July Shoe Sale.

Gents' Ladies' Misses' } **Russet Shoes and Oxfords.**

During July we follow our usual custom of making cut prices on all Tan Shoes A few of our prices. All new goods:

Ladies' and Gents' $3.50 Shoes reduced to.....$2.98
" " " 3.00 " " " 2.48
" " " 2.50 " " " 1.98
Ladies' $2.00 Shoes reduced to.....1.65
" " 1.50 " " " 1.25
Gents' Bicycle Shoes from.....90c to $1.98 pair
Ladies' Bicycle Shoes from.....$1.75 to 2.48 pair
" " Leggings from.....25c to 75c pair

Special bargains in odd sizes and broken lots.

H. B. Merritt, 17 N. Saginaw St. Pontiac.

No Generating, No Tin Tubes, No Smoke, No Explosions, No Smell, with the

Detroit Vapor Stoves.

A child can light them. We also handle the Douglas Stove Co,'s stoves from $2.50 to $15; Two-burner Oil Stoves for $1.

DEWEY & LAWSON

Dealers in Lumber, Coal, Hardware and Agricultural Implements.

Royal Oak, Mich.

ROYAL OAK.

Mrs. A. Sabraska spent Thursday in Detroit.

Wm. Rofe and wife Sundayed at Chas. Silliman's.

Miss Laurla Partridge is able to be up again, after a long illness.

Mrs. Maria McDowell has returned from a week's visit in Pontiac.

The Jansen and Lawson families picniced at Belle Isle Saturday.

Mrs. Clarestine McDowell of Warren, visited Royal Oak friends Monday.

Miss Nellie Lee, of Detroit, has been a recent guest of Miss Jessie Newton.

Chas. Evans, wife and baby of Detroit, visited friends here last week.

About 30 Detroit friends were entertained at N. B. Hickey's last Sunday.

Miss Eunice Hall and Mrs. Osterhout visited their brother at Wayne last week.

Maro Robinson and wife, of Southfield, have been recent guests at Dr. Erichsen's.

Mrs. Sarah Hitchcock visited the family of Albert Adams in Birmingham a part of last week.

Frank McDowell and son Theo. were in Detroit Thursday and enjoyed the "Buffalo Bill" parade.

John McKinney and daughter Nellie, of Holly, were guests at J. M. Lawson's Thursday of last week.

Mrs. Louise Jeynes and Mrs. W. Burnham, of Detroit, were guests of Mrs. M. Newton a part of last week.

Mrs. Plumber, of Pontiac and Mrs. Waupen of Detroit, visited Mrs. A. Sabraska during the past week.

Thomas Richings is having a hard tussle with erysipelas, suffering extremely. He is attended by Dr. Kidder.

The L. O. T. M.'s give an entertainment and supper at Storz's Hall tomorrow evening. Good time expected.

The Living Branch of the Oak held a picnic at Belle Isle Tuesday, and it was hugely enjoyed by a large number of the order.

Mrs. N. B. Hickey accompanied her husband on his Lake Shore business trip this week. They will return home tomorrow.

Charles Alger, while painting the roof of Dr. Clawson's barn, slipped and fell, spraining his ankle. He is getting along nicely.

The Dondero family, of Detroit have been rusticating at their summer home here for a week, and at the same time entertaining guests from the city.

With their Pneumatic Symphony organ, and abundance of musical selections, Dr. Erichsen and family, when tired of the more substantial things of life, can feast on music.

Miss Eva M. Haynes, of Detroit, elocutionist, will give a dramatic recital at Royal Oak Baptist church, Friday eve., July 29, assisted by local talent. Admission—adults 15 cents; children under 13 years 10 cts.

The D. & P. R'y are doing business in first-class style at this point, especially since the erection of their new station. Mrs. M. A. Richings has charge of the baggage and also has a refreshment counter there, where she will look after the welfare of all tourists awaiting cars.

The meeting of school inspectors of Royal Oak and Southfield townships, held recently in Southfield, resulted in detatching Andrew McClellan from the Southfield district and placing him in Royal Oak district, his place of residence being nearer the Royal Oak school.

