, gun metal and patent oxfords, worth \$4.00, now <b>\$3.29</b>
Women's tan, brown and patent pumps, worth \$3.00, now <b>\$2.19</b>	Misses' and children's white canvas oxfords <b>59c and 69c</b>	Boys' calf shoes <b>98c</b>

WE CAN'T BEGIN TO NAME ONE-FOURTH OF THE BARGAINS WE'VE GOT TO OFFER. COME AND LOOK. YOU WILL BE AGREEABLY SURPRISED.

## Island City Shoe Store

Opposite Harper House. 1817 Second Avenue

### THE MARKETS.

Chicago, Aug. 7.—Following are the market quotations today:

**Wheat.**  
September, 94½, 96½, 94½, 95½  
December, 97, 98½, 96½, 97½  
May, 101½, 102½, 100¾, 102.

**Corn.**  
September, 75, 76½, 75, 76  
December, 63½, 64½, 63½, 64½  
May, 63½, 64½, 63½, 64½.

**Oats.**  
September, 47½, 48½, 47½, 48  
December, 47½, 48½, 47½, 48½  
May, 49½, 50½, 49½, 50.

**Pork.**  
September, 15.60, 15.67, 15.42, 15.52  
October, 15.75, 15.77, 15.57, 15.62  
January, 16.35, 16.25, 16.15, 16.27.

**Lard.**  
September, 9.52, 9.50, 9.42, 9.47  
October, 9.60, 9.60, 9.52, 9.55  
January, 9.25, 9.25, 9.27, 9.30.

**Ribs.**  
September, 8.92, 8.95, 8.87, 8.90  
October, 9.00, 9.02, 8.95, 9.00  
January, —, 8.30, 8.25, 8.27.

Receipts today—Wheat, 225; corn, 138; oats, 262; hogs, 12,000; cattle, 1,660; sheep, 5,000.  
Hog market opened steady. Hogs left over, 5,750. Light, \$6.25@6.25; mixed and butchers, \$6.30@6.97; good heavy, \$6.25@7.00; rough heavy, \$6.25@6.50.  
Cattle market opened steady.  
Sheep market opened weak.

**GRAHAM'S DANCING SCHOOL.**  
Third and Gaines street, Davenport. Old phone north 57, also 1874-M. You can set the hour to suit your convenience, day or evening. Land now or be lonesome. J. J. GRAHAM, Teacher of all Dances, 763½ West Third street, Davenport.

**MONEY TO LOAN**  
On Real Estate Security.  
LUDOLPH & REYNOLDS,  
Mitchell & Lynde Building.

**Omaha**—Hogs, 13,000; cattle, 200.  
**Kansas City**—Hogs, 8,000; cattle, 2,000.  
Hog market closed weak to 10 cents lower. Light, \$6.40@6.25; mixed and butchers, \$6.25@6.90; good heavy, \$6.20@6.90; rough heavy, \$6.20@6.45.  
Cattle market closed weak.  
Sheep market closed weak.  
Northwestern receipts: Minneapolis—Today, 102; last week, 175; last year, 148.  
Duluth—Today, 28; last week, 34; last year, 56.  
Liverpool opening cables—Wheat ½ to ½ lower, corn ¼ lower.  
Liverpool closing—Wheat 1¼ to 1½ d. lower, corn ½ lower.

**New York Stocks.**  
New York, Aug. 7.—Following are the quotations on the stock market today:  
Gas 95½, U. P. 157½, U. S. Steel preferred 109½, U. S. Steel common 47, Reading 125, Rock Island preferred 26½, Rock Island common 18½, C. & N. W. 162, Southern Pacific 95½, N. Y. Central 108, Missouri Pacific 57½, Great Northern 138½, Northern Pacific 143½, L. & N. 109½, Smelters 102½, C. F. I. 33½, Canadian Pacific 172½, Illinois Central 140, Penna 125½, Erie 23½, C. & O. 43, B. R. T. 54½, B. & O. 93½, Atchison 88½, Locomotive 56½, Sugar 133½, St. Paul 143½, Copper 82, Republic Steel preferred 80½, Republic Steel common 24½, Southern Ry. 19½.

