

Village and Vicinity News.

—J. H. Smith of Ithaca has been in town this week.

—Miss Lulu Searles is visiting friends in Auburn.

—Mrs. G. B. Springer visited her aunt, Mrs. Everts, at Cato from Friday to Monday.

—Jack Howell left Monday to spend two weeks with friends at Rochester and Fairport.

—Mrs. Jane Mastin has been quite ill for the past week. She is considerably improved, however.

—A timely article on colds, sent out by the State Health Department, may be found in this issue.

—Rev. E. L. Dresser of Ithaca was a guest at Geo. Sisson's, East Venice, the latter part of the week.

—Miss Jane A. Louw went to Moravia yesterday to remain some time with her niece, Mrs. John Morse.

—Misses Edith and Louise Mead of Moravia were guests of Miss Pauline Hurlbut for the week-end.

—Mr. and Mrs. Geo. Smith of Auburn spent Sunday here with the former's parents, Mr. and Mrs. Wm. Smith.

Please call and pay for gravel. 27w1 Mrs. Mary Sill, Genoa.

—The Ladies' Aid society of the Presbyterian church will hold its annual meeting in the church on Saturday, Jan. 27, at 3 o'clock.

—The condition of Mrs. Jane Miller who has been ill for the past week, is somewhat improved. Miss Lena Sullivan is caring for her.

—Mrs. Frank Miller and sister, Mrs. Gilbert, spent a few days in Groton this week. Mrs. Millard Green came after them by auto.

—The residence of Mrs. A. L. Miller has been sold to Mrs. Helen Mastin. John B. Mastin and family will occupy the place the coming year.

—Mr. and Mrs. Erwin Escritt and daughter Helen of Auburn spent Sunday with Mrs. Escritt's parents, Mr. and Mrs. Geo. Main, in Pine Hollow.

—The Ladies' Aid society of the Baptist church will meet for work in the church parlors on Friday afternoon, Feb. 2. A full attendance is desired.

—Mrs. Ernest Mead and son Stanley spent the first of the week in Locke, assisting to care for her father, W. J. Young, who is very ill with heart trouble.

—Mrs. Jane Thome returned Saturday to the home of her niece, Mrs. F. C. Hagin, after spending some time with relatives at Cortland, Geneva and Auburn.

—Miss Louise Kelly of Port Byron was a guest of Mr. and Mrs. Frank Riley for the week-end. Miss Kelly teaches the school in the Bennett district in Venice.

—The many friends of Miss Flora Alling are sorry to know of her illness at the home of her sister in Auburn, and hope that she may soon regain her health and strength.

—Wm. Wilson was home from Cushing Academy last week on account of illness. He returned to his studies Friday last. His friend, Paul Walker of Ashburnham, Mass., was his guest a few days.

—Mrs. A. P. Bradley underwent a serious operation in the Auburn City hospital yesterday, (Thursday) afternoon and as we go to press, had not regained consciousness but it was thought the operation was entirely successful.

—The marriage of Miss Aileen Sherman and McKinley Springer, both of Genoa, took place at the residence of the officiating clergyman, Rev. L. W. Scott, on Wednesday, Jan. 24. Mr. and Mrs. Springer will reside at East Lansing.

—Mrs. Geo. Sisson of East Venice left this week for Stuart, Fla., where she will spend a month with her father, Calvin Atwood, two sisters and a brother, who are winter residents of that place. The town of Genoa has quite a colony at Stuart, a dozen Genoaese being there at present.

—Miss Frances Tyrrell was very pleasantly surprised on Friday evening last, when sixty young people gathered at her home. The music by the Misses Hunter, Smith and Sullivan was very much enjoyed. Miss Hunter gave some pleasing vocal solos and dancing completed the program. A very bountiful supper was served and a fine time is reported by all.

—Mrs. Ellen Rundell is numbered among the indisposed.

—Bert Grey went Monday morning to Auburn to begin his work.

—Senator C. J. Hewitt is a patient in Clifton Springs sanitarium where he went Friday last.