At the school meeting Monday evening Dr. Hammond and Bert Wilson were elected members of the School Board in place of Frank Knowles and Wm. Helzinger, whose term of office had expired. Votes were cast in favor of building an addition to the school building, at an expense of $1,500.

J. Holmes, foreman of the Hendrie farm met with a serious accident recently. In some way he became entangled in a rope by which a calf was tied and was thrown to the ground. The result was a badly dislocated and broken shoulder blade. He is getting along as well as can be expected.

Mrs. Sarah Hitchcock has returned home, after delightfully spending six months with her niece at Crete, Neb. On her way there she stopped over in Chicago, where she spent three weeks. Mrs. Hitchcock speaks very highly of that thriving western city—Crete through which the beautiful Big blue river flows, and in which is located Doane College. The city has numerous churches, three banks, manufactories galore, and is traversed by several railroads. To say the least, the good lady was delighted with her western trip.

COUNTY LINE.

Mrs. John Martin is convalescent.

Rain is needed badly in our locality.

Herbert Hoxy, a daughter, the 13th.

E. Jones, of Utica, called on old friends last Sunday.

Part of E. Peck's wheat yielded 45 bushels an acre.

Miss Anna Kaiser, of Roseville, is visiting friends in our vicinity.

Auctioneer Blunt's two boys have returned from a visit to Port Austin.

Mrs. H. Mason and family, of Detroit are visiting her sister, Mrs. C. Anderson.

Dr. Flynn and wife attended the funeral of a relative in Toledo last Friday.

Rep. Davis is drawing some very fine oak timber to the mill from the Hanley estate.

Mrs. L. Kanat, of Utica, is going to teach the County Line school this coming fall.

Warren council last Thursday went to Baltimore and Algonac to see the new motor, and from present indications the new road will be built. All were pleased with their trip.

SOUTHFIELD.

Everything looks dry and burnt for the want of rain.

C. I Johnson has given his house a fresh coat of paint.

Mrs. Nancy Dunbar, of Detroit, is visiting her friends at this place.

Eugene Williams is working for Ernest Tucker.

Rue VanEvery is the happy owner of a new wheel, given him by his wife.

Every one's crops need rain very badly.

Mrs. Stanton and son have returned to Bay City.

How our Southfield Daisy blooms, also our Snowball.

Get your lawn seats painted red; it's the latest fad.

Looks as if the tires were loose and needed setting, judging by the looks of the wagon in front of Rue VanEvery's blacksmith shop.

C. I. Johnson is back at his old trade, wood work, at least we see him there.

Say, did you see the Gypsy show go by Monday?

Mrs. Frank Baker and son, of Santa Anna, Cal., and Mrs. T. Thorly, of Detroit visited at Chas. Murphy's last week.

Fred Rowe has accepted a position at Erie, Pa., where he will make his future home.

An Epworth League was organized here in the M. E. church Sunday, July 10, with 20 members.

Last Sunday three young people were taken into the M. E. church on probation, two of whom were baptized by the pastor, Rev. J. G. Morgan. At the same service Rev. Kilpatrick, from up North, preached the sermon.

Samuel McLellan, one of Southfield's most respected pioneers while in the hay field one day last week, was stricken with paralysis and only lived about 24 hour, during which time he never regained consciousness. His age was 75 years. He is survived by a wife and two sons, Nathan and Joseph, both residents of this place. The funeral was held from the Presbyterian church, Rev. Clark of the U. P. church, of which deceased had been an active member for several years, officiating. Interment in Southfield cemetery.

Dana's SARSAPARILLA

"The Kind that Cures."

is GUARANTEED to clear your blood of all impurities; make your stomach, liver, and kidneys right, and your nerves strong. Then you are well. Buy a bottle of DANA'S from your dealer, and this guarantee goes with every bottle.—YOUR MONEY BACK IF YOU RECEIVE NO BENEFIT. Isn't that a fair offer?

All Druggists Keep It.

"CRAZY!"

I should say yes.

