

HUBBARD INVENTION IN PATENT OFFICE

Seattle Boy Now Talks More
Freely About Engine.

PUBLIC DISPLAY PROMISED

Device for Generating Electricity
Without Using Power Still Is
Baffling Experts.

SEATTLE, Wash., Jan. 31.—(Special.)—Alfred M. Hubbard, Seattle boy inventor who on December 16 announced he had discovered a new electrical engine that derived its propelling energy out of the air through an arrangement of a series of wire wrapped coils, last Friday applied in person for patents on his engine at the patent office in Washington, D. C.

Friends of the young inventor in Seattle received advice by telegraph from Washington that the young man was as "cocky" over his invention as he was in Seattle at the time of the announcement of his discovery. Washington men, among them some electrical experts, in letters to friends here are just as much "up in the air" about the invention as Seattle experts were. They write in condemnation of the boy's idea, but invariably conclude by "hedging"—at first denying that he has anything new, but admitting lack of theory or knowledge as to what makes the power that lights the lamp which Hubbard uses on his demonstrating engine.

"It will scrap every steam and gas engine in the world," the young man is reported having told friends in Washington.

This indicates a volubility not in evidence in Seattle, but his friends say, his application for a patent may have something to do with this by way of relieving his mind. He has also, through a firm of Washington patent attorneys, taken steps to protect his invention in all foreign countries.

Demonstration Is Promised.

Hubbard was accompanied to Washington by his friend, Fred R. Backster of Seattle, a carpenter and contractor. They will leave for the west Sunday, stopping en route to visit friends and relatives and are due to arrive here February 7. Hubbard telegraphed friends in Seattle today that within a week after his arrival he will give a public demonstration of his engine. Not for the purpose of promoting a stock sale, because there isn't money enough to get any share of his interest in the invention, but just for the purpose of putting those friends who have been putting him in me throughout my months of experimenting in the right light.

Friends here will make arrangements for a hall, possibly the Arena, the largest in the city, where Hubbard said, before leaving Seattle, he will not only demonstrate his engine, but will take it apart while it is in the process of functioning and allow all who may be interested to examine it to assure themselves that he has not invented a new storage battery, that it contains no parts or principles of a storage battery and that his discovery is genuine.

Coils Generate Power.

Hubbard claims for his invention that it will run forever, that the power is produced by the changing change of polarity at the rate of 120 a second. He claims to have run one of his engines on a 60-watt lamp for a period of three months, and operated an electric motor of 25-horsepower at its full capacity in an 18-foot boat that was driven through the water faster than gas-motored boats of the same length and fully powered were driven. The power is generated through the arrangement of the coils, he says.

In the formal language of the application for patent, Hubbard sets forth that "this invention relates to a method and apparatus for accumulating electrical energy and a purpose of my invention is the provision of a method and apparatus of this character which will of itself and without the application of external power of any character, either mechanical, chemical or electrical, produce electrical energy of sufficient potentiality to perform useful work."

It is a broad claim, but in the opinion of the patent attorneys, meets all of the requirements of the law.

Long and detailed specifications are set forth in the application for a patent, referring constantly to the drawings that accompany them.

Invention Is Described.

Hubbard describes his invention as consisting of a coil composed of a brass pool, wound as follows: First, a layer of copper wire next to the shell of the core; second, eight smaller wire wound copper coils set around the circumference of the layer of copper wire; third, another layer of copper wire inclosing the eight coils; the core of the layer of incasing coil is composed of tungsten steel and the cores of the eight small cores are composed of the same metal. Each of these eight coils is made up of a primary and secondary winding of copper wire. These eight are arranged around the circumference of the larger coil in alternation so as to bring opposite magnetic poles into juxtaposition, producing alternation in flow of the electric current.

Hubbard asserts that this arrangement of eight smaller coils set as desirable in the larger coil will, of its own and without application of any extra power and without setting it in motion in any fashion, produce electrical energy.

Seattle electrical experts who were told of the construction of Hubbard's electrical engine today said, "it can't be done," or "the boy may have discovered something along a new line we have not figured on." Those who said "it can't be done" qualify their statements when questioned by stating, "of course there is a possibility of something new, but from having talked with Hubbard about his apparatus when he was here, I would be willing to wager anything Hubbard is not the lad who is going to find a new principle."

Some Frankly Baffled.