—Mrs. H. Niles and son Clarence of Groton were visiting friends in Pine Hollow, Sunday.

—Benjamin Cleggett, 89, oldest active barber in the state, recently died very suddenly at Geneva.

—The Y. P. B. group meeting of Tompkins and Cayuga counties will be held in Locke, March 2 and 3.

—Mrs. Frank Sellen, who has been very ill, is improving. Her daughter, Mrs. Claude Sellen, still remains here.

—Mr. and Mrs. E. A. Weeks of Locke spent Wednesday with the latter's parents, Mr. and Mrs. M. M. Palmer.

—Mrs. Delia Taber is reported as much improved. Her nurse, Mrs. Spafford, will remain for some time longer.

—The annual ice harvest on Cayuga lake has commenced. Orders for hundreds of cars have been received.

—In Rushville farmers are exchanging a bushel of beans for a ton of coal and both parties seem to be satisfied.

—The East Venice Grange will hold a progressive domino social at the home of Mr. and Mrs. Frank Huff on Tuesday evening, Jan. 30. Everybody invited. —adv.

—While the snowfall in this section has been light this winter, good sleighing has been enjoyed and traveling by auto is almost as common as in summer.

—Mr. and Mrs. Geo. Smith of Auburn spent Sunday at the home of the former's father, Dana Smith, who has been very ill with pneumonia, but is now improving.

—The Young Ladies' society of King Ferry will give a dance in Rafferty's hall at that place, on Friday evening, Feb. 9. Music by McDermott's full orchestra. adv2w

—There will be no basket ball game in Genoa this week. The Genoa boys will go to King Ferry Saturday night to play in Rafferty's hall. Game at 8:30. Admission 15c.

—The supper served by the Baptist Ladies' Aid society last Friday evening was well attended, despite the cold weather which prevailed. The voluntary offering amounted to \$21.

—Mr. and Mrs. Herbert Rumsey of Lansing will occupy rooms above J. L. White's feed store in Locke. Mr. Rumsey will begin work for J. L. White and son March 1, on the Whitecroft farm.

—The Ithaca News announces the marriage of Mrs. Olive Unckles of Ithaca and Edward H. Carr, of Brooklyn, a student in Cornell, which took place in Binghamton Dec. 22, Rev. John W. Nicholson officiating.

—Dr. Herman Biggs, state commissioner of health, has been granted leave of absence to go to France for the Rockefeller Foundation, to outline measures for the relief and control of tuberculosis in that country.

—The shortage of coal in Port Byron and the surrounding towns has become a serious problem. Until conditions improve the Presbyterian, Methodist and Baptist churches will unite in their Sunday services so that fuel need not be used in heating three churches.

—The funeral of Mrs. Emma Judge, aged 70, who died at the home of her daughter, Mrs. Annie Addy in Locke, Wednesday will be held at the house at 2 o'clock this (Friday) afternoon. Burial will be in the Locke cemetery. She is survived by her daughters, Mrs. Addy and Mrs. E. J. Moore of Ithaca.

—"Bill" is the popular caller on most people this time of the year, and he makes his visits usually by the mails to the males. Collect debts due you promptly and pay them cheerfully just as quickly. The Chinese custom of celebrating New Year's by paying all debts, though a heathen practice is one well worthy of adoption by people in a Christian country.—Ex.

—A conference of the rural teachers of Cayuga county, will be held in Osborne Hall, in Auburn, on Feb. 1 and 2. A special session for High school teachers will be held. The attendance of all teachers is required. H. S. R. Murphy, H. T. Morrison, Anna M. Kent, G. B. Springer and Mabelle L. Rodger, district superintendents, have directed the meeting.

—Moravia claims that the first cast iron plow was made in that village Jan. 12, 1814, by Jethro Wood.

—Bernice Darling of New London, Conn., has returned to Groton and is at work in the Corona factory.

—Painting farm implements and vehicles is a good odd job for winter; of course they are all under cover.