The boys and girls are all wild over the fine display of Fireworks that W. R. Owen has in his store and windows. The largest stock and greatest variety ever brought into Oakland County. You should see his funny goods, and do not forget to look at his Hammocks from 75c to $4.50. Croquet Sets cheap as ever. Call and see him.

Yours truly,

W. R. OWEN,

Pontiac, Mich.

WATKINS LAKE.

Harry Lowe spent Sunday at the lake.

Harry Cole has been getting his sail boat ready for use.

Vanda Wooster caught about 75 fish here one afternoon recently.

J. A. Bigelow and family now occupy their cottage at Watkins Lake.

Miss Mayme Taber spent Saturday and Sunday with the Blakeslee family.

John Hamilton, from Flint, was the first visitor, and everybody glad to see him.

Miss Ida Corey came and helped us untangle the fish lines. She is a good hand to catch fish.

Mr. Woodard and family, of Detroit, are in the Whitehead & Mitchell cottage, and seem to like their surroundings.

The Blakeslee family are settled in camp. Frank and son Bert came two days before the rest to get the things in order.

BIG BEAVER.

A new barber in town.

Ross Smith has gone threshing with Ben Lovell.

C. M. Harris and son are building a new house for Mr. George.

Miss Jennie Lyon, of Chicago, is visiting her aunt, Mrs. C. S. Travis.

Mrs. C. M. Harris is slowly recovering from a long and serious illness.

Miss Maud Schultz came home from Detroit Sunday to visit her parents.

Mrs. R. C. Schultz and Miss Maggie White, of Detroit, spent Thursday with relatives here.

Mr. and Mrs. D. Harris are rejoicing over a nice 11-lb daughter, who arrived on the 10th inst.

Mrs. G. C. Gibbs visited relatives at Orion over Sunday and attended the assembly being held there.

Mrs. Chas. Smith is entertaining her cousin, Mrs. John W. Goodson and two children, of Detroit, this week.

Mrs. Alice White and children of Detroit, are visiting her mother, Mrs. Dungrow, and sisters, Mrs. D. Harris and Mrs. Ross Smith.

Little Anna Baum, aged four years, daughter of George Baum, living about one mile west of Big Beaver, met with a serious accident recently by getting her left hand caught in the pulley of a hay fork, while at the barn where they were storing hay. Dr. Anderson was called and found it necessary to remove three fingers. The little sufferer is getting along nicely.

FRANKLIN.

Sam McCrumb has purchased a new gasoline engine for his mill.

The Franklin base ball team was defeated by the Novites last Saturday at Green's Park. Score 9 to 5.

The infant son of Chas. Sly was taken to Romeo on Wednesday last, where it has been adopted by Mr. and Mrs. Melvin Sly.

The King's Daughters picnieed in Miss Gordon's grove at Wing Lake on Friday last. Owing to some misunderstanding with the hostess, the young people were obliged to take flight during the afternoon and finished the day in the Forman grove adjoining.

The largest missionary meeting held during the year was the one at Mrs. Ed Miller's on Thursday week. At the conclusion of the usual exercises ice cream and cake were served. The annual meeting in August will be held in Buel's orchard.

Cleever Higby met with a painful accident on Sunday, falling from a cherry tree and dislocating the bones in the left wrist and one bone in the right hand was broken. Dr. Shaw was summoned and soon alleviated the sufferings of the little fellow.

TOWN LINE.

Mrs. Will Davenport is nearly well again.

Hattie Blair has been visiting Grandma Lenton.

The berry season is nearly done—dry weather the cause.

Mrs. Patch is lame with a sore foot, having stepped on a nail.

The Town Line soldier boy orator, C. Beach, is now in Tampa, Fla.

Mrs. Hathaway is entertaining an aunt from Richmond this week.

A few of the Town Liners attended the social at Aspinwall's Friday evening.

Mrs. Wm. Peabody and son, of Springfield, Mo., are at her mother's, Mrs. McKinstry's.

Gertie Patch visited at Ball Mountain over Sunday and attended the camp-meeting at Orion.

Mrs. Minnie Chappel and children were the guests of her aunt, Mrs. C. Beach, last week.

