

South-Jersey Republican

Orville E. Hoyt, Publisher.

Terms--\$1.25 Per Year.

Vol. 19, No. 35.

Hammonton, N. J., Saturday, August 27, 1881.

Five Cents per Copy

E. H. Carpenter's Store,
Bellevue Avenue.
I am well stocked with a good assortment of goods suitable to the wants of the people, consisting in part of
Men's, Boys' and Youths' Boots and Shoes.
Ladies' Fine Kid, Pebble Goat, and Cloth Top Boots, Slippers, etc.
Misses' and Children's Button and Lace Shoes.
Hats and Caps.
Underwear, Hosiery, Gloves, Corsets, Notions, Dress-maker's Trimmings, Fancy Articles, Stationery, School Books, Blank Books, Bibles,
Gospel, Quiver & Garner Hymns, Presbyterian Hymnals, Lippincott's, Harper's and Scribner's Magazines.
Spectacles and Eye Glasses.
Garden and Flower Seeds.
Household Sewing Machines.
Sewing Machine Needles.
Etc., Etc., &c., &c.
For sale at the lowest prices, by
H. CARPENTER,
Hammonton, N. J.

THE LADIES' STORE
OF
HAMMONTON.
TOMLIN & SMITH'S,
Corner of Bellevue & Horton St.
Hamburg Embroideries, Laces, White Goods, Fancy Articles, Toys, and MILLINERY GOODS.
Ladies' Furnishing Goods a Specialty.
Latest Spring Fashions have been received.

ONLY \$20
for this style of PHILADELPHIA SINGERS. Equal to any Singer in the market. Remember, we send it to you examined before you pay for it. This is the same style other companies retail for \$50. All Machines warranted for 3 years. Send for Illustrated Circular and Testimonials. Address
CHARLES A. WOOD & CO.,
17 N. 2nd St., Philadelphia, Pa.
WOODHULL, JNO. T. WOODHULL,
Justice Supreme Court, N. J.
O. S. WOODHULL & SON,
LAW OFFICES,
Cor. Front and Market Streets, CAMDEN, N. J.
AND S. YALON BUILDING.

HAMMONTON
MARKET
You can find the BEST ASSORTMENT of Choice Confections in Atlantic City. Foreign and Domestic. Nuts of all kinds, Eating Apples, Messina and Lemons, Figs, Dates, etc.; Coles & Harker's Cough Syrup, different varieties, Cough Syrup, Imperial, Candy, etc. Also, Cakes, Cakes, Cakes, etc. Also, Cakes, Cakes, Cakes, etc. Also, Cakes, Cakes, Cakes, etc.
O. PACKER.

This is a Free Country

And we can't help it if the people do keep coming in and remarking that

WE are keeping better

Full Cream Cheeses

Than ever before in their recollection.

If you haven't tried it, do so.

Tilton & Son.

We deliver goods to all reasonable distances in town on the afternoons of Monday, Wednesday and Friday. Parties will greatly oblige us by having their orders in early on day of delivery.

Organs. Organs. Organs.

Mason & Hamlin
And other first-class
ORGANS

On hand and coming. And don't forget it. A fine opportunity to make yourself happy with an organ.

For Cash or Easy Payments.

In opening with Instruments of the highest excellence, we hope to merit the approval of our friends and a discriminating public. Come and hear **THE ACME.** It has wonderful sweetness, power, and variety. Finely finished, and reasonable in price. **Great and recent improvements, making THE MASON & HAMLIN easier of manipulation.**
Your patronage respectfully solicited.

Elam Stockwell,
Hammonton, N. J.

T. S. BURGESS Agent.

SEWING MACHINES

A large assortment of first-class Sewing Machines,—the best to be procured in the market.

For Cash or Installments, as heretofore.

Thankful for past favors in this line, we will endeavor to merit a continuance of the same.

ELAM STOCKWELL.
T. S. BURGESS, Agent.

I have several
Second-Hand Sewing Machines,
For sale cheap, if you want them.

Elam Stockwell's Store
Cor. 3d St. & Bellevue Ave.,
Hammonton, N. J.

Aunt Nancy's Mind on It.