—Thomas Emory, 98, the oldest Mason in the state, died recently at his home in Penn Yan of pneumonia. He had been an officer in the Penn Yan lodge for 48 years.

—Miss Georgia Hare, of Groton, the only woman lawyer in Tompkins county, is one of the first two women to be admitted to membership in the State Bar Association.

—Friends in this vicinity of Mrs. J. Warren Mead of Auburn regret to learn of the accident which befell her last Sunday, when she fell on an icy sidewalk and broke her left wrist.

—Rev. William H. Casey, aged 77 years, for 37 years rector of Grace Episcopal church of Union Springs, died Jan. 17, at his home in that village. He is survived by a wife and two daughters.

—The Albright Home at Dryden, given as a home for elderly or needy women by the late Geo. Albright, was formally opened last Friday afternoon with a reception. A number of applications for admission have already been received by the board of trustees.

—Funeral services for Frank Schoonmaker, 72, who died at his home in Moravia, Wednesday, will be held at his home at 2 o'clock this (Friday) afternoon, with burial in Indian Mound cemetery. Surviving are his widow and a brother, George Schoonmaker of Marcellus.

—The business center of the village of North Ros was destroyed by fire, last week Wednesday. The fire started in Newberry's general store. The loss is estimated at \$60,000, with only a small amount of insurance. Seven stores with the greater part of their stocks were burned.

—It is said that a chemist in the employ of the Eastman company of Rochester has discovered a method of making paper from the flag which grows in such abundance on the marshes near Montezuma and Cayuga. It is also stated that a company will be formed to manufacture the paper.

—Owing to the increased cost of printing, prison officials are considering the advisability of discontinuing the publication of "The Star of Hope" the official organ of all the state prisons. The paper is edited by convicts in the various prisons of the state and last year cost the state \$10,000.

—Rev. Ernest G. Crabill, the evangelist, is alive and well at Okmulgee, Oklahoma, according to a telegram received by friends in Binghamton from Rev. Grant Chambers, a Baptist clergyman of that town and formerly pastor of a church at Johnson City. Syracuse papers printed reports of Crabill's death one night recently, but how the story started is not known.

—Roger W. Howe, 19 years of age, has been missing since he left his home in Groton Jan. 4, to return to his studies at the College of Forestry, Syracuse University. He bought a ticket for Auburn and checked his suitcase to that city. He did not return to the university and no trace of him has been found. Young Howe is the son of Mr. and Mrs. Mather Howe of Groton. The police authorities throughout the state have been asked to look for him.

—Jan. 29 has been designated as Child Labor day, when educators of the state are asked to consider the problem of child labor in so far as it touches child education: Only 26 per cent of all the white children of the country get into the High schools and a large fraction of the remainder do not go beyond the fifth grade, and the U. S. Commissioner of Education says it is partly due to our organization of industry. The central thought suggested for the observance of the day is contained in the following quotation from Phillips Brooks: "He who helps a child helps humanity, with a distinctness, with an immediateness, that no other help given to human creatures in any other stage of their human lives can ever give again." It should be noted that on Feb. 1, the amendment to the labor law of this state, goes into effect. The purpose of the amendment is to prevent a boy or girl from going to work before the age of 15 unless the elementary school course has been completed.

We Sell the BIG BEN Clock.
Big Ben, who you read about in all the leading magazines, makes his headquarters at my store. He is just as big, beautiful, convenient and trustworthy as all the papers say he is. Big Ben is not a mere clanging, whanging alarm clock. He has a soft Caruso-like voice and is an accurate timekeeper as well—an adornment to any room in the house. Big Ben looks so much better and is so much better than other clocks that people gladly pay \$2.50 for him, which is the price established by his maker. Let us show you his bright face.

A. T. HOYT,
Leading Jeweler & Optometrist,
HOYT BLOCK MORAVIA N. Y.

Collector's Notice.