J. H. Hathaway and Clark Beach have each lost a horse. J. H. has bought another to go threshing with.

PARAGRAPHICAL POINTERS.

A diet of fruit is a diet of health.

The merry hearted have a fortune that thieves cannot steal.

Woman was born to love and be loved and she fights it out on that line.

Try a little piece of camphor gum in the flower pots to keep the worms out of the soil. The plants will thrive better.

God's true gospel is that sung by the birds, blossomed by the flowers and sparkled by the stars. Man is the only heretic.

Cranks are of great benefit. One idealed people are the germs that keep the world alive and prevent her from "drying up and blowing away." The specialist is an absolute necessity.

An exchange says that all "highly cultured" gentlemen have had to scratch for their position. Yet this does not signify that a country editor with the seven-year itch is self culture personified.

A grocer and a hardware man at Albia, Iowa, are waging war. The grocer gives away a step-ladder with every pound of baking powder bought, and the hardware man gives away a pound of baking powder with every step-ladder bought.

The largest flower in the world, it is said, is the Bolo, which grows on the island of Mindanao, one of the Philipine group. It has five petals, measures nearly a yard in width, and a single flower has been known to weigh twenty-two pounds. It grows on the highest pinnacle of the land, or about two thousand five hundred feet above the level of the sea.

The bright beams of rosy light which pierce the gloom of early morn, heralding the approach of day are symbolized by the red stripes of our national emblem as it is seen in all its radiance through the black smoke of battle, bringing hope of liberty and peace to an oppressed people. Light is more clearly seen when contrasted with darkness. The rising generation is confronted with many difficult problems, the solving of which will require the most earnest effort.

BEDDOW.

J. R. Brooks, wife and son, of Detroit, spent a day of last week visiting relatives here.

Mrs. Davison and daughter from Denver, Colo., are visiting at the home of Mrs. D. J. Parks.

Miss Nellie Brooks is making an extended visit with her aunt, Mrs. J. R. Brooks, of Detroit.

Chas. Ballard and cousin, of Chicago, are spending a few weeks with their uncle, James A. Miller.

Miss Emma Young and mother, of Birmingham, made a pleasant visit at the McDonald home one day last week.

Remarkable Rescue.

Mrs. Michael Curtain, Plainfield, Ill., makes the statement that she caught cold, which settled on her lungs; she was treated for a month by her family physician, but grew worse. He told her she was a hopeless victim of consumption and that no medicine would cure her. Her druggist suggested Dr. King's New Discovery for consumption; she bought a bottle and to her delight found herself benefitted from first dose. She continued its use and after taking six bottles found herself sound and well; now does her own housework and is as well as she ever was. Free trial bottles of this great Discovery at Whitehead & Mitchell's drug store. Large bottles 50 cents and $1.00

Are You Pale?

Are your checks hollow and your lips white?

Is your appetite poor and your digestion weak? Is your flesh soft and have you lost in weight?

These are symptoms of anemia or poor blood. They are just as frequent in the summer as in the winter. And you can be cured at one time just as well as another.

Scott's Emulsion

of *cod liver oil with hypophosphites* will certainly help you. Almost everyone can take it, and it will not disturb the weakest stomach.

It changes the light color of poor blood to a healthy and rich red. It nourishes the brain; gives power to the nerves. It brings back your old weight and strength.

All Druggists. 50c. and $1.
Scott & Bowne, Chemists, New York.

STATUES GO BEGGING.

Bronze Counterfeits of W. H. English Stand Idle at Grand Crossing.

