

**Do you
know**

HOW easy it is to open a bank account? So many people have an idea that it is a very difficult undertaking, to open a bank account and that the bank does not care to bother with them unless they have a large amount to deposit. On the contrary, we are pleased to help you get started, no matter how small your account may be.

THE CITY BANK

Orton Hill, President
W. A. Watts, Cashier

Hill, Watts & Co.
Responsibility \$150,000.00

FRESH CAUGHT

**Fish
or
riday**

At WEYRICK'S

Everything in meat
That's good to eat

Agency for Baxter Laundry. Laundry called for and delivered.

**New Spring
Dinner
Ware**

1906 patterns just arrived. An inspection will please both dealer and patron and will not cost you a cent unless you buy. Just so with our

**Near Cut
Glassware**

the most brilliant imitation of cut glass made. We also have the best makes of real hand-cut and polished glass at prices that will suit the people.

A. D. OLIVER

Watches, Clocks, Jewelry and Repairing.

Burn Soot

**Destroys all Soot
Does away with Chimney Sweeps**

No more soiled curtains, draperies, upholstered furniture, carpets and rugs when you use Burn Soot. Come in and let me explain it to you.

EARL HUNTER

Phone 127 Office in Williams' store.

WOOD AND COAL.

ICE

The season is open and we want your patronage. We guarantee good clean, pure ice and the best of service.

Kalward & Nordhock

Phone 125. 1wp

A NEW HARDWARE COMPANY.

The Lowell hardware firm of Scott & Winegar dissolved partnership April 19, and the Scott Hardware company was organized in its stead with the following stockholders: James A. Scott, Geo. M. Winegar, P. S. Krum, Carl Althouse, Adam Behler, H. S. Young.

Mr. Winegar will retire from active connection with the business and expects to move to Grand Rapids about June 1.

See Smith's ad on back page. Jersey ice cream. Smith's bakery.

MAN HUNT IN LOWELL.

Sand Lake Burglars Captured on Bridge Street. One Badly Shot.

Two men, James Reynolds aged 53 of Philadelphia, and Patrick Collins aged 63 of New York, supposed to have attempted robbery of the Sand Lake post office Wednesday night, were captured on Bridge street, Lowell, last Friday night after a sharp pistol battle on the part of the officers, and a third man, desperately wounded, got away and is still at liberty.

After the failure of their attempt to blow open the Sand Lake post office safe, the thieves stole a horse and buggy and started down this way. They were tracked as far as Cannonsburg, there the trail was lost for a time then found and followed to Egypt. There the chase was again abandoned, but the men were supposed to be making in this direction. Deputy Sheriff Armstrong came down from Cannonsburg Thursday night, and, with Constable George Taylor and Deputy Sheriff Kennedy of Grand Rapids planned to catch the robbers should they drive in here that night. He Wood and Newell Hand were stationed at the upper Grand river bridge, and Armstrong, Kennedy and Taylor on the west side, at the corner of Hudson and Bridge streets. Men were already watching at Ada and at Saranac.

Shortly after midnight the three men heard a rig coming from the north. It stopped within about half a block of them, and as the officers moved into the shade to look into it, the occupants of the buggy saw them and suddenly wheeled and drove north about two blocks, then turned west. The officers followed them to the corner, and then, thinking the fellows would make for the Ada road and try to come up around them, they turned and ran south, down to the place where the Ada road joins Hudson. After listening for several minutes Kennedy and Taylor left Armstrong there to watch, and they hurried back to Bridge street, waited a moment and then went north again, thinking to follow the tracks of their men. As they reached the Parker corner they heard a sound in the direction of the Giles house, and made a dash for Bridge street, reaching the corner a short distance behind the men, who had whipped up and driven rapidly down the street. Just then they heard firing. He Wood, who with Hand had been watching at the upper bridge since ten o'clock and had heard no sound, started back toward the village soon after twelve. As he reached the Giles grocery corner he heard the rig coming from the west, then it stopped and he turned back, thinking they would go around the block and he could head them off. Soon he heard it coming on and ran across the road to the Waverly hotel just as the men drove up there. Wood stepped into the road and ordered them to halt. They whipped up and drove on and he fired two shots at them with a revolver. As they reached Winegar's drug store he fired three more shots. A hole in the plate glass front of that store shows where one ball went. Two men jumped from the buggy and ran down the road. The third was thrown out on his head and shoulders but was instantly on his feet and disappearing in the direction of the Pere Marquette track. Wood followed the two towards the post office. Night Watch Hiram Lane, coming from the east on his regular beat, heard two men running toward him across the bridge and started down the street on a run, meeting the first man in front of B. C. Smith's shop. He jumped into the road and commanded the man to halt. The older man, who was behind, heard the order and dashed into the open shed of Brown, Seiler & McKay, followed by the first man. Lane closed up on them and called to Kennedy and Taylor, who had just come up from the west, to watch out. Kennedy stepped up close to the barber shop, ordered the men to come out, and then shot into the shed twice. The younger man came out, Taylor searched him for fire-arms, and Kennedy snapped handcuffs onto him. Then Lane went in and brought out the other, and Wood handcuffed him. Lane discovered a revolver which the man had hid under one of the machines, but this was the only weapon found. Armstrong, who had been stationed down at the Ada road, had run up as fast as possible after hearing the first shot and arrived just as the men were caught. They were jailed for the rest of the night and Armstrong was left to watch them until morning, when they were taken to Grand Rapids.

The officers put the horse and buggy into the Watters barn and found in it a fine kit of burglars' tools. They searched the Pere Marquette freight going north and the buildings around the track, but found no trace of the fugitive and gave it up till daylight. In the morning they found a trail of blood which they followed down the track toward Ehdale, from there to Alto, and towards Freepont, not giving up the hunt until night. Since then they have followed up several reports of a wounded man crawling along the track, or limping by means of a stick, but have not found him.

The horse and buggy with which they drove into Lowell was identified and claimed the next morning by Jerome Crampton, of Ada, and the rig which they stole at Sand Lake was found between that place and this.

A reward of \$100 has been offered by the government for the capture of each of the burglars, a share of which should certainly go to the Lowell men, without whom the capture would not have been made.