Notice is hereby given to the taxable inhabitants of the town of Genoa, Cayuga County, N. Y., that I, the undersigned, collector of taxes in and for said town, have received the warrant for collection of taxes for the present year, and that I will attend from 9 o'clock in the forenoon until 4 o'clock in the afternoon for 30 days from the date hereof, for the purpose of receiving payment of taxes at the following places in said town, viz:

S. J. Hand's store, Genoa, Wednesday, Jan. 24 and Feb. 14; residence of Chas. Barger, Five Corners, Thursday, Jan. 25, and Feb. 15; G. S. Aikin's store, King Ferry, Friday, Jan. 26 and Feb. 16; and the balance of the time at my residence. Miller phone. Herbert S. Hand, Collector Town of Genoa. Dated Jan. 18, 1917. 26w4

Auction Sale.

Frank S. Brown having decided to discontinue farming, will sell at public auction 2½ miles north of Genoa village on Saturday, Jan. 27, at 1 o'clock sharp, the following: Roan horse 6 years old, wt. 1,200, black horse 9 years old, weight 1,100, 6 good dairy cows, 4 fresh, 2 coming in in the spring, 58 hens, White Leghorn and White Minorca, democrat wagon, LeRoy plow, set double harness, single harness, 10 bu. nice potatoes and quantity household goods. Stephen Myers, Auct.

—The sixty-second annual meeting of the Western New York Horticultural Society is being held in Convention Hall, Rochester, this week, Jan. 24, 25 and 26.

Ithaca Auburn Short Line Central New York Southern Railroad Corporation.

In Effect Sept. 21, 1914. Corrected to Nov. 11, 1915

SOUTHBOUND—Head Down					NORTHBOUND—Res. 1				
STATIONS	STATIONS	STATIONS	STATIONS	STATIONS	STATIONS	STATIONS	STATIONS	STATIONS	STATIONS
27	23	421	21	31	31	422	22	24	28
Daily	Daily	Sunday Only	Daily Except Sun.	Daily Except Sun.	Daily Except Sun.	Sunday Only	Daily Except Sun.	Daily	Daily
P M	P M	A M	A M	A M	A M	A M	A M	P M	P M
6 40	1 0	8 30	8 30	6 45	9 20	11 09	11 27	5 00	9 00
6 55	2 04	8 45	8 45	7 00	9 05	10 54	11 14	4 45	8 46
7 05	2 14	8 56	8 56	7 11	9 15	10 43	11 04	4 35	8 36
7 12	2 22	9 05	9 05	7 20	9 24	10 34	10 56	4 27	8 28
7 24	2 33	9 20	9 12	7 33	9 29	10 19	10 45	4 16	8 15
7 33	2 41	9 31	9 21	7 43	9 38	10 08	10 36	4 06	8 06
7 45	2 50	9 50	9 37	8 05	9 47	9 55	10 26	3 55	7 55
8 10	3 15	10 15	9 56	8 30	10 00	9 20	10 00	3 30	7 45
P M	P M	A M	A M	A M	A M	A M	A M	P M	P M

Trains No. 21 and 23 going South, and No. 22 and 24 going North are the motor cars and do NOT stop at Flag stations. Sunday trains No. 422 and 421 are the motor cars and these stop at all stations. Additional Trains between Ithaca and Rogues Harbor leave Ithaca 10:00, (daily except Sunday) 12:15, (Sunday only) 2:00 and 4:40 daily and 9:30 p. m. (Saturday only); Also leave Rogues Harbor at 10:40 a. m. (daily except Sunday) 12:50 (Sunday only) 2:35 and 5:15 p. m., daily, and 10:05 p. m. Saturday only.

Hagin's UP TO DATE Grocery Genoa, N. Y.

INVENTORY SALE Until February 1st.

You will be paying high prices for all Dress Goods, Gingham, Outings, Ripplettes, Mercerized Linings, Towelings, and all notions, yarns, threads, etc.

— Shoes and Rubber Goods are way up and still going higher —

We have them on hand at Bargain Prices.

Our customers are coming from a distance to take advantage of our GENUINE BARGAINS.

Remember our large stock of Rugs, Carpets, Draperies, Linoleums and Shades.

You will want them soon.

The old prices will surely appeal to you.