From the Chicago Chronicle: Suburban passengers on the Illinois Central who go flying past the wards of a big bronze factory near Seventy-third street every day have noticed for a long time the statue of a very fine-looking man peering over the high board fence. The magnificent bronze head is thrown back, the bronze coat is thrown wide open and the bronze thumbs are inserted in the bronze armholes of the bronze vest. Sleet nor snow nor wind nor storm has daunted the statesmanlike gentleman or driven him from his post beside the fence. For lo! these many months, even in the foulest weather, he has maintained his east front and kept his thumbs nonchalantly in the armholes of his vest. Even when swift express trains shot past his face he did not bat so much as the lash of an eye. And scores of passengers have wondered who the distinguished-appearing man is and why he remains staring over the back fence of a bronze factory at suburban trains. It is the statue of the late William H. English, one of the most prominent financiers and statesmen of Indiana. Mr. English was probably the richest man in the Hoosier state. He died two or three years ago and left $3,000,000 or $4,000,000 to his two children, a son and daughter. A short time before his death Mr. English completed a history of Indiana, which is said to be one of the best that has ever been compiled. The millionaire some years ago erected in Indianapolis a magnificent block, which contains a hotel and one of the finest theaters in the United States. It was his wish that a statue of himself should adorn the lobby of the hotel. He had Sculptor H. Mahoney, of Indianapolis, make the statue, and from the plaster two bronze statues were cast at the bronze works. They are absolutely perfect likenesses of Mr. English, and Manager Bechem of the works says they are two of the finest he has ever seen. Mr. English paid $2,500 for the casting of the two statues, which are exactly alike. Although the statues were paid for long since they still remain in the yards of the bronze company. It is said that Will E. English, the son and heir of William H. English, was communicated with some time ago, but that he has as yet manifested no intention of claiming the statues, one of which would doubtless be acceptable as an ornament for one of the parks of Indianapolis or the grounds of the state house. It is supposed that the senior English intended one of the statues for the town of English, Ind., which was named after him.

WAR CORRESPONDENT IN SPAIN

Recklessness of a Gay Irishman Named Edward O'Donovan.

The war correspondents of the days of the Carlist insurrection in Spain were as dare-devil a crew as ever lived, says an exchange. This is the story of the first meeting between two of them, Leader and Edward O'Donovan, another Irishman, as gay and reckless as himself. Leader was in command of a small fort in the north of Spain during the height of the insurrection, when one day he espied a strange figure clad in a long, dilapidated overcoat approaching the walls. The Spanish sentries yelled to the suspicious visitor to halt; and as he took no notice of them they fired on him, and the bullets kicked up the dust all around the stranger. The result, however, was that he increased his pace and came on at the double, until he reached the walls of the fort amid a rain of bullets. "Cease firing, ye blackguards!" he shouted in the simplest dialect of southern Cork. "I'm Edward O'Donovan, and how the blazes can I get in unless you open the gate!" Thus it was that Edward O'Donovan, who was attached to the government troops, walked alone into the enemy's fortress. This story is vouched for by Mr. C. S. Ryan.

SICK ANGELS ON THE ELEVATED

Guard Carries Remedies for All and Occasionally Hands a $.

From New York Sun: "I was going home at an early hour in the morning on the Sixth avenue elevated line," said an all-nighter. "A man in my car was sick. He raised a window and put his head where the air could strike it, but that did him no good. He went to the platform and stood there bareheaded. The guard spoke to him and then gave him something which the sick man swallowed. Later, after the patient had left the train, I asked the guard if he was a doctor. He said he was not, but that he always carried something for the benefit of sick passengers. 'Is it customary?' I asked. 'No,' he replied, 'there is no rule for it. An old man in the service, however, most always goes prepared for such things. I learned the habit when I was on shipboard.' 'Does the company reimburse you?' 'Not much. But sometimes I get a sick angel unawares, and by doing the Samaritan act I get a present of money afterward.'"

A Liquid Air Explosive.

When liquid air, containing from 40 to 50 per cent of oxygen, is mixed with powdered charcoal it forms an explosive which is said to be comparable in power to dynamite and can be exploded by means of a detonator. This new explosive has been tested in a coal-mine at Penzburg, Germany. The liquid air evaporates so rapidly that the explosive cannot be stored, but must be used within a few minutes after it is prepared.

Often the Best Source.

Difficulty, adversity and suffering are not all evil, but often the best source of strength and virtue. Some men only require a great difficulty to set in their way to exhibit the force of their character, and difficulty, once conquered, becomes one of the greatest incentives to their progress. It is not prosperity so much as adversity, not wealth so much as poverty, that stimulates the perseverance of strong and healthy natures.