Some of them admit in fairness that they are baffled by his invention, and perhaps are given to judgment of it by their judgment of the boy himself. These men declare that they do not believe Hubbard knows enough about electricity to make such a discovery. The fact remains, however, that Hubbard has devoted the greater part of his time during the past five or six years to making experiments at his home, where he has rigged up a shop and whatever he has got as a result of his work is something that even the most expert of electrical workers and engineers are unable to fathom. They hold it to their ears to catch the sound of a mechanical contrivance, but there are no movable parts, and

NEW SECRETARY OF AGRICULTURE IN PRESIDENT WILSON'S CABINET, WHO IS DECLARED TO BE UNUSUALLY WELL EQUIPPED FOR THE POSITION.



EDWIN T. MEREDITH.

E. T. MEREDITH LAUDED

PORTLAND MAN DISCUSSES CABINET MEMBER.

New Secretary of Agriculture Declared to Be Well Able to Handle Big Problems.

Edwin T. Meredith, confirmed yesterday as secretary of the department of agriculture in the cabinet of President Wilson, is a man who has a big vision and a thorough grasp of the problems now confronting the industry throughout the whole country, according to E. E. Faville, editor of the Western Farmer, who formerly was associated with him as managing editor of Successful Farming, published by Mr. Meredith in Des Moines, Ia.

"Mr. Meredith is a very successful and resourceful man," said Mr. Faville. "He has built up his newspaper until it reaches more than 1,000,000 farmers and has a corresponding influence throughout the country. Through this medium, also, he has assisted many boys and girls who wished to engage in certain features of farming, by loaning them the funds in a systematic way."

TRAFFIC TO BE WATCHED

SECRET COMMITTEE OF 250 CITIZENS ASSIST POLICE.

Object Is to Cut Down Number of Automobile Accidents Through Law Enforcement.

The operations of a vigilance committee composed of 250 Portland citizens appointed for the purpose of seeing that the traffic laws are strictly enforced, will begin today, according to an announcement made at police headquarters.

The committee, membership in which is to remain a secret, has been appointed for some time, but the opening of the campaign against violation of traffic laws was held up until the first of February in order that lists of the holders of the 1920 license tags might be received from Salem.

The committee is to operate in conjunction with the police and members will report not only violations of the laws, but also any condition which might result in accidents, such as obstructed streets or open manholes.

Reports of the members of the committee and investigations incident thereto will be in charge of Patrolman P. R. Johnson at the police station. Officer Johnson is himself an attorney and consequently is considered well qualified to fill that position.

The work of forming the committee and outlining plans for the campaign to be carried forward is to a great extent the result of the work of Harry P. Coffin, manager of the local branch of the national safety council.

NEGRO IS FINED \$100

Alleged Opium Dealer Also Gets 60-Day Sentence.

Edward Simmons, negro proprietor of an establishment at Fourth and Flinders streets, was fined \$100 and sentenced to serve 60 days in jail yesterday when he appeared in the municipal court to answer to a charge of selling morphine.

Simmons was arrested Friday night after a package of morphine was said to have been purchased from him with a dollar bill, the number of which had been taken for identification.

After his arrest by Patrolmen Watson, Craig, Wood and Regue of the emergency squad, he is said to have taken the bill which had been used for the purchase of the morphine, and tearing it up swallowed a quantity of it, including a portion of the number, before the officers could prevent him.

The patrolmen also testified that Simmons offered them a roll of bills containing about \$250 if they would let him go. This was denied by Simmons.

Ball for appeal in the case was set at \$500.

Annapolis Appointments Made.

OREGONIAN NEW BUREAU.

Washington, Jan. 31.—George Winfield Scott of Yamhill, Dale Conn of Meadow Creek and Calvert Applegate of Yoncalla were appointed by Representative Hawley today as his three principals for shipmen at Annapolis Naval academy. Walter K. Crandall of Hillsboro was named as first alternate to each of the principals.

BLIND FOLK AWAIT FATE

House Bill Would Provide Home and Suitable Employment.

With all the enthusiasm at their command, the sightless people of the state are supporting house bill No. 77, introduced by Oscar Horne of Portland, and passed by the legislature in special session as a measure upon which the people are to vote in May. It provides for the levying of a small tax in 1921 for sufficient buildings and maintenance and is thereafter to be supported by a levy and is designed, if adopted, to take care of the blind at suitable employment.

"This bill will be the greatest blessing to the blind people of Oregon, if the voters are kind enough to adopt it," said J. F. Myers of Portland, superintendent of the school for the blind of this city. "It will take care of them, not as paupers, but will provide suitable employment for them and a means whereby their families may be comfortable without working the slightest hardship upon the taxpayers. Mr. Horne and many others have given this subject great thought and have devoted much time to working out its provisions, so that, if it becomes a law, we are sure it will be just the right thing all around."