COME AND SEE US

Robt. & H. P. Mastin, Genoa, N. Y.



OUR SEVENTH

Semi-Annual

TEN DAYS' CLEARING SALE

Have proved to be one of the biggest attractions we have ever offered the people of this community. Everyone has realized that the bargains and prices we are quoting are so low that they will not be duplicated again in many months perhaps years, so they are flocking to this store to take advantage of every saving opportunity. Thousands upon thousands of staple as well as seasonable items are offered and every one at the reduced price.

The Special Departments and Bargains offered each day are as follows:

Fifth Day, Friday, January 26

Dresses for Women, Misses and Children, Kimonos, Bath Robes, Dressing Sacques, Shoes for Women and Misses. Housefurnishings, Kitchen Supplies, Enamel Ware, Tin Ware, Cutlery, Wire Goods, Carpet Sweepers, etc. Trunks, Suit Cases, Bags, Traveling Necessities, Umbrellas, Sewing Machines.

Sixth Day, Saturday, January 27

Ladies' and Misses' Coats, Suits, Raincoats, Children's Coats, Men's Wear of all kinds, Shirts, Neckwear, Suspenders, Belts, Bathrobes, House Coats, Men's Underwear, and Hosiery, Pajamas and Night Shirts. Pictures, Pennants and Banners, Toys.

Seventh Day, Monday, January 29

Gloves of all kinds, Silk, Kid, Wool, Fabric, Laces, Hamburgs, Ladies' Neckwear, Dress Trimmings, Buttons, Braids, Ladies' Cloth and Silk Dress Skirts, Peticoats and Underskirts. Furniture.

Eighth Day, Tuesday, Jan. 30

Lace and Muslin Curtains, Portiers, Tapestries, Drapery Materials, Sofa Pillows, Down Pillows, Curtains Trimmings, Window Shades, Art Department Novelties, Men's Women's and Children's Hosiery, China, Glassware, Silverware, Cut Glass, Cutlery, Crockery, Lamps, Clocks, Desk Sets, Chafing Dishes and Percolators.

Ninth Day, Wednesday, Jan. 31

Underwear and Sweaters for Men, Women and Children, Toilet Articles, Leather Goods, Stationery, Jewelry, Soaps, Perfumes, Notions, Dressmaking Supplies and small Wares. Children's Bargains.

Tenth Day, Thursday, Feb. 1

Carpets of all kinds, Matting, Linoleum, Shades, Oriental Rugs, Royal Wilton Rugs, Body Brussels Rugs, Axminster Rugs, Wilton Velvet Rugs, Ratanna Rugs, Kapaw Rugs, Real Rag Rugs, Bath Rugs.

2 RED LETTER DAYS 2
FRIDAY, FEB. 2 Everything in the Store on Sale at Reduced Prices on these two days
SATURDAY, FEB. 3

Our New Catalog has already been mailed you. If not received, write at once and another copy will be forwarded without delay.

The Special attractions for our Patrons from Out of the City are as follows:

We pay your return carfare if you purchase \$10.00 worth of merchandise. In other words, you ride home at our expense.

We ship your purchases by freight prepaid to your nearest depot if you purchase but \$5.00 worth. Or if your purchases can be shipped by parcel post, we will deliver them to your door free of charge if you purchase \$5.00 worth or more.

We will stable your horse free of charge if you drive and purchase \$10.00 worth.

We will serve a good, wholesome, appetizing lunch for only 15c.

A check room or bundle room is furnished for your convenience and no charge is made for the service. Do not lay your parcels down, check them so you won't lose them.

A rest room or lounging room where you can meet your friends, or rest when tired is conveniently located on our west balcony just above the main floor.

Do not hesitate to ask for directions or information. Anyone in our employ will be glad to assist you courteously and promptly.

We have right here in Ithaca a store as complete and as well equipped to serve you as you will find in the larger Cities of the Country. We have attempted to serve you well for nearly thirty-five years and believe we have the reputation of being fair and just in all our dealings. When you buy at Rothschild's you know you get your money's worth or you will get your money back. You're not taking any chances.