O. M. J.

Deputy Sheriff Kennedy was in Chicago Tuesday, where he learned that Collins and Burke are notorious criminals and jail-breakers who are wanted in Chicago and elsewhere for bank robbery and burglary. The man who escaped is said to be Patrick Flaherty, 30 years old, who is described as a "stick-up" man, one who shoots if hands fail to hit. Four murders are attributed to the gang.

A GOOD TESTIMONIAL.

Hardware Journal Has a Parting Shot at Old Lowell Agent.

The Iron Age, leading hardware review of the country, has this to say of our townsman, Orton Hill.



Orton Hill, who has acceptably represented the Reading Hardware Company's large line on the road for over 30 years, has concluded to take a well earned rest from the exactions of continuous traveling, having resigned his position with the Reading Company, April 1. Mr. Hill began traveling as a salesman for Brown, Hinman & Co., Columbus, Ohio, manufacturers of steel, in October, 1873, and so continued until February, 1876, when he took on the Reading Hardware Company's line, traveling for the two firms and selling both lines for a number of years, and until the Hardware portion increased, so that he ceased to represent Brown, Hinman & Co. and devoted his entire attention and time to the goods of the Reading concern. His territory included such cities as Pittsburg, Cleveland, Detroit, Milwaukee, St. Louis, Louisville, Cincinnati and other important towns. Mr. Hill still lives in Lowell, Mich., where he has lived all the years he represented the Reading Hardware Company and where he has for some time been president of the City Bank of Lowell. His geniality has won and retained hosts of friends, being respected for his straightforward and upright qualities and popular with the traveling fraternity in his territory as well as with his customers. In fraternal organizations he is well known as a Knight Templar and Shriner. In what will be still a busy and useful life, though no longer spent on the road, Mr. Hill will have the congratulations and good wishes of many friends.

KEN MERRIMAN IN QUAKE.

Lowell Boy Writes to His Mother of the San Francisco Horror.

Oakland, Cal., Apr. 21, 1906.

Dear Folks:—No doubt long before you receive this, you will have heard of the awful destruction of San Francisco. It is too terrible to try and describe by letter, as I haven't got over the shock yet and my head aches terribly still.

It happened at 5:13 a. m. Wednesday morning, just as I was pouring out my coffee. In the north end of my room, bricks began falling, and being all dressed, all I had to do was to unbolt my door and fly down stairs at about six steps at a jump. On reaching the street, saw lots of people in night dress who didn't have time to dress.

Well, as soon as the first shock was over I flew up in the room again, and my oil stove had tipped over and set fire to the carpet, so I grabbed the pitcher of water and put that out and packed my trunk as fast as I could, thinking every minute there would be another shock. Well, I fixed up the best I could and pulled my stuff down the entry, so I could get it handy anytime and started for the shop on Battery St. On getting down there found that the whole building had collapsed and that there was no chance of saving my tools.

I walked all over the business district before the fire had got much headway and such a sight. O! it is something terrible. On Clay St., only four blocks from my room, a big building fell down, killing horses and men. In fact, all over the city were strewn dead horses, white men and Chinamen.

Out of a large and beautiful city there is nothing left but charred and twisted bricks, walls and iron.

I am lucky in escaping with my life. I've lost all my tools and a good job, and that is all, while thousands have lost their business places, homes and everything.

San Jose is nearly wiped out as well as Santa Rosa, north of here. Oakland suffered considerably and Los Angeles some but nothing in comparison with Frisco.

(Continued on last page)

UNLIMITED

WALL PAPER

CHOICE

Our new stock of wall papers affords the people of this section practically unlimited choice of patterns. We have more papers, better patterns and a wider variety than has ever been seen here before. In view of the stocks carried in previous years, this statement may seem a trifle extravagant, yet we state but the simple facts. For the same reason we intend selling a larger share of the wall papers used this year and to insure doing so we have put prices on papers that will be sure to attract all careful buyers.

The Stock is Ready

This big stock is now ready for your inspection and whether or not you are going to paper this spring we shall be pleased to have you come in and see the new styles. If you are going to paper bring in the dimensions of your rooms and let us give you some interesting figures.

All the New Specialties and Mouldings to Match.

D. G. LOOK

The Drug and Wall Paper Store.
You know where.

"Huh! White man heap lazy, walk sitting down," said the red skin when he first saw a bicycle. Stocking's store is headquarters for

Bicycles and Repairs

1906 models now on our floors also full supplies of

Baseball Goods, Boxing Gloves and Fishing Tackle

New stock of Victor and Edison Talking Machines and Records just received.

R. D. Stocking

Pianos, Organs, Sewing Machines, Watches, Clocks, Jewelry, Silverware and Repairs

PURE JERSEY

Ice Cream

Prices
\$1.00 Per Gallon
30c qt.

Beginning next Saturday we will be prepared to serve you with our delicious Ice Cream. We have arranged with Mrs. J. E. Lee for our supply of Jersey cream and can guarantee you a very fine frozen cream.

Smith's Bakery.

LAMB WIRE FENCE

"Best Along the Pike"

We have a full stock and our price is as low as we can possibly make it. Call and see us before buying. We want your business.

Scott Hardware Co.

THE LOWELL LEDGER

MAGAZINE SECTION

LOWELL, MICHIGAN, THURSDAY, APRIL 26, 1906.

PART TWO

EDUCATION FOR INDIANS.

"MOTHER KATHERINE" DREXEL SPENDS MILLIONS IN THIS WORK.

Has Founded Many Schools, Employing Indians to Build Them—Only Full-blood Indian Catholic Priest in the World.

Many thousands of Indian children in Oklahoma and Indian Territory have been educated by means of the "Drexel millions," a large portion of which has for years been devoted to the cause of Indian education by Mother Katherine, formerly Miss Kate Drexel, of Philadelphia, sister of John H. Drexel, banker and sugar magnate, and closely related to the others of the same name who have made it famous in the world of finance. It was Mother Katherine who started the Indian school at Chillico, which has now been taken in charge by the government, and made the principal Indian training school of the Southwest. The two schools at Pawhuska, in Pottawatomie county, are also monuments of her bounty.

