Airplane and Wireless 'Phone Figure in World's First Aerial Wedding



For the first time in the history of aviation a couple have been married by wireless telephone, the minister flying in one plane and the happy couple in another. Before a crowd of 300,000 people at the Sheepshead Bay speedway Lieutenant Burgess was united in holy matrimony to Miss Millie K. Shaeffer, a charming Brooklyn girl. At an altitude of 1,500 feet the question was asked through the wireless phone, and the answer came back "yes." In another plane flying near by, the minister, Rev. Alexander Wouters, pronounced them man and wife, and all flew down to the congratulations of their scores of friends. The photo shows the "aerial couple" ready for the flight, the bride with wireless 'phone adjusted and Lieutenant Burgess making sure he has the ring.

Be Americans First, Last and Always

Advice of Senator Lodge to American People

Do not forget that having visions is one thing, while being a visionary, especially a visionary whose ideals and visions are stage properties, is quite another. What troubles me most, writes Senator Lodge in Leslie's, about the books and articles and speeches by our most advanced thinkers setting forth new panaceas and systems for all the evils is that they are generally so very old, a fact apparently disregarded by their authors, who very properly despise a past which only rises up to be troublesome. Russian bolshevism presents a warning to America in its awful results of a scheme which its authors pretended and their dupes believed would make all men nappy in a moment. In letters of fire this Russian scene says to us: "This way lies ruin." Be Americans first, Americans last and Americans always.

Circus Tents Reeled on Large Spools, Saving the Labor of Many Workmen

The handling of the heavy canvas tents of the circus has always been one of the difficult problems of the business, taking a long time and many men to look after them. In the last year, notes a writer in St. Nicholas, an invention has been perfected whereby the tents are wound on large spools by means of a gasoline engine, saving the labor of a great many men, besides a needless, back-breaking experience. These huge spools are mounted on a wagon, which is transferred to the railroad train, and they are then ready to proceed on their journey.

The circus tents are made in sections of 50 feet. The spools are 25 feet long, so that the tents need only be folded once. A large number of these sections can be wound on the same spool, one after the other; in fact, seven tons of tents are loaded on a single spool.

Should Apply Slogan "Do It Now," in Letter Writing

The secret of letter-writing as well as of other writing for most of us is the open secret of using the odds and ends of time. If we wait for an hour or a day or a week or a month when we can sit down and write uninterruptedly, we shall probably wait in vain or else acquire such a habit of waiting that when at last the time arrives we shall waste it waiting for some more. Do it now. If there is time for a line write a line—if for a page, write a page, if for a word, write the word.

Ten Hens to a Home.

By keeping a backyard poultry flock the family would not only help in reducing the cost of living but would have eggs of a quality and freshness which are often difficult to obtain.

Each hen in her pullet year should produce ten dozen eggs. The average size of the backyard flock should be at least ten hens. Thus each flock would produce in a year 100 dozens of eggs, which, at the conservative value of 40 cents a dozen, would be worth $40.

Make Drink From Fan Palm

The fan palm of Madagascar furnishes the inhabitants with a highly intoxicating drink. It is called "satrana" and is made from the seed of the fan palm in great quantities, so the natives have to fill in between seasons with sugar cane drink.

Twenty-Five Years After Death, Boone's Body Was Re-Interred in Kentucky

"With Kentcky won Boone found that, by one of the twists of law, the plot of ground he thought was his was not his at all," says William Heyliger in concluding an article on "Daniel Boone" in Boys' Life, the official magazine of the boy scout organization. "Almost like a penniless outcast he moved to Virginia, but when fresh tales came to him of land to the west of the Mississippi, then called Louisiana, his sixty-one years did not deter him from risking a fresh start. In 1795 he established himself near the present city of St. Louis and took what he thought was a deed to land; but in 1803, when this territory passed from Spain to the United States, he found this claim worthless.

"But now the American people were awakening to a realization of what Boone's leadership in Kentucky had meant to the nation. Congress granted him 850 acres of land. There in the West, free from want, he passed his last days. Twenty-five years after his death his remains were brought back to Kentucky. And, in the land he gave to civilization, he sleeps, this man who carried the torch of civilization among a savage people and bared his chest to the shock of battle that its flame might not be extinguished."

Origin and Design of Great Seal of the United States

The great seal of the United States was adopted by congress 136 years ago. The design was suggested by Sir John Prestwich, an eminent English antiquary, to John Adams, then United States minister to Great Britain, and was formally accepted by congress on June 20, 1782. It is composed of a spread eagle, bearing on its breast an escutcheon with 13 stripes, and in its talons holding an olive branch and 13 arrows, symbolic of both peace and war.