Important Question.

"Mamma, are all matches made in heaven?" "Certainly, my son." "Well, then, does the devil go up there to put in the brimstone?"

PECK'S BUSY CORNER.

Trading at Peck's

Means saving dollars. We not only give you best goods at lowest prices, but give our customers handsome pieces of Furniture FREE.

$25.00 in trade secures a handsome Hat Rack.
$30.00 " " " Music Rack.
$35.00 " " " Oak Stand.

Great Cut in Prices of Millinery This Week.

Ladies' Sailor Hats cut from.....49c to 75c.
" Trimmed " " " $1, $1.50 to $1.98

Large assortment of Children's Hats, at $6, $7, $7.50. Pattern Hats cut to $4.

Muslin Underwear--Some Specially Good Things Just in.

Lace Trimmed Gowns.....50c, 75c 95c.
Lace Trimmed Skirts, very full, double ruffles.....95c to $1.18.
Suisse Ribbed Underwear.....

I have purchased 62 dozen samples comprising ladies', gents' and children's at a very low price, and can save you at least 25 to 40 per cent on these goods.

All cars stop and start from Peck's Corner.
Make this store your waiting room. Packages can be left here.
Books and magazines on the counter. Let this be your headquarters.

SAMUEL N. PECK,

Corner Huron and Saginaw Sts., - PONTIAC.

SCIENTIFIC TOPICS.

CURRENT NOTES OF DISCOVERY AND INVENTION.

Girl Telegrapher's Marvelous Record —A Candlestick That Will Hold Any Size Candle—The Sugar Beet Industry —In the Klondike.

The Sugar Beet Industry.

According to official reports, 1,373,000,000 pounds of beet sugar were imported into the United States during the year 1897. In view of this fact and the additional one that the soil and climate of the United States are well adapted for growing this vegetable, the department of agriculture has determined to foster this industry. It is estimated that at least 80,000 acres will be planted with beets in 1898. The probable yield will be 80,000 tons of beets, which means, under favorable conditions, 180,000,000 pounds of sugar. This is 4 per cent of the total import. Seeds were sent to over ten thousand farmers last year and nearly three thousands samples produced from this seed have been examined and tested by the government experts. New York and Michigan show the best results. The beets weighed about thirty ounces each and contained about 19 per cent of sugar as a general average. While beets require a good, rich, deep soil and must be carefully cultivated, the returns promise to be exceedingly good. Factories are to be established in various parts of the country to the end that long transportation may be avoided and farmers may be able to realize within reasonable time on their investments. It is suggested that farmers co-operate and establish a sugar plant somewhat on the principle of creameries. Each farmer could own stock in a company and feel a personal interest in the furtherance of a branch of business that will, if judiciously handled, yield a very considerable profit.

Railroad Watches.

On certain lines of railroad most rigid tests are made of the timekeeping qualities of watches. They are tested in three positions—dial down, dial up and pendant up. If there is an error of more than six seconds in twenty-four hours they are not acceptable. The maximum variation of a watch is thirty seconds a week by the standard of the American Railway Association. The following is the rule in testing: "A watch losing three seconds in twenty-four hours in one position, gaining three in another and losing three in a third is accepted, the extreme variation being only six seconds; a watch gaining fifteen seconds in one position, twelve in the second and nine in the third would be accepted, however, for the position rate being thus shown to be correct for such purpose, it is merely a matter of regulation to make the watch run with a maximum variation of thirty seconds a week." Some of the railway companies require their employes to have their watches examined on the first day of every month. Certificates of that examination must be furnished and the employes must always be able to produce their certificates when on duty. Standard watches must be adjusted to isochronism, position and temperature, and must have seventeen jewels. So variable are some of the watches that have come under these examinations that they are looked upon almost as curiosities. One watch ran with perfect accuracy in the possession of one man, but varied thirty to forty seconds in twenty-four hours when carried by another. One man always noticed that his watch gained perceptibly while he lay asleep, but maintained its usual rate when he was up and at work. One watch played all sorts of pranks if placed with the dial uppermost and kept on its business without variation or interruption when it was hanging up or carried in the ordinary positon.