ROTHSCHILD BROS.,
ITHACA, N. Y.

Peary Could Add to Navy's Great Fleet of Airships

Admiral in Plan for Modern Defense Tells How Hostile Flotilla Could Be Sunk Without Aid of Ships

Noted Explorer Declares Proper Aerial Organization Would Prevent Enemy From Getting Near Our Coasts

WHILE he does not belittle the navy or the importance of the coast defense work of the army, Rear Admiral Peary has devised a system of new warfare, no part of which is dependent upon the success of a theory, that would render the United States independent of both branches of the service on the coast.

Admiral Peary would have the Atlantic and the Pacific so well patrolled by aeroplanes that no hostile ship could approach within a hundred miles unobserved. Should such a ship or a fleet of them be discovered he would destroy them from the air without the navy's aid.

He would make the aerial wireless the means for calling triplanes loaded with tons of explosives to sink the ships and battleplanes to destroy any air craft enemy ships might carry.

Admiral Peary thinks the air defense service is as important as either the army or the navy, and he would have its development and conduct put into a separate federal department

such a reserve of trained civilians is of vital importance, the bill is likely to be passed and the plans go into effect in the near future.

Proposed Year and a Half Ago.

"At the time the plan for the aerial coast patrol was proposed a year and a half ago international conditions were much different, no unattended war submarines had crossed the Atlantic, and the possibility of a submarine making such a crossing was denied by most people, including some high naval authorities. In outlining the plans for the aerial coast patrol we decided, therefore, on a bare skeleton organization, allowing only one aeroplane in connection with each unit.

"The revolutionary changes that have taken place make it necessary to extend the plan, increasing the number of aeroplanes in each unit to four.

"Aerial coast patrol unit No. 1, organized by F. Trubee Davison, took the first step in putting into effect that plan to use four aeroplanes instead of

and for the concentration of... if necessary, while reserve... carrying out will keep the approaching craft under continuous inspection while themselves invisible.

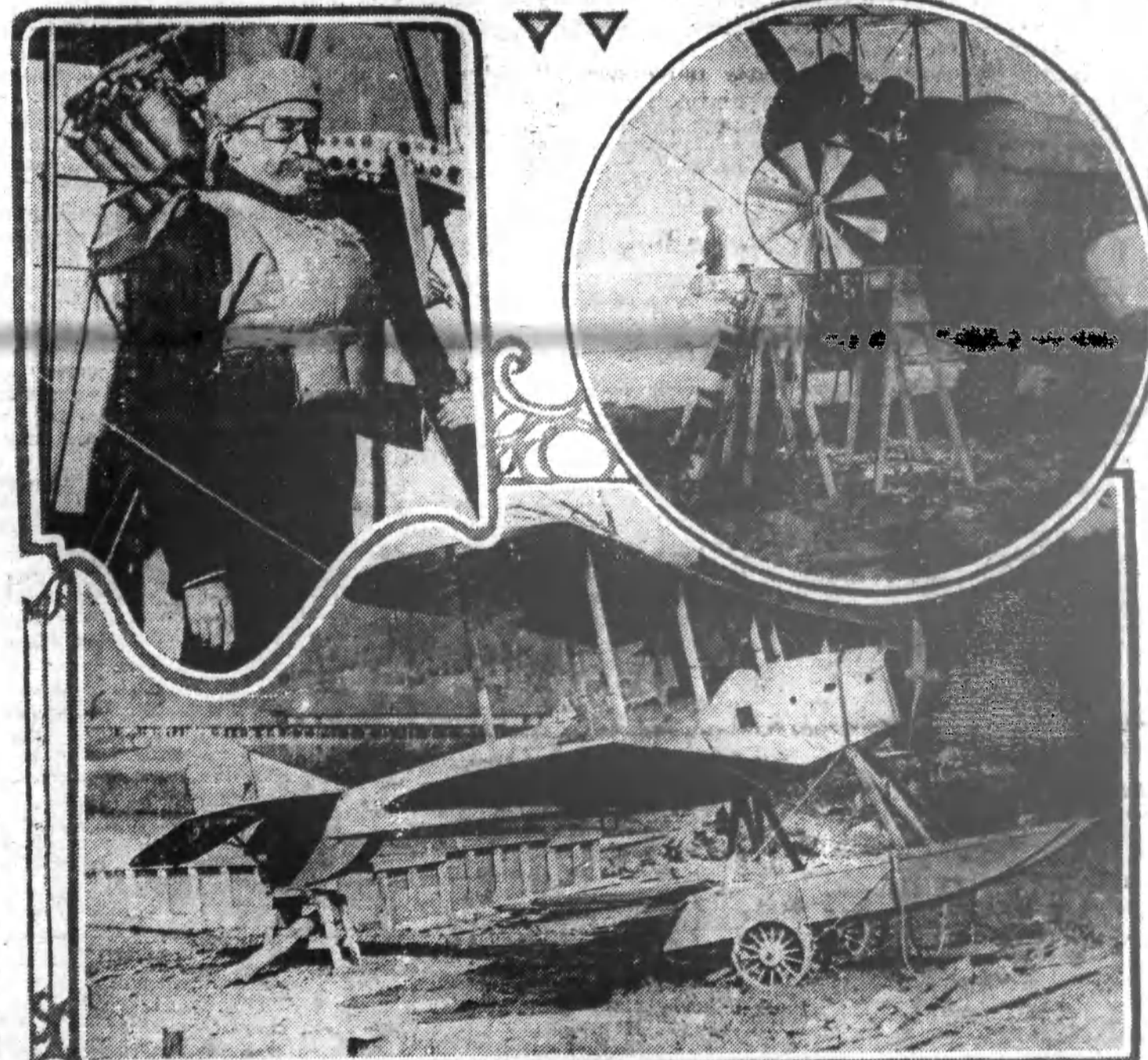
"Had there been such a system round the British Isles the Lusitania horror would not have occurred.