Dairy Cows in China.

In Canton 25 years ago there were practically no cattle used for dairy purposes. Today there are about 550 cows of foreign breeds and about fifty buffaloes kept exclusively for milk. The Hongkong dairy farm and other dairies in Victoria and Kowloon, with a total of 1,200 cows, depend largely on the Chinese residents in those places for the sale of their milk.

Columns, Water and Other Methods by Which Ancients Kept Track of the Time

Sacred history furnishes the earliest reference to anything like a fixed and permanent time measurer. Isaiah speaks of the dial of Ahaz which went ten degrees backward and this dial, it has been conjectured, was a tall and slender column, which cast a shadow on a series of steps with which it was encircled. The Egyptians, too, are credited with having used their monoliths, such as Cleopatra's needle, as time measurers.

The Chaldeans had other methods of measuring time. They, as well as the contemporary Hindoos, and very likely the Egyptians, were acquainted with the water clock, or clepsydra, which measured time after the fashion of the hour glass, water taking the place of sand. It is believed that the Egyptians actually had hour glasses, for upon one of the bas-reliefs which have come to light after their long interment of 3,000 years or more is an object which those learned in such matters assure us can be nothing else than a sand glass.

In principle the clepsydra was nothing but a rod floating upon water, which was slowly dropping from an orifice in the vessel in which it was contained. Certain divisions were marked upon the rod, and a fixed pointer served the purpose of a clock hand.

RETROSPECT

"O conquering poet, thou that hast
The whole world at thy feet,
What laurel-garlands crown thy past!
Is not the present sweet?

POET.

"I'd fling away my crown of bay,
Lose it without one three,
To feel beside my own today
The tender heart I flung away
Long, long ago!"

"O statesman, thou that guidest things
With godlike strength of will,
Thou art more regal than earth's kings.
They hear thee, and are still."

STATESMAN.

"I shape the world continually,
I lay its monarchs low,
And yet I'd give the world to see
The dead eyes smile that smiled at me
Long, long ago!"

"O warrior, thou that carriest high
Thy grey victorious head,
What paeans echo to the sky
At thy war-horse's tread!"

WARRIOR.

"I heed them not. I long to hear
The child's speech, soft and slow,
That used to sound upon my ear,
So sweet, so pure, so silver-clear,
Many and many and many a year ago!"

—George Barlow.

Agriculture Is the Chief Occupation of Finlanders

In spite of its northerly position and its poor soil, agriculture is still the chief occupation of Finland, even though the cultivated area covers only 8.5 per cent of the land. The co-operative movement, the introduction and use of modern agricultural machinery and improved methods of cultivation have greatly helped in the development, but there is ample opportunity for further development. Cattle raising and dairying also have grown considerably during the last decades. The lumber industry ranks second in importance, with about 61 per cent of the area of the country forest lands.

MOTHER'S COOK BOOK by Nellie Maxwell

When men speak ill of thee, so live that nobody will believe them.—Plato.

French Loaf Cake.

Rub to a cream one and one-half cupfuls of sweet fat; add two and one-half cupfuls of sugar, three well-beaten eggs, two and one-half cupfuls of flour, sifted with a teaspoonful of soda and two teaspoonfuls of cream of tartar, three-quarters of a cupful of sweet milk, one and one-half nutmeg, grated, two and one-half cupfuls of flour again; one-half cupful of milk; mix in the order given. Divide into halves and to one part add raisins, citron and nuts; the other bake in a plain loaf. This will give you a fruit cake and a plain cake with one mixing and one baking, both with good keeping qualities.

Chocolate Cake.

Cream a tablespoonful of butter; add one cupful of sugar, one cupful of sweet milk, two eggs and two cupfuls of flour, sifted with two teaspoonfuls of baking powder; flavor with vanilla. To half a cake or less of grated chocolate add half a cupful of milk; boil, remove from the heat and add one cupful of sugar and the yolk of one egg; stir into the cake. Bake in layers and use a boiled frosting for filling.

Russian Dressing.—Into one-fourth of a cupful of olive oil put half a teaspoonful of salt and one-eighth of a teaspoonful of pepper, a few grains of cayenne, two tablespoonfuls of chili sauce, one teaspoonful of minced chives or half a teaspoonful of grated onion and a tablespoonful of vinegar. Shake in a bottle or jar until thick and well blended.

Simple Chocolate Layer Cake.