And this is the new New Testament
And 'tis come in the sweet o' the year,
When the fields are shuling in cloth-of-gold,
And the birds are singing so clear;
And over and into the grand old text
Reverent and thoughtful men,
Through many a summer and winter past
Have been peering with book and pen,
Till they've straightened the moods and tenors out,
And dropped each obsolete phrase,
And softened the strong, old-fashioned words
To our daintier modern ways;
Collated the ancient manuscripts,
Particle, verb, and line,
And faithfully done their very best
To improve the book divine.

I haven't a doubt they have done it well,
But it is not clear to me
That we needed the trouble it was to them
On either side of the sea.
I cannot help it, a thought that comes—
You know I am old and plain—
But it seems like touching the ark of God,
And the touch to my heart is pain.

For ten years past, and for five times ten
At the back of that book, my dear,
I've made and mended and tolled and saved,
With my Bible ever near.
Sometimes it was only a verse at morn
That lifted me up from care,
Like the springing wings of a sweet-voiced lark
Cleaving the golden air.

And sometimes on Sunday afternoon
'Twas a chapter rich and long,
That came to my heart in its weary hour
With the lift of a triumphant song.
I cannot be changing at my time;
'Twould be losing part of myself,
You may lay the new New Testament
Away on the upper shelf.

I cling to the one my good man read
In our fireside prayers at night;
To the one my little children hushed
Ere they faded out of my sight.
I shall gather my dear ones close again
Where the many mansions be,
And till then the Bible I've always had
Is a good enough book for me.
—Harper's Bazar.

The President's Condition.

Never have the hearts of the people of this great Republic beat in more perfect unison than in our national affliction since our noble President was shot, eight weeks ago. Never have the prayers of a great people been uttered with more fervor and zeal than those uttered for the President, that his life may be saved and he be restored to his family, and to the duties of Chief Magistrate of the Nation. Yet, with all this, and the efforts of the best surgeons in the land, he has been failing from the first, though at times hopes have been made buoyant, the next wave of the electric current aroused our gravest fears, and almost bid hope be still. Thus have we been kept between hope and fear all these days, till now we wait in almost breathless suspense from morn till eve, and from eye to dawn, lest the dread sentence shall be heard—our honored and beloved President has been released from his suffering, and sleeps the sleep that knows no waking. While we hope such a calamity may be averted by his strong nature asserting its power, there is a feeling which will not down at our bidding, that his life is ebbing away. He has lost eighty pounds of flesh. His stomach at times rejects the nourishment the body needs, and he sinks exhausted, lower at every recurrence of this condition. This is not the road to recovery. Mechanical means may accomplish what nature fails to do. Let us hope it will. But the symptoms are bad. Glandular disturbance, with delirium, in his weak condition, are not favorable indications. But surgical skill may circumvent these. There is a point, however, beyond which surgical skill is of no avail. This point he is fast approaching, if he has not already reached it. Of course we judge from the reports that reach us. If these are incorrect, our judgment fails. We wait, in almost breathless suspense for the verdict of the surgeons—success or failure—and while we hope for the former, we fear we shall hear the latter.

He who doeth all things well has the good man in his hands, and we must bow submissively. M. D.
Hammonton, Aug. 25, 1881.

"What kind of a mark is that?" said Magrady to his friend Talthorpe, pointing to a scar on his face. "It's a question mark," replied the other; "got it for asking a man if it was warm enough for him."—Puck.

News Items.

James Hunt had his leg badly injured on Monday, by being thrown from a train, foot of Federal Street, Camden.

Peaches are scarcer than ever before, and so high as to be out of the reach of most people. They say, by the way, that the fruit is not very good anyhow, this year.

A Philadelphia paper says: "All the papers have been drawn up preparatory to taking the New Jersey Central Railroad Company and the Lehigh and Wilkesbarre Coal Company out of the hands of the Receiver.

A little child named White came near losing its life, Monday, in Camden. It was looking out of a second story window when the sash fell across its neck. A member of the fire department rescued it by reaching it with a ladder.

There was a big fire in Philadelphia, Tuesday morning. Nearly the whole block bounded by Delaware Avenue, Arch street, Water Street, and an alley north of Arch, was destroyed. Loss estimated at \$500,000. Reported that two watchmen lost their lives.