She keeps in close touch with her work, and visits the Oklahoma schools in which she is interested at least once a year. She is usually accompanied by her sister, who is also deeply in-

known being the Nazareth Institute at Muskogee, which was founded in 1891. It was beset by many difficulties during its earlier years, but survived them all and is now a flourishing institution. The institutions which have prospered the most, and in which Mother Katherine has taken the greater interest, are, however, naturally these among the tribes which were already under the influence of Catholic teachings, the Osages and the Pottawatomies. The Osages had of course been instructed in the Catholic faith before their removal from Southern Kansas, by the fathers at the old Osage missions, now St. Paul, first under the directions of the venerable Father Schumacher, and later under Father Paul Ponziglione, a near relative of the royal family of Italy, who made many journeys among the Osages after their removal to the territory. Father Scroll, of Independence, Kan., also used occasionally to follow the trails through what is now Oklahoma as far west as Fort Sill.

The beginning of the work among the Pottawatomies was also made as far back as 1871, when Father Robot, a French missionary, offered his services to the bishop of Little Rock, who then had jurisdiction over this territory, and struck out into the Indian country. He settled first at Aoke, but in 1874 moved to Sacred Heart, founding the famous abbey of the Benedictines there, which is the only mon-

astery in the United States governed directly from France. Its first abbot was Father Felix DeGrasse, a lineal descendant of the famous French admiral. Upon his death two years ago he was succeeded by Father Murphy, a native of Savannah, Ga., and the first man of American birth to join the brotherhood at Sacred Heart.



"MOTHER KATHERINE" DREXEL.

terested in the work, and who heartily approves it, in common with the other members of the family. All of the millions she has expended for Indian education have been employed under direction of the Interior Department, as her long study of the Indian problem is recognized to have made her one of the best authorities on the subject in the country.

Planned the Buildings Personally. The St. Louis and St. John schools at Pawhuska, both founded by Mother Katherine a number of years ago, are good examples of the work she is doing for the education of the Indians. Both have handsome and commodious buildings, planned personally by Mother Katherine, and have given hundreds of Osage children their first knowledge of the white man's learning. Many of the teachers are themselves Indians, graduates of these or similar schools, who have entered with enthusiasm into the education of their fellow tribesmen. The Osage schools receive some assistance from the government, and their scope is greatly widened by the orders now in effect from the agent's office that every Osage child of school age must be in school in order to draw its share at the annuity payments.

Used Indian Labor. While Mother Katherine's benefactions have always been liberal, it is her plan to let the Indians do the work whenever possible, in the construction of buildings and work of a similar character. When the Sacred Heart school burned five years ago, and was rebuilt Pottawatomie and Kickapoo Indians made the brick for the new structure, and did much of the work towards its construction, working, of course, under the direction of a white contractor. Much of the maintenance of this school, which is claimed to be the oldest west of the Mississippi river, is borne by Mother Katherine, and it was by her visits to this school that she discovered Albert Negahnquet, the fullblood Pottawatomie boy educated by her, and who is now the only full-blood Indian Catholic priest in the world. After his graduation at Sacred Heart, she paid his expenses through Carlisle and the Catholic university at Washington, finally finishing his education at Rome, from whence he returned only two years ago, to take up his work among his own people.

Is Founder of Several Schools. A number of schools of the same sort have been founded and maintained by Mother Katherine, probably the best

LARGEST BATTLESHIP.

TEN MILLION DOLLARS FOR THE CONSTRUCTION OF GIANTIC "CONSTITUTION."

More Destructive and Terrible than the new Floating Giant, the English "Dreadnaught"—Old "Constitution" to be Saved.

One hundred thousand dollars for the preservation of the old frigate Constitution, and \$10,000,000 for the construction of a huge new battleship of the same name are two provisions to be included in the naval appropriation bill.

The new Constitution is to be the most powerful ship of war afloat. She will excel the British Dreadnaught recently launched by King Edward by as much as the Dreadnaught will excel anything afloat when she is completed. Her authorization may be said to be directly the result of Togo's victory in the Sea of Japan. It was the British naval attaché on board Togo's flagship who hurried home after that battle and warned the Admiralty of the needs of the British navy, and this brought about the construction of the Dreadnaught. Now we are to follow and eclipse the British naval wonder.

The Navy Department has secured full information concerning the plans of the Dreadnaught, and the arrangement of her powerful armament, so that it is known exactly what must be done to beat her.

In order that the department may not be hampered in any way in determining upon the plans of the new Constitution the forthcoming bill will provide that the Secretary of the Navy may use the contingent fund to secure information from ship-builders the world over, if he so desires, before finally accepting the design of the ten-million-dollar pacifier.

Provisions for Ship.

This provision for the new American sea fighter is in line with the desire of the President and the earnest recommendation of Admiral Dewey, who recently appeared before the Naval Committee of the House and gave a spirited talk in support of his views as to the necessity of constructing larger and more powerful battleships for the American Navy. At the time the naval estimates were made up last fall, Secretary Bonaparte was opposed to any such increase, but he has since come around to the side of the President, and is now heartily in favor of the committee proposition.

The naval experts in Washington have long been convinced that the 18,000-ton battle ships Michigan and South Carolina, authorized by the last Congress, represent the limit of possibility on a displacement not decidedly greater. To go beyond, in any appreciable degree, the fighting efficiency of such ships, it will be necessary to have not only more powerful armament, but higher speed and greater steaming radius, to gain which there must be heavier and more powerful machinery and greater coal-carrying capacity.

The displacement of the Dreadnaught is but 2,000 tons greater than that of the Michigan or the South Carolina. Naval construction ex-

perts say that an addition of 2,000 tons to the displacement of the American ships is insufficient to accomplish all three of the factors necessary to materially improve upon them, and the increase would be entirely consumed by the provision for any one of these factors. The extra guns would take it all, as would the extra machinery

No Limit to Cost.

No sacrifice in armament, speed, or steaming radius will have to be made in designing the new Constitution. The only limitation placed upon the Secretary of the Navy by the Naval Affairs Committee is that her hull and machinery shall not cost more than \$8,000,000. The provision for the battleships Michigan and South Carolina, now the largest ships building for the navy, was \$4,000,000 each, and there is no doubt in the minds of the members of the committee that if the Secretary decides to go to 20,000 tons or beyond, the extra \$2,000,000 now provided will easily accomplish it.