Take one cupful of brown sugar, one-quarter of a cupful of butter, one-quarter of a cupful of sour milk, one teaspoonful of soda, one teaspoonful of vanilla, one egg and one and one-quarter cupfuls of flour. Dissolve two squares of chocolate in half a cupful of hot water and stir into the cake the last thing. Bake in layers and put together with boiled frosting.

One-Egg Cake.

Beat the white of one egg stiff; add the yolk and when well mixed gradually stir in one cupful of sugar, mixed with four tablespoonfuls of butter three-quarters of a cupful of milk, one and one-half cupfuls of flour, one teaspoonful of cream of tartar and one-half teaspoonful of soda sifted with the flour.

Strawberry Ice Cream.—Cook together until a heavy sirup is formed two cupfuls of sugar and one cupful of water; add the juice from one quart of strawberries which have been mashed and squeezed through a cheesecloth. When the sirup is cool add the juice and a quart of chilled cream, with a pinch of salt. Freeze as usual.

Nut Cake.

Cream half cupful of butter; add one and one-half cupfuls of sugar; add two cupfuls of flour alternately with three-quarters of a cupful of milk. Sift half a teaspoonful of soda with one teaspoonful of cream of tartar; fold in the stiffly beaten whites of four eggs and flavor to taste. Add one cupful of nut meats, lightly floured.



REPORTS from Washington seem to indicate that the air service is going to pieces rapidly from various causes and that September will practically see the last of it. This is especially to be regretted in view of the recent numerous, extensive and disastrous forest fires in the Northwest. The lesson of these fires is that the national forests and national parks must be patrolled by airplanes and protected by wireless telephone.

Time is a vital factor in fighting forest fires. They must be detected instantly and combated promptly. Once a forest fire gains sufficient headway the flames convert each live pine into a gas retort and the flaming gas, carried by the wind, jumps far ahead of the fire line, to start new fires. Also, a forest fire will run up a mountain slope with tremendous speed, creating its own draft as it goes.

Airplane service would instantly detect a forest fire. It would reach the spot promptly, with smothering gas, firefighters, tools, provisions and materials. If the national forests and national parks are worth creating and administering, they are worth preserving. The ordinary forest fire is a calamity. The big one is a catastrophe. In a twinkling the growth of generations is gone. Where a forest stood there is desolation which will last for many a year. The losses in money this season, saying nothing of the menace to human life, would pay for an extensive air service equipment.

That there is a distinct and important place for aircraft in fire protection of timberlands has been regarded by the forestry officials for some time as beyond doubt. It was with this idea in mind that arrangements were made to have army airplanes and captive balloons cover portions of the national forests of California, Arizona, New Mexico and other states this summer. The patrolling was started early in June and has so quickly proved its worth that it was proposed to extend the service to other points in the East, including one near the White mountains in New Hampshire.

No difficulty is experienced by the airmen in detecting fires in heavy timber from elevations of 6,000 to 10,000 feet.

At present the forest service relies for the detection of fires partly on patrol, usually by men on horses, motor cycles, or railroad speeders, and partly on watchers stationed on lookout points. Aircraft have many points of obvious superiority over this method.

Lookouts in every broken country, cut up by deep canons or where mountain ridges obstruct the view, or in a flat country that affords no good points of vantage, are often unable to pick up fires quickly by the rising smoke, or to locate them accurately. For precise location the system in use depends on triangulation through reports telephoned from separate observation points. Airplanes, however, can use wireless, or even the new wireless telephone, and they can locate fires by coordinates in the same way that gunfire in war is directed to a particular spot.

Experiments made in bombing fires to put them out show the possibilities in this direction. Bombs charged with suitable chemicals for extinguishing fires have been used with good results.

At present the only observation balloon used in connection with forest fire patrolling is the one maintained at the Arcadia field, near Los Angeles. This balloon is sent aloft to a height of about 3,000 feet and remains there from 7 a. m. until 6 p. m. In case of fire a report from the balloon observer is telephoned to the army balloon school and transmitted to the forest service at Los Angeles. Another plan to be tested later in the summer is transporting fire fighters by dirigibles from which ladders can be lowered to the ground.

Outlaw Cotton Fields.

The airplane to spy out hidden cotton fields has proved successful. It is the result of an experiment carried out by the federal horticultural board of the department of agriculture. In southern Texas, where the devastating pink bollworm of cotton has been trying to invade the United States from Mexico, there are cotton-free zones, declared by law as barriers against the progress of the worm. But a few misguided farmers feel that their rights have been infringed and have developed a tendency to become outlaw cotton planters. Much of the country is heavily timbered, roads are neither plentiful nor good in many places, and it has been possible for an outlaw planter to tuck away a few acres of cotton in some nook of the woods beyond probability of discovery by ordinary means, though the department of agriculture has been making diligent efforts to spot every stalk of cotton in the quarantined areas.