The contracts for the new buildings of the Crescent Pottery Company, to be erected in Trenton, have been awarded. There will be five buildings, and it is expected that the factory will be in operation by the first of December. The works will be devoted to the manufacture of sanitary ware and druggists' sundries.

The Pennsylvania Railroad Company is about widening its road-bed so as to have four tracks between Philadelphia and Trenton. For this purpose quite a number of lots have been bought in Bristol, and several houses will be torn down, none though of much value. The work will commence at once.

Mrs. McMahon, of No. 46 Monroe street, Hoboken, Tuesday evening placed a bottle of whiskey on one of the lower shelves of a closet. In her absence her nine-year-old son, Dennis, climbed on a chair, got possession of the bottle and swallowed a large portion of the contents. He died in the course of the night in great agony.

Curlwets, willets, brown backs, yellow legs and the other varieties of shore birds are making their appearance all along the Jersey coast, but the main bodies of them seem to be loath to tarry long until they pass the line of Summer resorts; and the feeding grounds sought by them seem to be south of Atlantic City and north of Cape May, where the shores are not so much sought by Summer sojourners.

Some quiet work is being done by the Bi Centennial Association of Philadelphia, in the way of getting prominent citizens to pledge conditional subscriptions for the purchase of the Main Building. It is known that a great many promises have been made, and communications have been opened with a well-known amusement manager, who will be asked to take charge of the concern. Rumor says that Adam Forepaugh will give \$200,000 conditional upon the remainder being raised.

Colonel Corbin, master of ceremonies at the Yorktown Centennial, has issued a circular regarding the arrangement for the celebration, which is to take place October 18, 19, 20 and 21. Present advices promise a military representation from nearly every State in the Union. Above ten thousand troops have already signified their intention of being present, and it is believed the militia alone to take part in the celebration will exceed thirty thousand. Many States will send full regiments, together with the Governors of most of the States, accompanied by their staff. For the reception and proper comfort of the latter a building is to be erected. Adjutants General of States and commanding officers of troops intending to participate are requested to call for any information concerning the celebration that may in any manner aid in rendering the occasion worthy the great event it is designed to commemorate.

One of the most wretched of crimes is that of throwing railroad trains from the track. The man who cuts a throat is more worthy of respect. Some ruffians threw a coal train on the Lehigh Valley railroad into a ditch near Whitehall station, Pa., on Saturday night, but by good fortune no one was hurt. The damage to property, however, was large.

If you are tired of taking the large old-fashioned gripping pills, try Carter's Little Liver Pills and take some comfort. A man can't stand everything. One pill a dose.

ESTABLISHED 1854.
3, 5, 7, 9. 3, 5, 7, 9
SAMUEL LEES,
NORTH SECOND ST.
East Side, above Market,
PHILADELPHIA.
OLD ESTABLISHED DRY GOODS AND NOTION STORES, Nos. 3, 5, 7 and 9 North Second Street, offers great inducements in DRESS GOODS, MUSLINS, GINGHAMS, CHEVIOTS, TABLE LINENS, NAPKINS, TOWELS, CRASHES, etc., etc.
We make **Black Cashmere** and other fine goods. Our **Woolen** department contains the largest and most complete line of **Hosiery, Gloves, Hamburgs, Edging, and Underwear** which we offer ten per cent. cheaper than can be bought elsewhere. Buying and selling only for cash, and having four stores to buy for, we are able to buy in larger quantities, and buy at lower figures, and therefore sell cheaper than any Dry Goods and Notion House in Philadelphia.
SAMUEL LEES.
2 5, 7, 9 N. Second St., Phila.
681-17

Camden & Atlantic R. R.

DOWN TRAINS.									
Stations.	H.	A.	A.	M.	F.	S.	A.	M.	F.
Philadelphia.....	6 00	4 15	2 30					5 00	
Cooper's Point.....	5 12	4 25	3 15	9 45	8 12				
Penn. R. R. Junc.....	6 15	4 31	3 21		8 13				
Haddonfield.....	6 35	4 42	3 32	10 15	8 32				
Ashland.....	6 44	4 48	3 39	10 25	8 39				
Kirkwood.....	6 53	4 53	3 47	10 40	8 45				
Berlin.....	7 08	5 04	3 50	11 05	8 56				
Atco.....	7 16	5 12	4 07	11 20	9 03				
Waterford.....	7 25	5 21	4 10	11 40	9 11				
Ancoara.....	7 34	5 26	4 25	11 48	9 18				
Winslow Junc.....	7 39	5 32	4 31	12 25	9 22				
Hammonton.....	7 46	5 40	4 38	12 45	9 29				
Da Costa.....		5 42	4 42	12 52	9 33				
Elwood.....		5 55	4 51	1 15	9 42				
Egg Harbor.....		6 15	5 10	1 35	9 52				
Pomona.....		6 25	5 20	1 45	10 02				
Atlantic City.....		6 42	5 35	2 15	10 12				
May's Landing.....		6 55	5 48	2 35	10 25				

