

GAS FOR BATTLESHIPS

May Be Coming Power For Vessels of American Navy.

GREAT BENEFIT TO A FLEET.

Experiments in Wisconsin and Indiana Give Promise of the Smokeless Warship—How Its Fighting Efficiency Will Be Increased and Coal Saved.

As a result of investigations recently made in Wisconsin and Indiana officials of the navy department at Washington are convinced that the time is not far distant when the American battleship fleet will be propelled through the water by means of gas engines. If the expectations of the experts are realized it will mean an increase in the fighting efficiency of the modern man-of-war and a great saving to the government for the maintenance of its fleet and will have a decided influence upon naval strategy.

Commander W. W. White, retired, and Lieutenant Commander John K. Robison, representing the bureau of steam engineering of the navy department, recently made an investigation at West Allis, Wis., and Gary, Ind., into gas plants with a view to ascertaining to what extent the same system can be applied to ships of war. Their report indicates that they entertain some hope of a revolution in that branch of engineering. There has been a steady development for several years in the use of gas as a motive power, confined largely, however, to stationary engines ashore. The experts say that the time is not far off when it will be possible to install a number of gas engines giving in the aggregate the required horsepower to drive the largest vessel of the American navy through the water.

Reduce Weight of Machinery.

When this is accomplished there will be an absence of smoke, which now obscures observation and interferes with the recognition of signals and, what is more important, indicates the location of a fleet to the enemy. It will mean also a reduction in the weight of the machinery, thus enabling constructors and ordnance officers to use the weights in other directions, probably by increasing the thickness of the armor or adding to the armament. This latter feature will require a general overhauling of the arrangement of the main battery of a battleship and a probable increase in the number and caliber of the guns.

Another factor which attracts the favor of the experts is the prospect that there will be a saving in coal consumption, which will enable the ship to go farther on the fuel in its bunkers than is now the case. This increase in steaming radius means much in the efficiency of a battleship in time of war and a great economy in coal consumption in time of peace. In the language of naval experts, it means that a "warship will be longer in pursuit and more elusive of capture, as the case may be."

Steam Bureau to Conduct an Inquiry.

The naval engineers do not wish it to be understood that they look for any immediate change which shall bring about this desirable condition. It is a fact, however, that they have been profoundly impressed with the situation as it is developing in the west and think the time is coming when warships will be propelled by a fuel which does not create smoke. It will be some years before the full effect of all this is realized, and in the meantime the bureau of steam engineering will conduct an inquiry which will put the service in possession of the latest information and give it the benefit of the advance of science.

DUCAL STREET SWEEPER.

Omaha "White Wings" Got Papers Saying He's a Russian Duke.

Sweeping the streets of Omaha, Neb., at \$1.75 a day, John Panuska recently received papers purporting to show that he is a duke of the Russian empire and is the owner of vast estates in the country of the czar.

"I believe I had just about as soon sweep the streets of an American city as to be a Russian duke," said Panuska as he went on with his work.

The papers came from a firm of lawyers in Prague. The Panuska family was driven from its estates more than a hundred years ago, and took refuge in Austria. The estates were usurped by others, and the Panuska family sank into nothingness and became peasants, according to the history.

John Panuska emigrated to America years ago, leaving younger brothers in Austria. Some years ago one of these, remembering the tradition that his great-grandfather's family was entitled to great wealth in Russia, began an investigation which resulted in the papers. The American Panuska is the oldest member of the family. Whether he will return to Russia or remain in America is a question with Panuska.

Volunteer Balloon Corps.

According to recent announcement by a group of Boston aeronauts, Massachusetts is to have the first volunteer balloon corps in the world. Plans are being made for organizing and equipping the aeronautic cohort at once, and official recognition by the state militia is expected. The volunteer corps will consist of men interested in aeronautics and will be made up of two divisions, pilot and meteorological. The pilot division will include leading balloonists, now making ascensions in Massachusetts for pleasure. In the meteorological division will be prominent scientists.

LATHAM OF AIRSHIP FAME.

Sidelights on French Aviator Who Holds World's Aviation Record.

Hubert Latham, the French aviator who recently made at the aviation meet in Rheims, France, a new world's record for distance with his birdlike Antoinette monoplane, smashing M. Paulhan's distance record by a flight of 95.88 miles in a little over two hours, speaks English freely and naturally, without a trace of accent—but there is occasionally a suspicion of Gallic phrasing that gives a piquancy to his conversation. He is rather a good looking young man, slight and light, weighing about 180 pounds, with a fair skin showing a golden tan and light brown hair. Without making any literary allusion or ever naming a book or an author he gives one the impression that he has read well and that his taste is fastidious.

Mr. Latham is now twenty-six years of age. He was born in Paris, but his father came from Lancashire. He has done his military service in France and is a French citizen. He spent fifteen months at Balliol college, Oxford university, where he first acquired a liking for sports. In February, 1905, he accompanied his cousin, Jacques Faure, the well known aeronaut, on the record balloon trip across the channel, landing at the gates of the Crystal Palace. In the spring of 1906 he drove an Antoinette motorboat at Monte Carlo, which brought him into relations with M. Levassieur, the creator of the Antoinette monoplane.

