

WARFARE IN AIR

Army Officer Discusses Possibilities of Aeroplane in Future.

COULD DESTROY A NATION

Whole Cities Might Be Burned by Dropping Incendiary Mixtures Upon Them.

Believing firmly that the field of future war operations will be at least partly in the air, the heads of the United States army are looking into the matter of trying out the aeroplane as an offensive weapon. According to Major George O. Squier, president of the army aeronautical board, the aeroplane at the present rate of construction and art of manipulation will be capable of flying at the rate of 100 miles an hour within two years. Lieutenant Foulis, who accompanied Orville Wright in his five mile straight-away dash from Fort Myer to Alexandria, Va., and return, says that at one time the aeroplane was 500 feet in the air.

Since that flight Orville Wright has attained a height of 1,500 feet in Germany. Foulis declares that Wright could have flown four times as high as he did at Fort Myer if he had cared to do so.

Dropping Explosives From the Air.

It was suggested to Major Squier that with the improved capacity of the Wright machine to soar in the air, practically at the will of the aviator, the aeroplane may be made to carry explosives for offensive purposes, to be dropped on cities or warships.

"It will hardly be explosive," said Major Squier, "that will constitute the really dangerous weapon of the aeroplane. It will use what we term incendiary mixtures—compositions containing phosphorus and other chemicals which ignite readily on contact with the air. Destruction by fire rather than by explosion will be the real war work of the flying machines. I really believe that in two years or perhaps a little longer we will have aeroplanes that can fly at the rate of 100 miles per hour, and the dirigibles will probably be making seventy or seventy-five.

"An aeroplane armed with a hundred pounds of the strongest of these incendiary mixtures could duplicate the San Francisco fire by circling two or three times around a city. The destruction which they could wreak at a total expense of \$10,000, including the aeroplane, would surpass that of a bombardment by the biggest battleship fleet that ever was put together firing \$10,000,000 worth of shot and shell into the doomed town.

Terrible to Contemplate.

"Army officers have not talked of this aspect of the possibilities in public. The talk is rather scary, but there is no exaggeration in saying that the value of the aeroplane as a fighting force to be reckoned with in the wars of the future is something terrible to contemplate. "What may be done with the dirigible is another problem. The dirigible is neither as convenient nor as mobile as the aeroplane. It is a better land weather craft, and it is capable of carrying far heavier loads of destructive agents. At the same time, as I have said before, an aeroplane can carry enough to do a damage that would 'stagger humanity.' And if the dirigible can do more damage it also figures in the newer war problem."

JOIN WAR ON TUBERCULOSIS.

Unions and Fraternal Organizations in Fight on "White Plague."

Ten fraternal and benefit organizations with a membership of nearly 4,000,000 and three international labor unions with a membership of over 100,000 have joined the ranks of the fighters against consumption within the last year, according to a statement of the National Association For the Study and Prevention of Tuberculosis.

The fraternal orders and unions now in the fight against tuberculosis are the Modern Woodmen of America, Brotherhood of American Yeomen, Order of Eagles, Improved Order of Red Men, Knights of Pythias, Royal Arcanum, Workmen's Circle, Knights of Columbus, Royal League, Independent Order of Odd Fellows, Foresters of America, International Photo-Engravers' Union of North America, International Printing Pressmen and Assistants' union, International Roof and Shoe Workers' union and International Typographical union.

MUNICIPAL MATTERS

Proceedings of the city council of Rock Island, Ill., held in the council chamber, Monday evening, Sept. 27, 1909. Present: Mayor and all aldermen. The clerk read payroll for week ending Sept. 25, 1909, as follows:

Sam Daxon	\$18.50
J. Anthony	8.65
John Ehlers	7.00
John Ghity	7.00
Lester Emerick	10.50

Fred Gest	10.50
E. A. Brasher	7.35
J. P. Johnson	7.35
F. Johnson	7.85
Sam Lugenbiehl	12.05
Barney Smith	10.89
Frank Russ	7.85
Callahan	5.25
Albert Kimmel	2.10
T. Manuel	12.95
J. Stroehle	7.25
G. Schaaf	23.10
J. Myers	15.75
S. Daxon	1.05
Tom Fox	4.20
E. B. McKown & Son	78.85
Dave Rooks	14.25
D. W. Kelly	12.90
Nels Peterson	9.20
Chas. Grams	11.30
Claus Beck	11.50
Emil Frank	11.30
Joe Wheelan	11.30
John Nelson	11.30
Dennis Collins	11.30
Wm. Glass	9.20
Jerry McCarthy	5.60

Recapitulation.