UP TRAINS.									
Stations.	H.	A.	A.	M.	F.	S.	A.	M.	F.
Philadelphia.....	7 35	9 20	6 05					7 20	
Cooper's Point.....	7 28	9 12	5 57	11 04	7 14				
Penn. R. R. Junc.....	7 23	9 08	5 53		7 00				
Haddonfield.....	7 07	8 58	5 43	10 32	6 56				
Ashland.....	6 57	8 51	5 37	10 22	6 49				
Kirkwood.....	6 52	8 46	5 32	10 15	6 44				
Berlin.....	6 39	8 36	5 22	9 52	6 33				
Atco.....	6 32	8 28	5 15	9 40	6 27				
Waterford.....	6 24	8 19	5 05	9 25	6 19				
Ancoara.....	6 18	8 12	4 55	9 13	6 13				
Winslow Junc.....	6 13	8 05	4 44	9 05	6 08				
Hammonton.....	6 05	7 52	4 42	8 50	6 00				
Da Costa.....		7 47	4 37	8 36	5 55				
Elwood.....		7 39	4 29	8 25	5 47				
Egg Harbor.....		7 30	4 20	8 05	5 37				
Pomona.....		7 15	4 09	7 45	5 26				
Atlantic City.....		7 05	3 59	7 32	5 16				
May's Landing.....		6 50	3 45	7 10	5 02				

Up express stops at Hammonton 8:48 A. M.
Philadelphia 9:50. Express, Hammonton 12:03
Philadelphia 1:05. Down express leaves Vine Street 4:45, Hammonton 5:52

Philadelphia & Atlantic City

Time-table of May 7, 1881.									
Stations.	M.	A.	A.	M.	F.	S.	A.	M.	F.
Philadelphia.....	6 00	5 00	8 00					6 00	
Camden.....	4 45	5 20	5 20	8 20	8 20				
Oakland.....	4 57	5 27	5 29	8 29					
Williamstown Junction.....	5 58	5 06	6 05	9 06					
Cedar Brook.....	6 12	5 19	6 18	9 18					
Winslow.....	6 31	5 39	6 38	9 38					
Hammonton.....	7 35	6 23	6 32	9 51					
Da Costa.....	7 20	6 33	6 38	9 53					
Elwood.....	7 43	6 41	6 45	9 45					
Egg Harbor.....	8 00	6 51	6 55	9 55					
Pleasantville.....	8 55	7 18	7 16	10 21					
Atlantic City, Ar.....	9 18	10 30	7 30	10 25					

Acc. M'd Acc. Sundy									
Stations.	A.	M.	A.	M.	F.	S.	A.	M.	F.
Atlantic City.....	6 00	10 40	4 00						
Pleasantville.....	6 15	11 19	4 10	4 10					
Egg Harbor.....	6 38	11 47	4 36	4 36					
Elwood.....	6 44	12 16	4 40	4 40					
Da Costa.....	6 58	12 26	4 47	4 57					
Hammonton.....	7 02	12 39	5 00	4 58					
Winslow.....	7 12	12 45	5 17	5 17					
Cedar Brook.....	7 29	1 18	5 27	5 27					
Williamstown Junction.....	7 30	1 30	5 33	5 30					
Oakland.....	8 03	2 28	6 00	6 00					
Camden.....	8 10	2 40	6 07	6 00					
Philadelphia.....	8 30		6 25	6 20					

The express leaves Atlantic City at 7:00 A. M.
Pleasantville 7:14; Hammonton 7:32; arrives at Philadelphia at 8:00. Returning leaves the city at 10 P. M., arrives at Hammonton at 5:58; Pleasantville 5:47; Atlantic City 5:00

STARTLING DISCOVERY!
LOST MANHOOD RESTORED.
A victim of youthful indiscretion, lost manhood, premature decay, nervous debility, lost manhood, etc., having tried in vain every known remedy, has discovered a simple self cure, which he will send FREE to his fellow-sufferers, address J. M. KENNER, 43 Chatham St., N. Y.