It is estimated that the armor an armament for the ship will cost somewhere in the neighborhood of \$3,500,000 in addition to the hull and machinery, and that other fittings will bring the total for the new Constitution up approximately to \$10,000,000.

The Dreadnaught is planned to carry ten 12-inch rifles. The Michigan and South Carolina are to carry eight 12-inch guns. The Dreadnaught will be able to concentrate six guns for bow or stern fire, with eight on either broadside, while the American ships can use four guns dead ahead or dead astern, and all eight ahead or astern on a quartering fire, with all eight on either broadside. So that in point of fire they are nearly as efficient as the Dreadnaught, which excels materially only in the single point of speed. To counterbalance this the American ships have the decided advantage in armor protection.

The Advantage of Guns.

The Constitution will have as high speed as the Dreadnaught, and the double advantage over the British ship of greater gun power and more complete armor protection. She will be more able to inflict blows and better able to withstand them. She will carry twelve 12-inch rifles, so arranged that she can concentrate eight of them in firing dead ahead or dead astern, or off the bow or quarter, and ten on either broadside.

Chewing Gum vs. Missions.

The twenty-seventh annual meeting of the Women's Foreign Missionary Society of the Presbytery of Washington, held recently, disclosed the fact that three and a half million dollars a year more is spent for chewing gum than for foreign missions. In other words \$11,000,000 is spent for gum and only \$7,500,000 for missions.

Carefully compiled data show that \$178,000,000 a year goes for candy, \$700,000,000 for jewels, and tobacco and millinery go away up into the millions, tobacco considerably in the lead.

The Kerosene Lamp.

The ordinary kerosene lamp is the best illustration of the highest type of combustion furnace. The hot gases passing up through the narrow throat of the chimney draw the colder air through the hot wire gauze at the bottom and bring it near a temperature which will feed combustion and

OLD MAINE NOW YOUNG.

PAPER MAKING HAS DONE MUCH TO DEVELOP OLD NEW ENGLAND STATE.

Intelligent Forestry Now Perpetuates The Maine Woods and Furnish Fuel for Paper-Making to Future Generations.

When one stops to think of the tremendous and almost magic growth of the distant West it seems strange that such an old state as Maine is still largely unknown and unsettled.

Almost immediately after the Revolutionary War the settlement of Maine began by inhabitants of other parts of New England and its growth has been steady and sure, with the exception of the years of, and immediately following the Civil War. The population, however, has been almost entirely confined to the lower half of the state and only very recently have the immense possibilities and resources of the northern half been realized.

It is estimated that at least 300,000 natives of Maine are scattered throughout the other parts of the country at the present time. Had this vast army remained to develop their native state it is impossible to realize the change that would have

lands and placed the cutting of all timber under the direction of the Government Forestry Bureau. A corps of experts was sent into the Maine woods and a close study made of the trees growing on each acre of this company's holdings. A plan was agreed upon which assures a perpetual supply of timber. No tree under nine inches in diameter is to be cut. At the end of sixteen years the spruce growth will have renewed itself again and under this plan the entire three hundred thousand acres may be cut over every sixteen years.

At Rumford Falls on the Androscoggin in western Maine about 54,000 horse power is now utilized, and a recent state report says that 48,000 additional horse power is available from this stream alone. Beyond doubt the railroads of Maine are responsible for the opening and development of the upper half of this state, as in twenty-two years ago only thirty or forty miles of railway were built north of the centre and manufacturing or farming was almost unknown above this point. Capitalists at last realized what a vast amount of valuable territory was being ignored, and built branch lines into the "wilderness" until now there are nearly 500 miles of tracks connecting thriving cities and villages which have sprung up in the wake of the steel bands.

The advent of the railroad in



OXEN ARE OFTEN EMPLOYED TO BRING TREES DOWN FROM THE HILLS.

been made, as nature has done so much and man so little.

More than 4000 square miles, or 2,740,000 acres, of land still remain unplowed and unimproved, waiting for capital and brains to make it yield large returns. The resources are almost beyond limit or belief.

Thousands of Lakes and Rivers.

In this state alone there are over five thousand rivers and streams with more than fifteen hundred lakes as reservoirs, to furnish power for innumerable manufacturing plants.

Besides natural water power, Maine is rich in timber, which in this age is a most valuable asset.

The timber lands of northern Maine can, with judicious management, be made to yield for generation after generation and supply a vast amount of lumber and wood pulp. The largest paper mill in the world, is located at Millinocket on a small branch of the Penobscot River where a drop of one hundred and fifty feet furnishes 25,000 horse-power. From this mill is turned out each day between 160 and 180 tons of newspaper, made from wood pulp.

It is commonly supposed that paper making from wood-pulp is one of the greatest enemies to our forests, but exactly the opposite is the case, where the forests are handled intelligently.

The modern policies adopted by many paper makers in regard to perpetuating the forests are doing much for the cause of forestry.