Girl Telegrapher's Record.

Here is a telegrapher of whom New York should be proud. In the recent telegraph tournament, when speed of

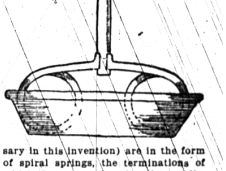
brain and fingers was regarded as speed of feet in a horse race and when excitement ran as high as in an international yachting race she distinguished herself. She is Miss Emma Vanselow. She is in the commercial news department of the Western Union Telegraph company, and she is pretty. In five minutes at her machine she sent a message of 341 words. In it there were but eight errors. She won the second prize, a purse of $60, and her accomplishment is on record for those who would seek laurels in a rapid telegraphic dispatch contest.

A Premium on a Process.

The Chamber of Commerce of Como, Italy, offers a cash prize for a simple and practical process on determining the various substances used in weighting silk. These substances include mineral salt, oil, soap, gelatine, sugar, gums and fibrine. This must be determined both as to quantity and quality. The inventor must also invent and furnish the appliances necessary for making the tests. The descriptive papers must be suitably marked, and sent with a sealed envelope giving the name and address of the inventor. In view of the fact that silk is weighted to many times its natural amount, the importance of fully understanding and appreciating these adulterations appeals to the general public. A large number of manufacturers of silk have agreed to unite in the effort to produce silk of a better quality than that ordinarily furnished. By chemical process a piece of silk may be almost dissolved. After going through a course of treatment with various agents the small amount of fibre is as startling to the consumer as it is discouraging to those who desire to produce a pure article at a reasonable cost. Chemical salts are inexpensive, and when a high grade silk may be made by their agency it is time some steps were taken to protect the public from such imposition.

Will Hold Any Size Candle.

In a new candlestick recently put on the market the handles (two are necessary in this invention) are in the form of spiral springs, the terminations of which form a socket for the candle. There may be a separate spring for each handle, or one spring may provide both. The dish of the candlestick is not needed in this candlestick to support the candle socket, but may be retained in order to discharge its other function of giving hospitality to stray grease and half-burned matches. The candlestick will take any size of candle and hold it absolutely firm.



Mining in the Klondike.

According to private information, some of the miners in Klondike find it uphill work. The gravel that holds the gold is likely to be frozen solid and must be blasted out or cut out with picks, then the pieces have to be melted before they can be washed. It takes fuel to do this, and in view of the fact that an expert recently declared that it takes a cord of wood to thaw a cubic yard of gravel, the chances are that the operation will not pay very well, especially as wood costs forty dollars a cord. The forests and mines are not adjacent, and the labor and expense of taking the fuel is a very large item. A new invention for thawing is a gasoline vaporizer that throws a jet of flame five or six feet long. The gasoline is vaporized and mixed with air, and a metal cover keeps the heat as close as possible to the ground and utilizes as much of it as is needed. This means of thawing the ground will, it is hoped, effect a great saving in the cost of mining in gravel.

A Filtering Medium.

Absorbent cotton is highly recommended as a filtering medium. It acts rapidly and is, therefore, of great value in filtering volatile elements. For ordinary household use, it is specially recommended because of its inexpensiveness and ease of management. A large funnel must be provided and the cotton is pressed more or less firmly into the neck, according to the substance to be passed through. Some liquids are much more difficult to manage than others, and this must, of course, be allowed for. A little practice will show the housewife just how closely the cotton must be packed to insure success in filtering the various liquids with which she has to deal.

Power From Long Distances.

Among proposed applications of power at long distances from its source is the lighting of the interior passages and chambers of the Great Pyramids by electric currents generated at the cataract of Assouan, several hundred miles away. The same power is intended to operate pumping stations and cotton-mills along the Nile. In San Francisco it is proposed to obtain 10,000 horse-power, for use in that city, from the water now running to waste on the slopes of the Sierra Nevada Mountains, 110 miles distant.

Don't get the blighted—it will cost you too much for hats.