London in Hot Weather.

The general aspect of London during the hot weather has been interesting and unusual, if not picturesque. In the park ladies and gentlemen in pith helmets watched from on horseback the distant gambols of the bathing boys, while the police took upon themselves to forbid the Serpentine to bathing girls. Here, but for the weather, would be a charming grievance for the advocates of women's rights. But even men find it hard to make unusual exertions, and though the philosophers may find heat a mode of motion, it supplies in the recent form a still greater motive for repose. The Land bill hangs limply and flaccid from the hands of perspiring legislators. Curiously compounded drinks are everywhere advertised. We must spare what the water companies supply, but we need not spare mineral waters. As it was when the people clamored for bread and the little princess offered them cake, so now we are permitted without interference to patronize the Apollinaris Company or the St. Galmier Company as if we did not buy and pay for the water brought to London by the Grand Junction and any other of the monopolizers of our supply. The cavalry charges at every horse-troop add a new terror to our streets. Railway porters and port boys go about with Japanese fans. Drivers protect their heads with green cabbage leaves. Young ladies wear lovely pink gowns, and the muslin shops have exhausted their summer stocks. For four years past "prints" have scarcely been seen in the streets, but this year every second woman displays in her dress one of Mr. William Morris' latest scrolls. Washerwomen are coining, but fishmongers are in despair; were it not for the ice trade they might close their shutters. Every one complains; "yet who would live past years again?" People who have nothing to do have no excuse if they cannot enjoy the pleasures of the season in which rain has marred no picnic or flower show, postponed no review or coach parade. On the other hand, people who have to work display an unusual irritability of temper. Little cases are frequent. The quarrels of authors, and still more the quarrels of authors and publishers, are everywhere heard. The farmers, too, will have cause to grumble in all probability, however the weather may turn out now; for the fineness of the past few weeks has kept their crops from growing, and rain will prevent them from reaping even what they have.

The Fair Sex.

Something that will interest, instruct and amuse.

A barber shop at Jackson, Mich., has four girl apprentices.

We don't object so much to their being called catfish, except that it is very unjust to the turkey.

A breach of promise suit was compromised in Indianapolis, by the defendant providing the girl with a husband of equal value with himself.

Before Mrs. Patton died, at Evansville, Ind., she induced her husband and her daughter by a previous union to promise to marry, and the arrangement is to be carried out.

There was once a Sir James Wile Hogg who made a fortune in India, and whose wife, holding a distinguished place in London fashionable circles, gave splendid parties. It is said that a young blood, meeting one of the Misses Hogg at a ball, and, not knowing her name, asked her if she was going to a certain party at the "piggery." Her naive reply was: "Oh, I am one of the litter."

A Broadway dealer in curiosities, says the most singular article of a lady's toilet he ever saw was a fan. It was of fine yellow lace, and had richly carved wooden sticks, each stick inlaid with a crescent of clear shell-like substance. It was made by a lady of Normandy. The lace was woven from her own golden hair, and the tiny crescents, so highly polished, were the tips of her finger nails.

Cannot a lady be so well dressed as to be ill dressed? When one is so extravagantly and richly attired that every passer-by, male and female, is irresistibly impelled to turn about and look at her clothes, the seeming paradox above presented seems to be supported. The Boston Journal thinks the perfection of good dressing would seem to be reached when one cannot tell five minutes after carefully noticing a passing lady what she had on.

The meekest man on record is in New York. He invited a night watchman to take a drink, and slyly put in it a powerful stimulant that would keep the man awake all night.

Agricultural.

Seedling Wheat.

As September is near, which reminds us that the leaves are about to turn yellow, farmers will soon be plowing wheat land. The most important thing about wheat-growing is getting the seed in the ground. It is a common practice, much to be condemned, of putting off the seedling of wheat until the last moment. The contrary direction should be followed, and instead of deferring seed-sowing until all other work is done, there should be an endeavor to get the seed in by the first of October.