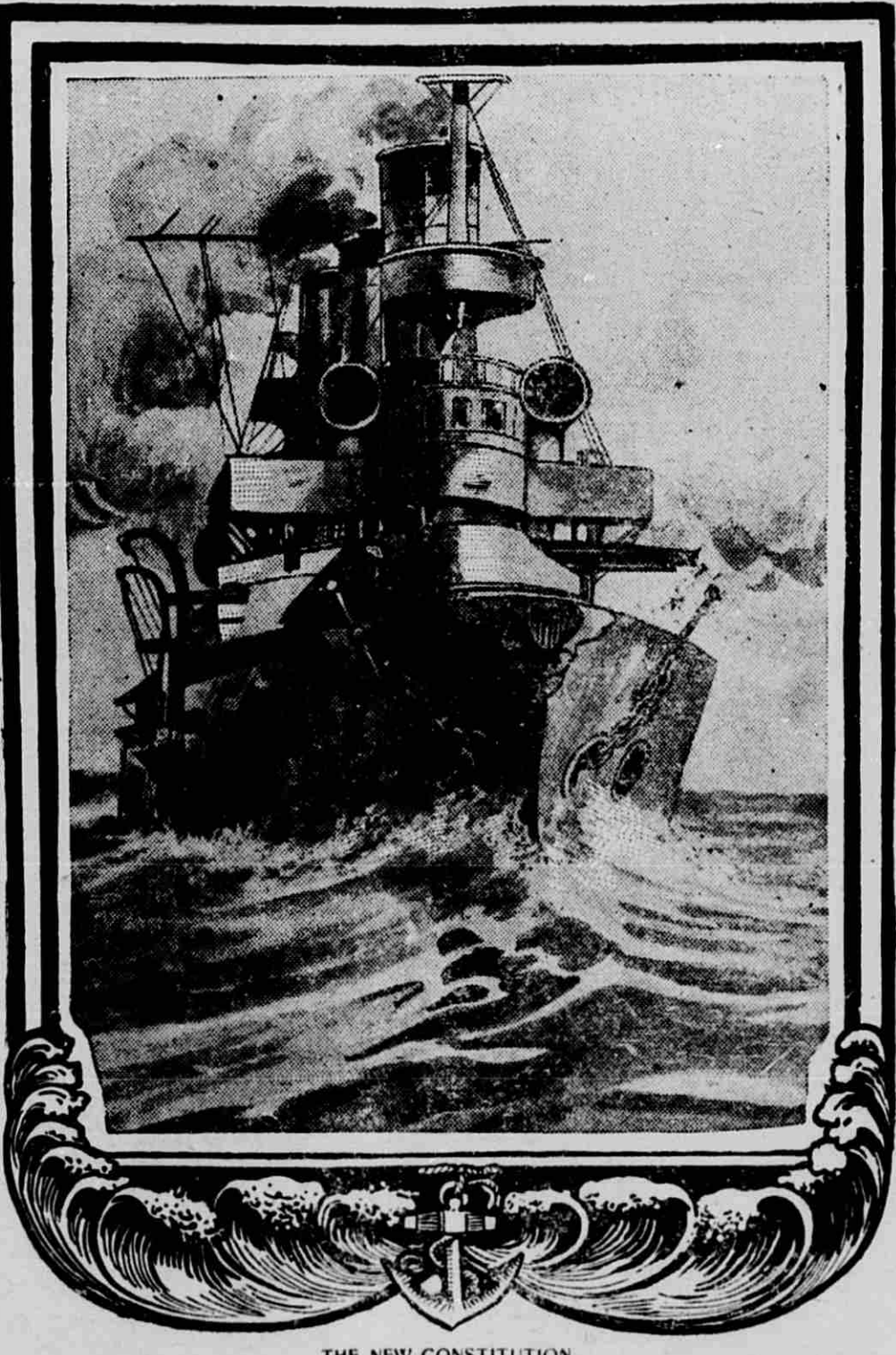
One Maine company has secured the ownership of 300,000 acres of forest

BRIDGE THE SOCIETY GAME

Taught by Mail Complete Course, Six Lessons Send for Free Handsome Booklet. Address N. Y. Bridge Correspondence School, Inc. 3 East 42d St., New York City

5 Year SOLID GOLD Filled Watch \$5

An Honest Watch at an Honest Price. Made of a plate of solid gold overlying a plate of composition metal, and is warranted to wear five years. The watch has a double hunting case, is water-tight on both sides, has a winding stem, with a year guarantee for each case. Fitted with an elegant sweep-worked American lever movement, occupation holding, fully adjusted, guaranteed to keep correct time for 50 years, with long gold plated chain for Ladies or your choice. Be sure to get your nearest express store for free examination before parting with a cent. If you consider them the greatest bargain ever offered pay express about \$2.00 and get a watch for \$5.00. Order at once. 138 La Salle Street, Chicago, Ill. Address B. C. FARRER, 113, 225 Dearborn St., CHICAGO, ILL.



THE NEW CONSTITUTION. This Will be the Most Powerful Battleship Afloat.

prevent smoke by chilling the vapors. The limits in the construction of such a furnace are easily seen. When the wick is raised a little the combustion is greater than the capacity of the furnace, and smoke results. When the chimney is raised from the bottom too much cold air enters, the fire is chilled, and again we have smoke.

Hopeless Ignorance.

Flynn—"O! tell yez they's no use thryr'in' to iddic-ate thim Chinese." Mulhooley—"An' phwy's thot?" Flynn—"O! jist asked wun o' thim the Chinese wur-rud for St. Patrick's day, an' bebad, he couldn't tell me."

Capital from Canada.

It is to be regretted perhaps from an American standpoint that a large part of the capital employed in developing this "new old state" has been furnished by Canadian capitalists rather than by New Englanders themselves.

The farming possibilities of Maine are almost as great as the water power and timber business offer, as it has been demonstrated that the soil and climate are particularly adapted to the raising of potatoes on a large scale; over 10,000 bushels having been shipped to various parts of the country in 1904.

The railroad officials realized from the start that in order to settle and build up a country through which their branch ran the freight rates must be low enough to enable manufacturers to compete with more accessible factories, and have borne this

(Continued on Next Page, 7.)



THE RIGHT FURNACE FOR YOUR NEW HOUSE

Prevent every mistake possible in your building plans. Write for our free furnace book. It's an authority on selecting a furnace, how and where to erect a furnace properly; how to get the most value out of each dollar; how to get rid of "stove" or "range" or "heater" or "boiler" or "stove" without Leader Steel Furnace. You can put it up yourself. It has every modern appliance. We teach you free. See it, freight paid, anywhere. No. 42, boats 7 to 8 room house, school, store or small church. Costs \$40. 5 other sizes, for all purposes. Write for free book today.

Ess Warming & Ventilating Company, 745 Tacoma Building, Chicago.



Our LEADER Steel Furnace

MAKING HOME CHEERFUL.

AN EASY WAY OF PROVIDING AMUSEMENT FOR YOUNG AND OLD.

Edison Phonograph advertisement text.

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Mr. Edison Says: "I want to see a Phonograph in every American home."

FREE TO ALL OWNERS OF PHONOGRAPHS advertisement.

HERE IS YOUR OPPORTUNITY! advertisement.

FREE TRIAL advertisement.

\$2.00 A MONTH advertisement.

IN ICY GREENLAND. Boyhood Customs in the Cold North - Good Hunter at Six Years of Age.

Truly it fares strangely with the little man, far beyond the boundaries of Uncle Sam's own land.