Mr. Latham is a splendid shot and in sang froid and general demeanor quite Anglo-Saxon. Four years ago he went elephant hunting in the Sudan and in the following year made a trip from Khartoum to Abyssinia, traveling south to the frontier of British East Africa and thence visiting India and French Indo-China.

Those who have watched him fly have been most struck by the absence of the slightest shade of nervousness or even of anxiety at moments when other aviators would display a certain lack of ease. During one of his longest flights, made in a heavy rain, he took both hands from the wheels and levers and let the machine take care of itself while he lit a cigarette. He was still smoking nonchalantly when he came to earth and was carried shoulder high by the spectators. His monoplane is fitted with a little ash tray close to the pilot's seat.

NEW WORLD STORY IN MARBLE

Sculptors at Work on Groups For Bureau of American Republics.

The work of New York sculptors for the bureau of American republics, which is being erected in Washington largely through funds contributed by Andrew Carnegie, is approaching completion and, it is expected, will be finished early this fall.

On the facade of the building will be a marble panel by Gutzon Borglum depicting General Washington bidding farewell to his generals. Adorning the facade also will be another marble panel, by Isidore Konti, representing General Bolivar assuming command of the South American army of liberation.

An elaborate frieze for the interior of the building, illustrating scenes in the history of the Latin American republics, is being modeled by Mrs. Sally James Farnham.

HOW "O. K." CAME INTO USE.

Death of a Toledo Man Recalls Origin of the Expression.

Cornelius Kendall, youngest son of Orriu Kendall, from whose initials the use of "O. K." (meaning all right) is said to have sprung, was buried in Toledo, O., his death having taken place there a few days ago. In the civil war Mr. Kendall was a member of the Chicago board of trade battery and was also a member of the firm of O. Kendall & Sons, whose bakery was in Chicago.

The firm furnished bread and crackers for the army, and on the crackers were the initials "O. K." These crackers are said to have been the only ones the soldiers relished, and their expression "These are all right" later developed into "These are O. K."

BUGPROOF POTATO.

Bay State Preacher Claims to Have Banished Pest.

The Rev. Amos N. Somers, a Unitarian minister at Montague, Mass., recently stated that he has succeeded in growing a "bugproof" potato. He said: "The vines of my potatoes have a peculiar odor which is offensive to the potato bug, for it never goes near them. I have taken bugs from plants of the usual type in the next row in my potato patch and put them in my new vines, and in half an hour I can't find one."

New Substitute For Rubber.

In a new process for making a substitute for india rubber the materials used are animal refuse capable of yielding gelatin, oils, sulphur, chromates and sodium stannate, the addition of the last named salt being the distinguishing feature of the process.

Fortune From a New Perfume.

An English chemist says that half a million dollars may be made by any one who creates a new perfume.

The Modern Maiden to Her Lover.

You say that through fire and through water
For me you would go. It is well,
As old Mother Earth's loving daughter
That story I like you to tell.
But Eternity's prowess has led me
The elements further to dare,
And if you are anxious to wed me,
Sir Knight, you must come through the air!

MODEL CHINESE CITY

Professor E. D. Burton Declares Chengtu Has No Graft Nor Dirt.

STREET BEGGING STOPPED.

Vagrants Arrested Made to Work. Wonderful Municipality Found in Western China by Chicago Savants While on Tour of Research.

Chengtu, a city lying deep in western China, but more modern than New York or Chicago, was recently described by Professor E. D. Burton of the University of Chicago. The city was taken by the professor as an excellent illustration of the new impulse toward civilization in the far east.

According to Professor Burton, Chengtu is far ahead of both New York and Chicago. A chief of police who has ordered all beggars from the streets and who teaches the indigent to work according to the precepts of modern sociology, a head of the street cleaning department who keeps the city cleaner than New York or even Paris, a superintendent of schools who is instilling modern education in law and mining and engineering as rapidly as possible—these are features of the strange story. The narrative sheds a new light on China and her people.

"Cleaner Than Chicago."

Dr. Burton was sent by the University of Chicago about a year and a half ago to study educational conditions in the far east. A short time thereafter Professor T. C. Chamberlin was dispatched as a fellow commissioner, but he encircled the globe, going in the opposite direction. The two met in eastern China and thence went together into the little known western region, where they found the remarkable city. Dr. Chamberlin returned to Chicago by way of New York the other day. Dr. Burton reached Chicago several days ago.

"We found that the head of the street cleaning department of Chengtu is a man who has traveled and who has ideas," said Professor Burton. "He had organized an efficient corps of sweepers, and once a day the pavements were gone over carefully with brooms. The dust was carted away in bags on the backs of coolies. The city is far cleaner than New York, and, as for Chicago, there is no comparison. No Graft in Chengtu.

"There is no police court in Chengtu. The head of the department could give the New York guardians of the law many pointers on how to suppress vice and put down lawlessness.

"One of his recent reforms is the stopping of street begging. Vagrants who were arrested he sent to the workhouse and kept them there until they learned a trade. It seems that there is no effort made to help this class of citizens in either New York or Chicago.