Health account	\$31.75
Bridge account	3.80
Second street improvement	8.40
First ward sidewalk	52.35
Second ward sidewalk	8.40
Third ward sidewalk	15.37
Sixth ward sidewalk	1.75
Contingent account	66.90
Park account	78.55
Water works expense	27.55
Reservoir expense	91.21
Total	\$385.55

On motion of Alderman Blochinger, properly seconded, the ordinance providing for the allowance of such bills was immediately considered, and on his further motion, properly seconded, the ordinance was unanimously adopted.

The clerk submitted a bill from the Twin-City Carriage Works, in amount of \$14, properly vouchered for by the committee, and on motion of Alderman Utke, properly seconded, the bill was allowed.

The clerk read draft of an ordinance granting permission to the C. R. I. & P. railway to lay a track from Forty-fourth street east to the city limits for loading purposes (can track), and communications from the Rock Island and Gravel company and Tri-City Railway company urging the favorable consideration of such ordinance. Alderman Ellinwood presented a petition from certain property owners along proposed track protesting against such rights being granted. Attorney Stafford for the Rock Island road and M. J. Murphy on behalf of certain protesting property holders were heard at length. Alderman Holzhammer moved that the matter be taken up by the street and alley committee and that the committee of the whole consider the report of such committee next Monday evening. Alderman LaVanday suggested that street and alley committee desires that the matter be taken up by the committee of the whole, and the matter being fully discussed and considered was on substitute motion by Alderman Ellinwood, properly seconded, referred to the committee of the whole to be considered and acted upon next Tuesday evening.

Alderman Holzhammer moved in view of the great volume of business before council that when adjournment is taken it be to tomorrow evening. Seconded. Carried.

The clerk read communication from Union Electric Telephone & Telegraph company asking permission to open paving on Second avenue, and called attention to fact that said company's bond had expired. On motion of Alderman Thompson, properly seconded, the matter is referred to finance committee and city attorney to report back.

The clerk read report submitted from waterworks department regarding tests of coal, and on motion promptly seconded, the matter is referred to the waterworks and finance committee to investigate matter and report back.

The clerk read communication from G. A. Koester relative to sewer in front of his property at Thirty-first street and Fifth avenue. On motion of Alderman Carse, properly seconded, communication was referred to board of local improvement.

The clerk read petition from Ward & McMahon to make water connection at Fifth avenue between Twenty-sixth and Twenty-seventh streets. On motion of Alderman Lawler, properly seconded, the matter is referred to Waterworks committee with power to act.

The clerk read petition from Reddig & Co. to make sewer connection for Rock Island Brewing company. On motion of Alderman McNeely, properly seconded, the matter is referred to sewer committee with power to act, and with understanding that connection is to be only temporary.

Clerk read communication from Channon & Dufva asking permission to make certain connection for Rock Island Laundry & Commissary building at Thirty-first street. On motion of Alderman Carse, properly seconded, matter referred to waterworks committee.

Alderman Blochinger called up matter of completing sewer at Fifth street and Eleventh avenue, and moved that the work be completed. On motion of Alderman Carse, properly seconded, the work is ordered completed, costs to be charged to First ward sidewalk fund.

On motion of Alderman Carse, properly seconded, the mayor is requested to urge the immediate repair of Tri-City Railway tracks on Third avenue.

The many uses of Gold Dust

If you were to use for each kind of washing, cleaning, scouring and scrubbing, one of the so-called special preparations which are made, you would have an imposing and expensive array of chemicals, washing compounds, cleaning pastes, etc.

There is one cleaner that can take the place of them all, and without the need of borax, ammonia, kerosene or naphtha, and that is Gold Dust.



from Fifteenth to Seventeenth streets.

Fred Applequist appeared before the council and explained his position concerning the construction of a frame addition to his property in violation of building ordinances, which matter has heretofore been discussed by council. On motion of Alderman Utke, properly seconded, the explanation of Mr. Applequist is accepted by the council and the construction of said addition is approved.

On motion of Alderman Carse, seconded by Alderman Thompson, permit heretofore issued by the mayor, granting permission for removal of Miss Kate Spear's house, Third avenue and Eighteenth street, was revoked.