Just as soon as the first son of a west coast of Greenland Eskimo had been weaned.

The city contains about 7000 inhabitants and almost all available space is taken.

AFRICAN PYGMIES. London Inspects Six Small Individuals from the Congo Country.

Men Average Four Feet Six, and Women About Four Feet in Height - Peculiar Customs.

London town is very much interested in six small human beings who have recently arrived from Africa.

The long journey has been accomplished by the six dwarfs in the face of a thousand difficulties.

Value of His Training. Rough is the case. Still the little white sits successfully with the waves.

Are Sons of Nature. They walk about completely unclothed. Only among the tribes that live on the confines of the forest.

Last of a Great Race. "The Pygmies do not live to a great age," said Col. Harrison.

FROM NOTES AND OBSERVATIONS. Compiled by Wm. R. Mackrill.

Pauline were spread over the carpets and draped around the marble nucleus.

It was evident that I had not secondly intended to be staid.

CHAPTER III. It was evident that I had not secondly intended to be staid.

When they came to search Latour I knew he was doomed.

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WOMAN DIPLOMAT IN JAPAN. Wife of First Russian Ambassador to Japan is Daughter of American General.

Russia has resumed diplomatic relations with Japan and the first woman diplomat there is the daughter of the Genl.

Report to the Emperor's execution. He spoke without feigning, as was natural.

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HOW TO GET THESE PREMIUMS FREE advertisement.

Complete Base Ball Suit advertisement.

THIS SLAWNSWING advertisement.

UNEXCELLED HAMMOCK advertisement.

FREE THIS MANILA BRACELET advertisement.

DEAFNESS CURED FREE advertisement.

WRITE FOR FREE BOOK advertisement.

FREE ARING advertisement.

486 F. P. MILITARY FURN. advertisement.

BIRDSEY-SOMERS CO. advertisement.

PALISADE PATTERNS advertisement.

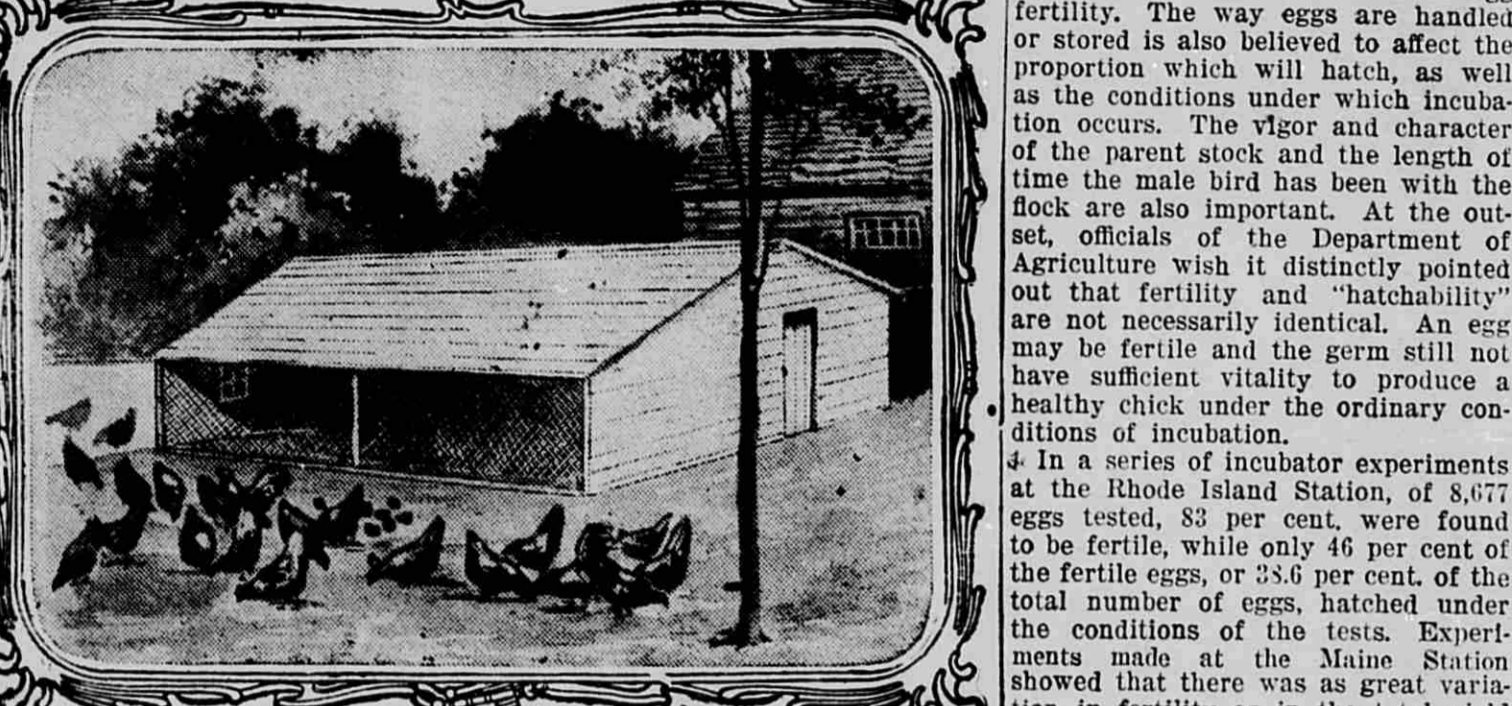
PALISADE PATTERN CO. advertisement.



THE SOUTH BEST SUITED FOR POULTRY.

BY T. F. McGREW.

South of the Virginia line and on to the Gulf in the Atlantic States and the country east of the Rocky Mountains the same climate as is prevalent along the Pacific coast south from San Francisco. The State of California, the people of California and the agricultural interests of California began a number of years ago a determined effort to colonize that section of the world with poultry growers. No stone was left unturned to make this effort successful; the railroads, the state, stationaries, the agricultural department and the people kept it.



POULTRY BUILDING, SUITABLE FOR SOUTHERN CLIMATE.

As the modern poultry producer is a gathering of representative states of the country, and San Francisco and the Pacific Coast are supplied with the finest quality of fresh-laid eggs and poultry of all kinds reduced at home—supplies which generally come from east of the Rocky Mountains.