"The city has also instituted a system of compulsory education. Unlike New York and Chicago, it is the plan to make each child a producer of wealth. The schools teach only those branches of literature that will be of benefit in making a living.

"In almost every department of municipal government Chengtu could be well studied by the cities of America."

COWS THAT WEAR COATS.

Give More Milk, Too, After Their Teeth Are Brushed.

Two novel methods for dairy farming, originated and tried by W. Kelsey Schoepf, a wealthy traction man, are now a part of the routine on his farm in Glendale, a suburb of Cincinnati. Each one of the Schoepf's twenty-four full blooded Jerseys, the herd valued at \$75,000, wears a one piece cream colored linen coat every day to keep off the flies, and thrice daily their teeth are brushed carefully by two farm hands.

Mr. Schoepf has always been of the opinion that if a cow's teeth were cleaned and its disposition kept unruffled better health and better milk would result. Accordingly when it was reported that the cows wearing the coats and having their teeth cleaned produced two gallons of better milk daily the orders became permanent. Ninety pounds of butter are sold each week after the Schoepf residences in Cincinnati and New York are supplied. Mr. Schoepf's first innovation in farming was to order a daily bath for each of his Jersey cows.

Discovery of a New Island.

Captain Quatrevaux of the French steamer Thiers, who recently arrived at San Francisco from Newcastle, in Australia, announced that he has discovered a new island in the Pacific waters near the Galbiers group. According to the captain, navigation in the latitude of these islands is most dangerous. It was only with the greatest trouble that he navigated them in safety and that his vessel escaped being dashed on the rocks. The island is situated in 25 degrees 25 south latitude and 128 degrees 90 west longitude.

Rings May Be In Preserves.

The loss of \$680 worth of diamonds isn't worrying Mrs. R. A. McCleavy of Austin, Ill., nearly so much as the possibility that she may have to open all of her canned peaches in the search for the jewels. Mrs. McCleavy reported her loss to the police a few days ago. She says she may have worn the rings while canning peaches, in which case they slipped off and are in the preserves, carefully sealed. She declared she will have to wait until winter without knowing to a certainty whether the rings were stolen.

DISSOLUTION NOTICE

The partnership of Johnson and Johnson, owners of the Toggery, Corvallis, Oregon, has been this day dissolved, R. C. Herron having acquired the interests of J. C. Johnson and B. W. Johnson in the business, which will be hereafter conducted by C. V. Johnson and R. C. Herron, under the firm name of Johnson & Herron. The latter firm assumes and the liabilities of the business.

JOHNSON & JOHNSON,
JOHNSON & HERRON
Corvallis, Ore., Sept. 1, 1909 9-3-10t

Sister's Academy Opens Sept. 7th

The Academy of Our Lady of Perpetual Help will re-open on September 7th. By means of the new addition and the remodeling of the building the school is now equipped with all modern improvements, and with a corps of competent teachers may be depended upon to do thorough work both in the grades and high school course.

For particulars apply to Sister Superior, 225 West Ninth St., Albany, Oregon. 8-19 to 9-19.

Homes—Newport Property.

Sixty choice lots more or less in Newport, Oregon, (one of the most healthful and popular summer and winter resorts) for sale or will exchange for other good property. Property near Corvallis preferred. Will supply funds to buyers of these lots to build homes thereon. Address M. S. WOODCOCK, Corvallis, Oregon. thurs. tf

GEO. W. DENMAN
Attorney at Law
CORVALLIS, OREGON
Office in Fischer building, over Graham & Wortham drug store

The Daily Gazette-Times
By carrier or mail, 50c per mo.
Let us send it to you

REST---ROMP---RECUPERATE

At the Seashore

NEWPORT

Is a delightful resort and a happy combination of pleasure ground possibilities. An ideal climate—diversion of recreation—perfect bathing—boating—fishing—riding—driving, and exploring, make Newport a most charming and popular play ground.

Southern Pacific Co.

HAS A
Special Summer Excursion Rate to Newport of
\$3.75
From CORVALLIS, OREGON

Ask for our booklet "Outings in Oregon."
R. C. LINVILLE, Agent, CORVALLIS, ORE.
WM. M'MURRAY, General Passenger Agent
Portland, Oregon



Portland Business College

"THE SCHOOL OF QUALITY"

Tenth and Morrison, Portland, Oregon 22 A. P. Armstrong, LL.B., Principal
Old in years, new in methods, admittedly the high-standard commercial school of the Northwest. Open all the year. More calls for help than we can meet—position certain. Class and individual instruction. Bookkeeping from written forms and by office practice. Shorthand that excels in every respect. Special stenography department. Write for illustrated catalogue.

Gazette-Times

Biggest and Best Paper in the Willamette Valley

Oregon State Fair

SALEM

Forty-eighth Annual Exhibition
Will Be Greater Than Ever

\$35,000 in Premiums and Purses

September

13, 14, 15, 16, 17, 18, 1909

Grand Showing of Live Stock
Racing Program Complete

Reduced Rates On All Railroads

COME AND BRING YOUR FRIENDS

W. F. MATLOCK,
President.

F. A. WELCH,
Secretary.