"Follow me a moment. One of these seaplanes is patrolling fifty to 100 miles west of San Francisco and 2,000 feet or more up in the air. A ship or ships appear on the horizon fifty miles farther out. The powerful glasses are brought into play by the observer. His trained eye recognizes the number, character and course of the ships. The wireless crackles the information to the shore station. The shore station transmits it to the great government wireless station at San Diego. That station snaps it eastward across the Rockies. In a few minutes Washington knows all about it, and if necessary orders are snapped back to San Francisco for whatever action is advisable.

Spying on the Enemy.

"Let us imagine it is war. This advance notice of the approach of the enemy is the first step. In modern warfare hours and even minutes may spell victory. The enemy is still unaware that his approach is invisible to him. With the next step a cloud of scout seaplanes sweep out in such numbers as to overwhelm and destroy the enemy's aeroplanes, leaving him blinded. They follow the squadrons of great battle triplanes, each machine carrying several tons of high explosives to drop upon the hostile fleet. You can imagine the result.

"Aeroplanes are constantly being perfected. Our facilities for building them are increasing rapidly. But machines



Photos by American Press Association.
 ADMIRAL PEARY IN AVIATION COSTUME; VIEW OF SIMON FAN, WHICH GENERATES POWER FOR AERO WIRELESS; THE THOMAS SEAPLANE.

headed by a cabinet officer. He believes the time has gone by when air fighting should be made an appendage to the work of the army and navy.

Positions Held by Peary.

Admiral Peary, who is chairman of the National Aerial Coast Patrol Commission and of the Committee on Aeronautic Maps and Landing Places of the Aero Club of America, told of the widespread interest in the patrol and of the possible need for it, as shown by the visit of the U-S, in his report read before the Aero club at its annual meeting in New York city. In connection with this, he paid a high tribute to Frederick Trubee Davison, son of Henry P. Davison of J. P. Morgan & Co., and his associates, who formed the first unit of the patrol last summer.