We note this for the benefit of the states lying south of the above mentioned line. If the people in these districts, individually, locally and nationally, would take hold of the poultry and the poultry interest, the poultry raising of all kinds of land and water fowl for market and the producing of fresh-laid eggs in winter, they would be many years before the birds of the South would bloom again as in the olden days when cotton was king, and the planter of these districts looked in wealth enjoying the distinguished attitude of being enviously by all mankind.

No modicum operandi to be pursued in connection with the poultry industry is extremely simple, and the only wonder is that it is not more generally carried out. It is, however, to need the energetic work of one or two men in each community to demonstrate to the uninitiated farmers the advantage and profit in employing up-to-date methods. The Maryland flock can within a short time and at a very small expense be bred up to a production of 60 or 75 eggs a year to a production of 150 or 175 eggs per hen, constituting the difference between a loss and a handsome profit from the flock. All it is necessary to do is to decide upon some suitable breed of fowl and introduce blood into the flock each year by the importation of a reasonably well-bred cock. By this means the only egg production is increased but, if a general purpose breed is selected, a great average increase in the weight of the fowls will be absolutely assured.

In connection with this, nothing could be more profitable to handle than the growing and raising of honey. The two other features of great value which can be easily be added, that is, cultivating squabs for market and keeping bees for the production of honey and bees-wax. In the local market, bees-wax sells for about ten to twelve cents a pound. In the southern or warmer climates where winter feeding would not be of long duration, the cultivation of bees for honey would become a profitable vocation, even if the extracted honey were distributed among the neighbors and the gratuitous compliment from the growers of the bees. But the bees must be well compelled to do their own honey-combing, to facilitate this, as well as to have a larger product of bees-wax, the boxes for receiving the honey should be so constructed as to influence the formation of a large amount of honey-comb and bees-wax in preference to honey.

If these matters were earnestly taken hold of by the agricultural departments in every Southern State and pushed as they should be, with a

determined effort to aid this industry of all these interests throughout these sections of the country, it is to be added through the exertion of the soil, as the natural result of growing of domestic swine.

used are those from vigorous parent stock, known to produce a high percentage of fertile eggs, while in order to secure a great percentage of fertile eggs the hens should be allowed a rest after each laying period. The eggs should be handled very carefully and not subjected to extremes of temperature. In storage, use only when comparatively fresh.

As a whole it may be said that the ordinary conditions prevailing on the farm will favor the production of eggs of high vitality. The keeping quality of eggs is a very different matter from the vitality. It is the general belief that infertile eggs keep better than fertile.

The Fertility of Eggs.
In considering the possibilities for a good hatch from a setting of eggs, the fertility of the eggs used is of prime importance. Data regarding the fertility of the eggs of various breeds are of great value in the poultry industry, this question having been studied at a number of the experimental stations in the United States and elsewhere.

Two warm quarters for laying stock, and overfeeding as well as a cold season are commonly believed to exercise an unfavorable influence on egg fertility. The way eggs are handled and stored is also believed to affect the proportion which will hatch, as well as the conditions under which incubation occurs. The vigor and character of the parent stock and the length of time the male bird has been with the female is also important. At the old set, officials of the Department of Agriculture wish it distinctly pointed out that fertility and "hatchability" are not necessarily identical. An egg may be fertile and the germ still not have sufficient vitality to produce a healthy chick under the ordinary conditions of incubation.

As a series of incubator experiments at the Rhode Island Station, 8,477 eggs tested, 82 per cent. were found to be fertile, while only 46 per cent. of the fertile eggs, or 34.6 per cent. of the total number of eggs, hatched under the conditions of the tests. Experiments made at the Maine Station have shown that there was a great variation in fertility in the total yield, and either less than the average or more than the average of those producing eggs that were all highly fertile and others that were completely infertile.

Use of Nitrogen Bacteria Limited.
The extravagant and misleading claims made by many of the circulars advertising those widely heralded bacteria, and this is a branch of farming which does not hinder fertility, provided the hens are allowed to rest before generally being brought to the south-ern States; but this aid should be so applied as to make the people more industrious and to add to their wealth.

The Ohio Experiment Station made a study of the effect of the presence of the male bird on egg fertility. Forty Leghorn hens which had previously been kept without males were placed

in pens with three male birds and the percentage of fertile eggs observed for nine days after mating. This increased regularly from 0 on the first day after mating, to the eighth day after mating. The fertility of the eggs was apparently not materially affected until the twelfth day after mating, but the fertility of the eggs was also studied at the Ontario Agricultural College and Experimental Farm. The hens were separated from the male and the eggs laid each day were placed in an incubator and tested with respect to their fertility. Of the eggs laid during the first four days after the male was removed, 70 per cent. were fertile; of those laid on the fifth day, 61 per cent., on the sixth, 60 per cent.; on the seventh, 49 per cent.; on the eighth, 21 per cent.; on the ninth, 2 per cent. and on the tenth, all were infertile.

The influence of the male on the total number of eggs produced was tested with two lots. The first consisted of 5 pullets, 5 hens, and 1 cock; 2 of 5 hens and 5 pullets of the same variety as lot 1. Both pens were fed and cared for in the same way. Lot 1 laid 959 eggs and lot 2, 972 eggs. It may thus be seen that there was the first four days after the number of eggs laid by the two pens.

Ideal Conditions for Fertility.
The various observations made at the above stations, while not altogether conclusive, seem to indicate that, in order to secure fertile eggs which will hatch, it is considered desirable for the laying stock not to be kept in warm quarters or overfed; the males must be kept with the hens confined to their stalls, and only eggs used which have been produced after the male has been with the hens several days. The most desirable fowls whose eggs are to be

used are those from vigorous parent stock, known to produce a high percentage of fertile eggs, while in order to secure a great percentage of fertile eggs the hens should be allowed a rest after each laying period. The eggs should be handled very carefully and not subjected to extremes of temperature. In storage, use only when comparatively fresh.

Don't Die That Way.
Millions Die Every Year from Mere Ignorance of Nature's Laws of Health.

Ask yourself the question: "Is Life Worth Living?" And the answer will be: "It depends on your health." Then why not have good health? It is the simple, natural law of health has been violated.