In the first place plow deeply, not less than six inches, and, if possible, on stiff, clay lands let the subsoil plow be used. This answers two purposes. It opens the land deeply, letting down the excess of water when we are visited by heavy rains, and allows the roots to penetrate easily to secure a firm hold. Sow early, for then the plants have time to bed themselves and secure a firm foundation against the action of frosts, which throw the plants up when the land thaws in the spring. Wheat that has been in the ground long enough to secure a good root-hold is at least over the greatest difficulty, and it is only those who have made the mistake of sowing late that have been the heaviest sufferers.

The seed should be carefully selected. As the price of "fresh blood" in livestock, so should we change seed in order to get the best results. There have been many new varieties introduced of late that are worthy of a trial, but such should be tried on a small scale before making it general. Certain kinds are adapted to particular localities, and the farmer's experience should guide him in that respect. But under no circumstances should seed be sown that has not passed a complete inspection. In England, where they wish to avoid cockle or other noxious weeds the seed is brought into the house and the whole family are employed for weeks in picking over it carefully and rejecting every unsound or imperfect grain, frequently using a magnifying glass to facilitate the operation. In this country we cultivate on too large a scale to use such means, but, however, as there is considerable time during the winter between now and October, the farmer should be profitably spent in overlooking the seed. The utmost care is necessary, and future labor will be saved thereby.

Wheat should follow corn or root crops, as they require clean cultivation, and the wheat will be less liable to competition from weeds. Harrow the wheat as soon as it is well up, and also again in the spring. Drilling is preferable to broadcasting, and the roller can be advantageously be used where the land is lumpy or cloddy.

Did it ever occur to farmers that wheat can be cultivated with profit? We have the authority of the Patent Office Report on Agriculture that an Englishman planted wheat one foot apart each way, manured and used the hoe on it, with a return of over 100 bushels to the acre. This does not seem credible, but there is no doubt the cultivation of wheat would pay in the increased yield by such a method, as is evinced by the effects of frequent harrowing.

It is recommended, if a good yield is desired, to sow early, select the plump seed and cleanest seed, harrow as often as possible and manure well. With good preparation of the land, and with care and judgment in seeding, the farmer need not fear next year's performance with his wheat crop.

Comb Foundation.

Artificial combs of various kinds have been tried, with little success, at different times; but during the past four or five years what is called "comb foundation" has been used with the best results. The present mode of manufacturing is as follows: Thin sheets of combalized iron are plunged into a tank of melted beeswax, then withdrawn and immersed in cold water. As soon as they are cool enough they are removed from the water, and the thin sheets of wax are "peeled" from their sides. These sheets of wax are passed between two rollers, upon whose surfaces are indentations shaped like the base of a honeycomb cell. After passing between the rollers a sheet of wax resembles a piece of comb with cells about one-sixteenth of an inch in depth. These sheets are the comb foundation; in using them they are fastened inside the movable frames and hung inside the hives, when the bees proceed at once to draw out, with their mandibles, the walls of the shallow cells, until the cells are of full depth. There is wax enough in a sheet of

foundation to make a complete comb; hence the bees have to secrete no wax when building combs from foundation. Two other methods of making foundation have lately been used to some extent. One is to pass a sheet of wax between two dies in a powerful press; the other is that of dipping plates made of plaster of Paris or of rubber, whose surfaces are covered with comb-shaped indentations, into melted wax, then bringing the plates together with a slap. (The plates are hinged together at one side, so that they may close like a book.) The plates are then placed in water until they are cool, when they are opened and the foundations removed. Very thin foundations, the bases of whose cells are flat instead of lozenge-shaped, is used considerably for "starters" in surplus boxes. The foundations used in the brood chamber are so thick that a "fish-bone" is sometimes left in the center of the comb. In manufacturing foundation, many experiments have been made with a view of substituting something in the place of real beeswax, such as paraffine, ceresin, and the like, but all so far, have resulted in failure. Paraffine will make beautiful foundation, and the bees will accept it at once, but as soon as we have warm summer weather the beautiful comb, honey and all, will fall down in a shapeless mass in the bottom of the hive.