Last year when workers of the federal horticultural board were on the ground, they tried out the airplane for scouting work. In this way Inspector Hensley of the board discovered seven outlaw cotton fields in the heavily wooded country along the Trinity river and around Galveston bay which had escaped discovery.

January of this year the work of locating cotton fields in the observation zone by aerial patrol was officially inaugurated and has been in regular process ever since. Two flights were made later in January for the purpose of obtaining a panoramic view of the territory bordering the quarantine lines, to note the character and extent of any forests or wooded areas which might act as a natural barrier to the spread of the pink bollworm by flight of the moth, as well as to secure some idea of the value of aerial observations in connection with entomological scouting and mapping.

These flights were made at an altitude of from 1,500 to 2,000 feet. At this elevation on a clear day a distinct vision could be had of the country over a range of 30 miles, and cultivated fields, buildings, shell roads, railway lines, creeks, and the character of wooded areas, whether pine or deciduous, could be easily distinguished. At the normal speed of the airplane—75 miles an hour—the ground moves so slowly that the observer has time to get a complete picture of the area and easily to distinguish cotton from corn fields.

Inspector Hensley is enthusiastic in the belief that the airplane will tremendously facilitate all such scouting and reconnaissance work, including mapping.

Similar use can be made of it in other agricultural and forestry surveys, which are analogous to the mapping and survey use made of it for war purposes.

The tests made last year, followed by the more important and systematic utilization of this new means of survey and inspection carried out this year, marks probably the first use of the airplane in a practical way in agriculture, and may be the starting of an important use of this new means of transportation and observation for scouting and inspection purposes in other fields of research or control work.

Moorish and Arabic Rugs.

The art of rug weaving is said to have been taught the Venetians by the Arab conquerors of Spain. Moorish rugs are still woven by the descendants of this race who live on the Spanish border. Arabic rugs are woven in the simplest patterns, and in straight lines and very bright colors. The patterns often resemble those of the log cabin quilt of our grandmothers. While the figures in oriental rugs each have their own meaning, we must not forget that every color has its own significance as well, which varies in different countries, just as the figures do. In ancient Babylon scarlet was the symbol of fire, blue of the air, and purple of water.

London Land Values

Sir Alfred Mond's supposed predilection for the skyscraper raises the question of London land values. If skyscrapers were to rear their ungainly heights in London as in New York it would not only, says the New York Evening Post, abolish the beauty of London, but would increase the price of land, especially in the heart of the city, by about 50 per cent. It has been argued that where buildings of 30 stories or more are erected people can well afford to pay more for the land values than when the buildings are of the usual London business type of five or six stories. But can anybody imagine a building of 30 stories in London? It would dwarf St. Paul's and rob the house of parliament and the Abbey of their distinction. Near the Bank of England land has been sold in recent years at £75 per square foot, or £3,250,000 per acre; in the Strand £12 to £20 per square foot is near the figure, while further west, in Bond street, for example, £25 per square foot is the ruling price. The present value of the whole of the land in London is about 500 millions; add 50 per cent and the ratable value would jump up by leaps and bounds.

A Plunger.

"Was that young Brown I saw striking you for a loan? Why, I heard that only recently he fell into a fortune."

"That's so, but he fell into it so hard that he went right through it."—Boston Transcript.

Kansas Whalers

A couple of market fishermen of southeastern Kansas are catching big river "cats" with tackle that resembles an old whale fisher's equipment. Enormous barbed hooks take the place of harpoons. Each hook has a socket instead of the usual eye, and is held by friction on the end of a long pole, to which it is also fastened by two feet of stout cord. Familiar with the habits of the giant catfish, the men have no difficulty in locating the holes where they lie. When a fish is "snagged" the jerk detaches the hook from the pole, and the captive is played until it gives up.—Popular Mechanics Magazine.

Astronomical Day.

The movement in behalf of making the astronomical day begin at midnight, so as to coincide with the civil day, has borne fruit in Great Britain, where the admiralty has just given instructions to have this reform adopted in the British nautical almanac, beginning with the issue for 1925. This step was taken after consultation with the Royal Astronomical society, which, in turn, consulted the superintendents of the ephemerides issued in other countries and various other astronomical authorities. According to Nature, the change is made mainly for the benefit of seamen.—Scientific American.