ONE YEAR FOR 10 CENTS.
Cut out the subscription blank and send us one dollar and ten cents (in advance) and we will mail you Maxwell's HomeMaker Magazine every month for twelve months. Don't delay, but send at once.

There are 640,000 horses and 2,500 licensed automobiles in the State of New York. High-born Slamese walk with the elbow joint turned inward and the thumbs turned out.

Henry Labouchere has spent one million dollars in defending suits for libel brought against him as editor of the London Truth.

FREE!
BASEBALL OUTFIT!
YOUR EXACT SIZE!
SHIRT, HATS, GLOVES, SOCKS, SHOES, ETC.

FREE GOLD WATCH!
Send your name and address for a FREE GOLD WATCH. A beautiful gold watch with a chain, worth \$100.00.

PAINT WITHOUT OIL.
Remarkable Discovery That Cuts Down the Cost of Paint Seventy-Five Per Cent.
Free Trial Package and Big Book. Write for it today. No purchase necessary.

YOU Can Save a Lot of Money!
Get the Electric Steel and Wheel for your car. It's the best and most economical.

Are You Tired, Nervous and Sleepless?
Nervousness and sleeplessness are usually due to the fact that the nerves are not properly nourished. Dr. Pierce's Golden Medical Discovery makes pure, rich blood, and thereby the nerves are properly nourished and the body is healthy.

A Lucky Postmistress.
Mrs. Alexander, of Carey, Me., who has found Dr. King's New Life Pills to be the best remedy she ever tried for keeping the stomach, Liver and Bowels in perfect order.

OUR COUNTRY COUSIN'S.
We believe we have the very best and the cheapest line of Acetylene Burners.

W. M. GRANE COMPANY
1131-33 BROADWAY, New York, N. Y.

Glorious Hair Grown Free.
A Wonderful Preparation Which Turns Back the Hand of Time—Makes the Old Young and the Young Beautiful.

FREE SAMPLES OF THE GREATEST HAIR TONIC ON EARTH.
No Room Left For Doubt.

W. A. COVERT DRY GOODS CO.
Commencing Saturday Morning April 21st and Will Continue for One Week

Special April Offerings.
36 in bleached and unbleached muslin at 10c and 12c. 44 in bleached and unbleached muslin at 10c and 12c.

Weak, Weary Women.
Learn the Cause of Daily Woes and End Them.

Vergerennes.
Bert Bailey of Grand Rapids spent Easter at home.

Spring Cataracts.
The changeable weather of Spring is directly responsible for the prevalence of cataracts in Lowell at the present time.

Keene after an illness of about four weeks.
Keene after an illness of about four weeks, returned to his home in Keene, N. H.

Staying in Lowell.
Albert Stoyak has been altering his home, and has made quite an improvement.

Deaths.
Mrs. M. H. Williams died at her home in Lowell on Saturday.

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W. A. Covert Dry Goods Company.
Phone 81-2, Saranac, Mich.

And Hats and Caps And Furnishings Too

Mart Simpson, Lowell, Michigan.
"Of course" (Most of them) Where do you trade?

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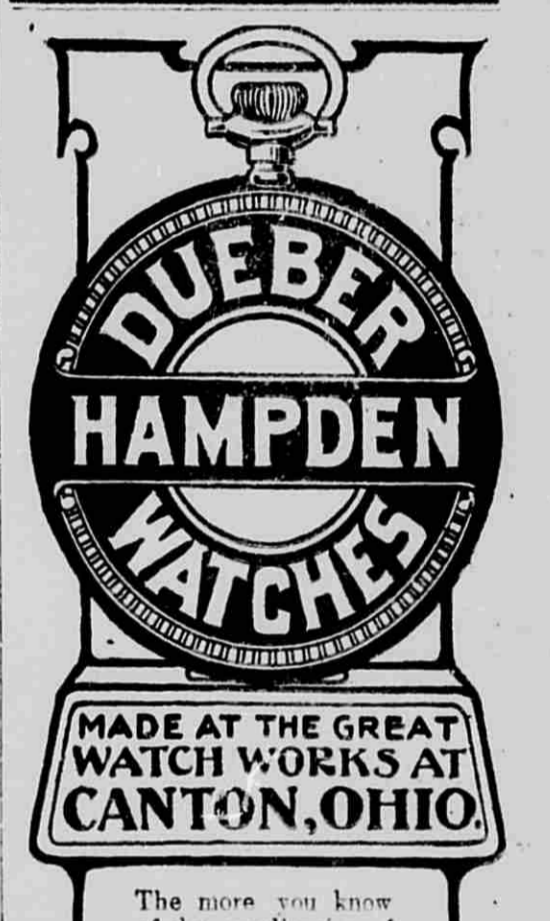
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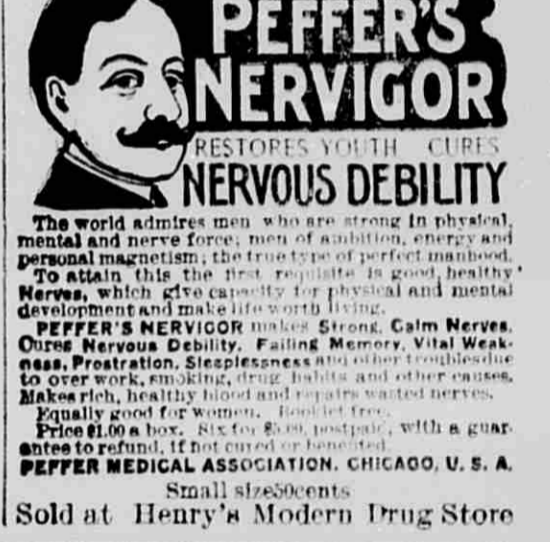
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Phone 81-2, Saranac, Mich.



The more you know of the excellencies of Duober-Hampden Watches, the more you are that they are among the finest watches America produces.



DR. M. CLAYTON GREENE
Graduate University of Michigan and Postgraduate Course at New York Polytechnic Medical School and Hospital, New York City.
Office—LOWELL, MICH.

NERVOUS DEBILITY CURED
Excess and indiscretion are the cause of more sorrow and suffering than all other diseases combined.

DR. KENNEDY & KERGAN, 149 Shelby Street, Detroit, Mich.