The mayor again brought to the attention of the council the Twenty-eighth street paving controversy, and at his request the city engineer on behalf of board of local improvements and Professor Foss, Rev. Theodore Ekblad, George W. Johnson, Dr. J. A. Ud-

den, Pher J. Carlson, C. F. Gannon and E. H. Guyer, on behalf of property owners, were heard relative to the matter.

Alderman Frick read a resolution introducing an ordinance providing for water main on Thirty-ninth street from Fourteenth avenue to 64 feet south of Fourteenth avenue, and moved the immediate consideration of the resolution introducing said ordinance, which was properly seconded and unanimously carried, and his motion properly seconded to adopt the ordinance was unanimously carried.

Alderman Lawler moved that the matter of constructing of five-foot cement sidewalk on the east side of Twenty-fifth street from Fifteenth to Eighteenth avenues within 60 days, be referred to the board of local improvements. Seconded. Carried.

Alderman Frick introduced a resolution and ordinance providing for water mains on Twenty-fourth and a-half street, Sixteenth to Eighteenth avenues, and moved the immediate consideration of the resolution. Seconded. Carried. On his further motion, properly seconded, the ordinance was unanimously adopted.

Alderman Lawler submitted report of committee on matter of adjustment of balance claimed due by ex-City Attorney Oliver Olson, recommending the amount of \$400, in full settlement of all of said Olson's claims against the city, and providing that in consideration of such payment he dismiss his suit now pending against the city and pay all court costs. On motion of Alderman Lawler, seconded by Alderman LaVanday, the report submitted was adopted.

Engineer Treichel called attention to necessity for repairs to sewer at Augustana college library building, and on motion of Alderman Lawler, properly seconded, the matter was referred to the board of public improvements, with power to act.

On motion, properly seconded, council adjourned to tomorrow evening, at 8 o'clock.

I hereby certify to the city clerk that the foregoing is a true and complete record of the proceedings of the regular meeting of the city council, held Sept. 27, 1909.

E. R. MALONEY, Official Reporter.

Subscribed and sworn to before me this 8th day of October, A. D. 1909.

M. T. RUDGREN, City Clerk.

STAR GAZING.

The Study of the Constellations as a Pastime.

Probably every reader has often admired the beauty of a starlight night. A little careful observation on such a night will show that the brighter stars may be divided into groups or "constellations," as the astronomers call them, most of which are known by the names of animals or legendary persons, such for example as "the Great Bear," "the Swan," "Hercules," "Andromeda," etc. The easiest method of learning these "constellations" is from some one already acquainted with them, but if the beginner is not fortunate enough to know any such person the majority can be learned from any cheap star map such as are sometimes contained in almanacs.

Now, if the budding astronomer will notice the position of any of these groups or constellations at a particular hour of any night and then look a few hours afterward he will see that during the interval the stars which appeared low down in the east have risen to the south in a somewhat similar manner to the apparent motion of the sun and moon, while closer attention on several evenings will show a circular or rotary movement around the north pole of the heavens, the motion being the opposite way to the hands of a clock.

Near the north pole is a bright star called the "Pole star." This star is easily found when the observer has once noted the seven bright stars of the "Great Bear," the two outer stars of the four forming the "square" known as the "pointers" point almost directly to the Pole star. This majestic movement of the stars around the pole of the heavens is a most sublime and wonderful sight—Country Side.

Running Water Frozen.

Running water is usually the last thing to freeze solid, and when it does the cold must be extreme. J. Claude White in the Wide World Magazine gives the following description of this very rare occurrence—the freezing of a mountain torrent in a single night:

The phenomenon was one that I have never before experienced—a run-

S.S.S. FOR RHEUMATISM

Rheumatism is in reality an internal inflammation; a diseased condition of the blood cells which supply the nourishment and strength necessary to sustain our bodies. The disease is caused by an excess of uric acid in the blood, which comes from indigestion, weak kidneys, constipation, and other irregularities of the system. This uric acid produces an inflamed and acid condition of the blood, and the circulation, instead of nourishing the different portions of the body, continually deposits into the muscles, nerves, joints and bones, the irritating and pain-producing acid with which it is filled. Then follow the painful and torturing symptoms of Rheumatism. We do not claim for S. S. S. that it is anything more than a first class blood purifier, and that is just what is needed to cure Rheumatism. S. S. S. goes into the circulation, and by neutralizing the uric acid and driving it from the blood, effectually and safely removes the cause of Rheumatism. S. S. S. strengthens and invigorates the blood so that instead of a weak, sour stream, causing pain and agony throughout the system, it becomes an invigorating, nourishing fluid, furnishing health and vigor to every portion of the body, and permanently relieving the suffering caused by Rheumatism. S. S. S. is purely vegetable and will not injure the most delicate system. Book on Rheumatism and any medical advice free to all who write.