The famous Luray cave, in Page county, Virginia, underlies an area of about 100 acres and consists of many chambers, only a few of which have been thoroughly explored. There are several tiers of galleries, the depth from the highest to the lowest being about 260 feet.

\$184,377 DISBURSED FOR SOLDIERS' AID

Sam Kozar Makes Report on Educational Law.

3311 FILE APPLICATIONS

Amendments Requiring 60 Hours' Study Not in Effect Until July 1.

SALEM, Or., Jan. 31.—(Special.)—More than \$184,377.61 has already been disbursed by the state of Oregon in assisting honorably discharged soldiers, sailors and marines in pursuing courses of study in institutions of learning under the so-called financial aid law approved by the voters at a special election held last June, according to a report prepared here today by Sam Kozar, assistant secretary of state.

This law provides that the state will aid any honorably discharged soldier, sailor or marine in a sum not to exceed \$25 per month or \$200 in any one year for a period of not more than four years, and carries an appropriation of 2 mill on the total taxable property of the state. The amount included in the tax levy for 1920 for this purpose was \$198,087, which, together with the sum of \$250,000 appropriated at the recent special session of the legislature, makes a total of \$448,087 for covering this expense from June 1, 1919, to December 31, 1920.

For assistance given from June 1 to August 31, claims aggregating \$152,866 have been paid. For the month of September, \$25,353.16; for October, \$51,450.68; for November, \$55,656.03, and for December, \$49,700.68. Not all the claims for December aid have been filed with the secretary of state.

The files of the office show that 3311 applications have thus far been received from ex-servicemen who are pursuing courses in 106 of the educational institutions of the state.

The law as originally approved by the people at the special election June 3, 1919, was amended in some respects at the special session of the legislature, but these amendments will not be in effect until July 1, 1920. They provide for a minimum of 60 hours per month for all the courses except service men pursuing courses of study in which the hours of recitation are a lesser number than that which will be added proportionately.

POULTRY SHOW CLOSES

Spokane Breeders Declare Event Success in Every Way.

SPOKANE, Wash., Jan. 31.—(Special.)—After a week of popularity the midwinter show of the Spokane Poultry Breeders' association closed tonight. Officers of the association declared the exhibit to have been a success from every standpoint. While no figures are yet available, the attendance this year was far above that of previous shows, and the financial return was the greater.

Inasmuch as the show was held in a rather out-of-the-way location and in upstairs quarters, such large patronage from the general public was a surprise.

The attendance of out-of-town people was large.

BONDS FOR SCHOOL VOTED

Centralia to Buy Site and Put Up Better Building.

CENTRALIA, Wash., Jan. 31.—(Special.)—Patrons of the Centralia district at a special school election yesterday voted \$55,000 in bonds for the erection of a new Lincoln school; curing more in kind for the purchase of two additional halfblocks of school property an din favor of tearing down the present Lincoln school, the site of which is located on the corner of blocks to be purchased, will be used as an athletic park.

A total of 882 votes was cast at the election. The bonds for the school carried 752 to 112; the bonds for the removal of the building, 748 to 112.