The Chilean government is planning to electrify the 60 miles of railroad between Valparaiso and Santiago.

THE JOY OF MOTHERHOOD

Came to this Woman after Taking Lydia E. Pinkham's Vegetable Compound to Restore Her Health



Ellensburg, Wash.—"After I was married I was not well for a long time and a good deal of the time was not able to go about. Our greatest desire was to have a child in our home and one day my husband came back from town with a bottle of Lydia E. Pinkham's Vegetable Compound and wanted me to try it. It brought relief from my troubles. I improved in health so I could do my housework; we now have a little one, all of which I owe to Lydia E. Pinkham's Vegetable Compound."—Mrs. O. S. JOHNSON, R. No. 3, Ellensburg, Wash.

There are women everywhere who long for children in their homes yet are denied this happiness on account of some functional disorder which in most cases would readily yield to Lydia E. Pinkham's Vegetable Compound.

Such women should not give up hope until they have given this wonderful medicine a trial, and for special advice write Lydia E. Pinkham Medicine Co., Lynn, Mass. The result of 40 years experience is at your service.

In the Bath

Before retiring, use with warm water and insure a restful night. It

Glenn's Sulphur Soap

Refreshes

(All Druggists.) Contains 30% Pure Sulphur. Hill's Hair & Whisker Dye, Black or Brown, 50c

ASTHMA

DR. J. D. KELLOGG'S ASTHMA REMEDY for the prompt relief of Asthma and Hay Fever. Ask your druggist for it. 25 cents and one dollar. Write for FREE SAMPLE. Northrop & Lyman Co., Inc., Buffalo, N.Y.

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ABSORBTION NO SALVE

STOP SUFFERING SAM'S PILE REMEDY QUICK CURE AND QUICK AT DRUG STORES OR HOO BY MAIL

SAM E. RICHARDSON DRUGGIST URBANNA, VA.

Strong Drink in Japan.

In contrast to a world going dry, Japan is extending its manufacture of hop and distilled beverages. To sake (a liquor brewed from rice and drunk piping hot) and beer is now to be added the more ardent potation of rum. A $500,000 company to distill rum from the sugar cane is being formed by active spirits in the community of Nagasaki, headed by T. Nagano, president of the Nagasaki prefectural assembly.

AS YOUNG AS YOUR KIDNEYS

The secret of youth is ELIMINATION OF POISONS from your body. This done, you can live to be a hundred and enjoy the good things of life with as much "pep" as you did when in the springtime of youth. Keep your body in good condition, that's the secret.

Watch the kidneys. They filter and purify the blood, all of which blood passes through them once every three minutes. Keep them clean and in proper working condition and you have nothing to fear. Drive the poisonous wastes and deadly uric acid accumulations from your system. Take GOLD MEDAL Haarlem Oil Capsules and you will always be in good condition. You will feel strong and vigorous, with steady nerves and elastic muscles. GOLD MEDAL Haarlem Oil Capsules are imported direct from the laboratories at Haarlem, Holland.

They are a reliable remedy which has been used by the sturdy Dutch for over 200 years, and has helped them to develop into one of the strongest and heartiest races of the world. Get them from your druggist. Do not take a substitute. In sealed packages—three sizes.—Adv.

This Cat an Exception.

The wife met her husband at the door on his return from his day's labor.

"Oh, George," she said, "we just had a visit from a black cat."

"That's nice," said hubby. "Black cats are lucky, you know."

"Yes; this one certainly was. He ran away with the steak I was going to cook for you!"

Cuticura Soothes Baby Rashes.

That itch and burn with hot baths of Cuticura Soap followed by gentle anointings of Cuticura Ointment. Nothing better, purer, sweeter, especially if a little of the fragrant Cuticura Talcum is dusted on at the finish. 25c each everywhere.—Adv.

A spoon with a strainer in its bowl to hold butter has been invented to butter corn on the ear neatly.

For speedy and effective action Dr. Peery's "Dead Shot" has no equal. One dose only will clean out Worms or Tapeworm. Adv.

Poverty is the mother of many efforts.

Anticipated calamities seldom show up.

MURINE FOR YOUR EYES

Rests, Refreshes, Soothes, Heals—Keep your Eyes Strong and Healthy. If they Tire, Smart, Itch, or Burn, if Sore, Irritated, Inflamed or Granulated, use Murine often. Safe for Infant or Adult. At all Druggists. Write for Free Eye Book. Murine Eye Remedy Company, Chicago, U. S. A.

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