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When we arrived the waters of this stream, tumbling over the great boulders and rushing through the tortuous channels, made a deafening roar. Gradually, but almost imperceptibly, the tumult decreased, while, worn out after a hard day, we fell asleep.

A few hours later, when we awoke, a deathly silence prevailed, and on looking out, to my intense surprise, I found that the rushing torrent of the previous night had been transformed into a solid mass of ice. In this region of extreme temperatures I had on other occasions seen torrents frozen, but never under such startling conditions. On looking round we found that everything we possessed was also frozen solid, including our saddle of mutton, which was merely a block of ice. We were ravenous, but we got no satisfaction from gnawing at lumps of rock which ought to have been a succulent joint, and so, despite our hunger, we had to content ourselves with a little tea—to make which we melted ice—and a few biscuits.

Some Doubt About It.

A reception was given by the Medical club in Philadelphia in honor of Sir Lauder Brunton, a noted English physician, and in course of the evening he was engaged in a discussion of nervous ill temper. After he had described the beneficial effects of various drugs upon nervous ill tempers he said:

"I remember a middle aged woman of most nervous disposition who told me with tears in her eyes how she had once said to her husband:

"John, I know I am cross at times. I know that you find me unkind often. Sometimes perhaps you think I do not love you. But, John, remember, when such unhappy thoughts assail you that if I had my life to live over again I'd marry you just the same."

"I'm not so sure of that," John replied shortly."—Philadelphia Press.

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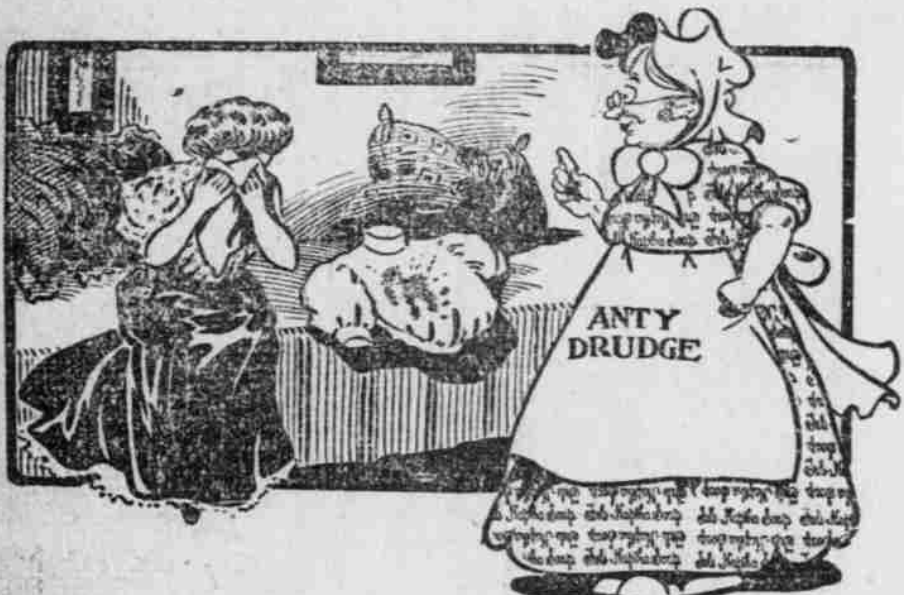
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Anty Drudge Dries Miss Pretty-girl's Tears.

Anty Drudge—"Why, what's the matter, dear? What are you crying about?"

Miss Prettygirl—"Oh, my beautiful new waist is ruined and it just makes me sick. That clumsy Will Johnson upset a plate of refreshments on it last night at the party, and spoiled all my fun."

Anty Drudge—"And his, too, I'll warrant. But dry your eyes, dear. It was all an accident, no doubt, but you feel so badly that you have to blame someone. Now if you had only known of Fels-Naptha you could have passed it off as a joke, enjoyed yourself and spared Will an uncomfortable time."

There's a right way and a wrong way to do everything.

And there is a new way and an old way to do almost everything.

The new way to wash clothes is the Fels-Naptha way—in cool or lukewarm water, no boiling, either in winter or summer, and little rubbing.

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