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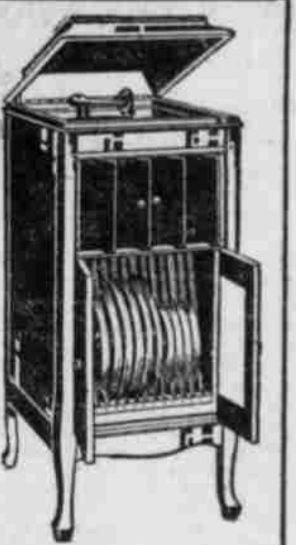
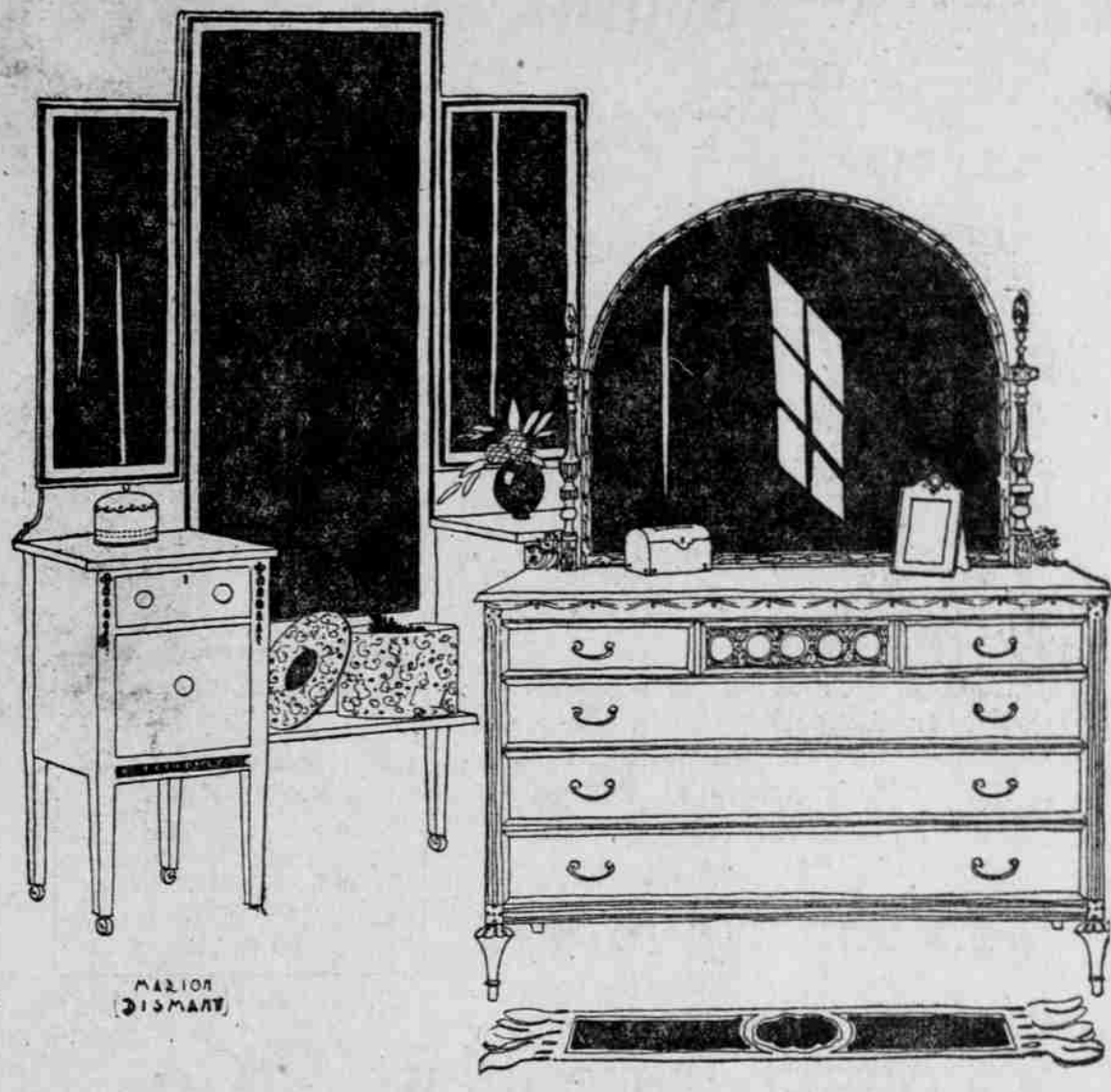
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Beautiful New Suites for the Bedroom

Never, in all the years we have sold furniture, have we seen any so beautiful as the suites we have just placed on our floors.

We are anxious that you, too, may see these most luxurious of home comforts. If you will call in we will gladly show them to you. Suites are here in fine American walnut, in rich brown mahogany and in the daintiest of ivory enamel. Period, colonial and modern types—all are here for your pleasure. Shown on the fourth floor.

See the new bedroom suites in ivory enamel, with vanity dresser. They are graceful, dainty and moderately priced.

The Davenport—the Essential Piece for Every Living Room

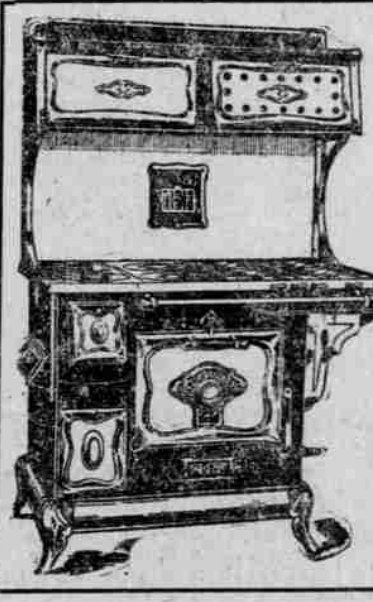
We are showing new arrivals in Davenports of fine cane combined with rich brown mahogany, upholstered in fine damask, velvets and tapestries. We also show many Overstuffed Davenports in which beautiful tapestries are used for the covering. Our exhibit of Davenports is one of the largest; our prices are attractive.

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\$18.00 Light.....\$ 9.00
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\$30.00 Book Case.....\$16.00
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