"The plan to establish an aerial coast patrol, consisting of a chain of aviation stations—one at every fifty or hundred miles along our coasts—is developing fast," he said. "The inexorable logic of actual events is working powerfully for it. The public interest in the plan has been great, and the co-operation of the commission has been sought by communities and groups of individuals throughout the country, who wish to establish stations in their localities.

"Portland, Me., at one end of our coast line, has raised the money for a station of the patrol; Port Arthur, Tex., is raising funds for another, and intermediate communities are ready to do their part. Congress is interested in the plan, and a bill has been introduced in both senate and house providing an appropriation of \$1,500,000 for establishing units of the aerial coast patrol under the auspices of the navy and in connection with the naval militia and the naval reserve, but owing to the shortness of time and the pressure of legislative business, congress did not act upon it at the last session.

"We are assured, however, that because this measure is intended essentially to train civilians in the use of aeroplanes for coast defense and, owing to the shortage of naval aviators,

one. This unit did valuable work in connection with the 'mosquito fleet' maneuvers, demonstrating conclusively that the aerial coast patrol will become a most practical and valuable organization, enabling civilians to prepare themselves to participate in the serious work of national defense and meeting the new conditions created by submarine and aerial warfare, to meet which this country is sorely unprepared.

"The members of volunteer aerial coast patrol unit No. 1, which has already earned for itself the distinction of having participated in the first naval maneuvers held under most adverse conditions, locating the ships of the attacking fleet as well as submerged mines, are as follows: F. T. Davison, Robert A. Lovett, John Vorys, John Farwell 3d, Albert Ditman, Wellesley Laud Brown, Artemus L. Gates, Eri Gould, Allan Ames, C. D. Wilman, A. D. Sturtevant and H. P. Davison, Jr.

Stations a Hundred Miles Apart.

"The idea is to divide our entire coast lines into sections of convenient length, say about 100 miles. Each of these sections and stations will be equipped with four seaplanes. Each of these machines will carry a driver and an observer and be equipped with light wireless apparatus, powerful glasses and a sensitive microphone. When in active operation these seaplanes in each section will take their positions some fifty or 100 miles off shore and patrol their respective beats continuously back and forth, in clear weather 2,000 feet or more above the sea, from which altitude ships fifty miles distant may be seen. At night or in the fog the seaplanes would, of course, sweep much lower, at all times themselves invisible to an enemy.

"By means of the wireless information as to the character, number and apparent destination of approaching ships will be transmitted to the shore stations and from these to Washington, whence, if the ships are hostile, orders will issue directing the movements of our fleet and the submarine squadrons for the preparation of the coast de-

are of no use without men to drive them, and it takes six months' training to render a man fit to handle an aeroplane and a year or two more to make him an expert.

"The passage of the aerial coast patrol bill and the efficient carrying out of its provisions would in a year's time add some 1,500 men to the coast defense aviation personnel of the country. This is a matter of pressing individual interest to Philadelphia, to Baltimore, to Washington, to Portland, to Seattle and other cities.

Might Ruin One of Our Cities.

"In the present development of the science of aviation a tramp steamship with a squadron of aeroplanes and a few tons of high explosives, creeping inshore in thick weather, might ruin any one of these cities in a single night. "The coast patrol, however, is but one feature of the country's needed aerial development. To obtain that development, to give us an air service sufficient for our protection, to secure for us that vital command of the air, there is one basic thing which we should have now, a department of aeronautics separate from and independent of both the army and the navy, its head a member of the presidential cabinet, in full and undivided control of a comprehensive aero coast defense system, which our peculiar geographical position and extended coast line render imperative; of a system of aviation training schools located in each of the principal geographical divisions of the country and of the civil and commercial avenues of aeronautic usefulness.

"With our resources and mechanical genius under the spur of concentrated and undivided attention such a department may in the near future be more vital to our national safety and integrity than either the navy or the army.

"One week of war cost will give us protection. One week of present war cost to Great Britain would give this country such a fleet of aeroplanes as could in an emergency sweep the shores literally like a flock of geese to defend and insure our cities from hostile."