**LOCAL MARKET CONDITIONS.**  
Today's Quotations on Provisions, Live Stock, Feed and Fuel.  
Rock Island, Aug. 7.—Following are the wholesale prices in the local market today:  
**Provisions and Produce.**  
Eggs—Fresh, 17½c.  
Live Poultry—Hens, per pound, 8c; springs, 15c lb.  
Butter—Dairy, 20c.  
Lard—11c.  
Vegetables—Potatoes, 60c; onions, 50c to 60c.  
**Live Stock.**  
Hogs—\$6.35@6.75.  
Sheep—Yearlings or over, \$4.00 to \$5.00; lambs, \$4.50 to \$6.75.  
Cattle—Steers, \$3.00 to \$6.00; cows, and heifers, \$2.00 to \$4.00; calves, \$4.00 to \$5.50.  
**Feed and Fuel.**  
Grain—Corn, 78c to 80c; oats, 50c to 53c; wheat, 85c to 90c.  
Forage—Timothy hay, \$8 to \$10; prairie, \$7 to \$10; clover, \$10 to \$11; straw, \$6.50.  
Coal—Lump, per bushel, 14c; slack, per bushel, 7c to 8c.  
Lewis' Single Binder, the famous straight 5 cent cigar—annual sale 9,000,000.

**It is being gradually borne in on the public mind that this store has taken stand with the foremost of this community.**  
**With facility and correctness, it has been determined individually by thousands of people.**  
**It is not difficult, if you desire analysis, to find the reasons.**



**Ingalls**  
JEWELER  
SAFETY BLDG.  
ROCK ISLAND, ILL.

## McCABE'S Specials for Saturday

Last final closing price on ladies' ready-trimmed Summer Hats, 40-forty-40. Were 4.00, 4.50, 5.00 and up to 8.50. Saturday take your pick for 79c, 79c, 79c. See east 2d Ave. window and pick out your hat for 79c.

Fancy Crimped White End Curtain Rods, complete, each 7c.

Hundreds of remnants of laces and embroideries, made during the big selling of last month, clean them out Saturday at just Half Price—only half.

Wide Hair Bow taffeta ribbons are all the rage—Saturday we offer 50 pieces 6-inch fine taffeta ribbons all colors, about half price at 19c a yard.

Decorated Dinner Plates with stippled gold edge—75c value Saturday set of 6 for 58c.

Universal gold enamel Paint for decorating, 10c.

Fine crystal glass Table Tumblers finished edge and bottom, special Saturday, set 12c.

10-ft. Clothes Line Props with ironed ends, Saturday 19c.

Wood Garden Hose Menders—each 1c.

12 Hammocks, 1.50 value, complete with pillow, spreader and rings, Saturday 95c.

Tapestry Squares for chair seats, etc.—value 50c—Saturday only 15c.

600 yards 12c white curtain Swiss 7c a yard.

230 p. m. white 15 dozen last, ladies' sleeveless Jersey ribbed vests 2c each.

Fibers Suit Cases, Holland covered, brass lock and catches, leather handle and corners, all day each 72c.

Women's ribbed top fine gauze hose, per pair, 10c.

At 2 o'clock mill lengths standard checked apron gingham, per yard, 4½c.

9:30 a. m., 500 yards Dress Gingham in 2 to 10 yard lengths, to clean up quick at yard 5c.

Linon Cambric for tailored shirt waists, 45 inches wide, Saturday, per yard, 60c.

Knit Wash Cloths, Saturday, 3c each, 2 for 5c.

Clinton Safety Pins, all sizes, card 5c.

Mme. Stephen's best known sanitary Hair Rats, 19c.

Field's best 200 yards 6 cord machine thread, 3 pools for 10c.

Handsome Beaded Bags with gilt and French gray frames, worth up to \$1.00, pick from these Saturday at 50c.

Woodworth's exquisite Nina Violet Talcum Powder, half price, 8c.

Mme. Yale's hand and arm whitener, in particular demand right now during hot weather—the dollar size, 63c.

Buster Brown Belts in good colors, 25c kind, 15c.

Narrow tailored Wash Belts, about half price, 15c.

Regular 25c Post Card Albums, holds 108 cards only 10c.

Black and white check Shirt Waists, tucked front and back, 29c, yes, 29c.

Slightly soiled White Aprons, dainty in style and finish, two pieces for Saturday cleanup, 17c and 28c.

Heavy Hemp Stair Carpet, 9c, 3.50 Velvet Rugs, 3x6 feet, \$2.45.

Oak Jardiner Stands, 11-inch tops, 15 inches high, square or round, 25c.

Misses' and Children's White Oxfords, per pair, 50c.

At 3 o'clock and until closing time, fine Brown Muslin, 10 yds. for 29c.

**Musical Program in the Evening.**