With hives having deep frames, foundation is liable to sag or stretch, and sometimes to break down. To obviate this difficulty, holes are made with an awl through the top and bottom bars of the frames, and very fine wires woven back and forth, perpendicularly, across the frames; the foundation is then placed inside the frames upon the wires, and then put in the sun. When the foundation becomes soft the wires are pressed down upon it until they become imbedded in the wax, when the frame is ready to be given to the bees. Those who make their foundation with a press can place a frame, already wired, in the press, lay a sheet of wax in the die, then the wires, and then the foundation directly in the frame and bed the wires all at one operation.

To fasten foundation into brood frames turn a frame upside down upon a table, lay one edge of a sheet of foundation so that it nearly covers the top bar, lay on a small strip of wood, and with small tacks nail it down. The stick must be nailed so that the foundation will hang in the center of the frame. Turn the frame over, wet one finger, and run it along the sheet to break, or rather to bend, the foundation over at right angles. This work should be done in a warm place. A sheet of foundation should just touch the side bars of the frame for a distance of two inches down from the top bar; then it should gradually taper as it nears the bottom, where it should lack about three-eighths of an inch of touching the side bars, and should lack about an inch of touching the bottom bar. These directions for the foundation in the frames are for guiding where the bees are to be fastened, and the wires are about one foot in depth. The hives should stand perfectly level as the foundation naturally seeks a perpendicular position.

Foundation is accepted by the bees as if it were dry, natural comb, and by its use straight worker-combs are secured. In our northern latitudes, all the honey that is gathered must be secured in a space of time not generally exceeding six weeks. At times the honey seems at once to rain down. When bees build combs to secrete wax, then a few dozens or hundreds build comb, while the others wait their opportunity. With broad sheets of foundation, every bee has an opportunity either to draw out the foundation or to bring honey, and the result is surprising.

Farm and Workshop Notes.

An inch of rain weighs over 100 tons per acre of surface.

Manure from grain-fed horses, free from straw, unexposed to weather, will weigh about 4500 pounds per cord.

Three million dollars are paid out in corn flowers annually in the city of New York, two-thirds of which sum is spent for roses.

No brick wall that ever is intended to be painted should be whitewashed. All washes absorb water, and in damp weather lose their color.

Peter Henderson says there are no secrets in horticulture, and every man who pretends to have them is either an ignoramus or an impostor. The laws of growth are the same as they were a thousand years ago.

Paper betting is used with success in the machinery hall of an exhibition now held in Japan. It is stated that the betting made of paper has been tested and found to be much stronger than that made of ordinary leather.

Carbon trading paper is prepared by rubbing into it a suitable tissue a mixture of six parts lard, one part beeswax, and sufficient fine lampblack to give it a good color. The mixture should be warm and should not be applied to excess.

The ox-eye daisy which whitens whole counties in the more Eastern States is pronounced a "charming thing" by the *London Gardeners' Chronicle*, and that journal states that it adorns railway embankments and other waste places "with great sheets of silver and gold."

The "Shepherd's Manual" says: "At the age of 3 years in the Cotswolds and other forward breeds the fourth and last pair of front teeth appear, but other breeds they are not present until 3 and 4 years. The sheep is then what is known as 'full-mouthed.'"

Take care that the calves do not fall off in condition at fly-time. Give them some oats and ground feed soaked in water, and let them have a good start. If the flies bother them too much about the calves in a darkened shed or stable during the day, letting them out at night only to feed.

The Pockington grape having been before the public since September, 1877, and tested in many localities with equal success, the claims of its friends, that they have a white grape equal in all respects if not superior to the Concord and adapted to succeed in all sections of the country, would seem to be well established.

The raspberry crop along the Hudson will be fully one-third larger than that of last year. Growers who have largely cultivated the Antwerp say that the yield this year is better than it has been during the past five years. The yield of the Native or Highland Hardy is also prolific. The fruit was never finer or richer.

Women as Rulers.

The talents displayed by women as rulers—a position which strangely has been accorded them in all ages and stages of civilization—has frequently excited admiration. It has been repeatedly said, too, that in this position she has been cruel, treacherous and bigoted as man can be; but this only proves that talents, however rare, cannot supply the place of principles in woman or man. But women as philanthropists have accomplished most for their race and won readiest acknowledgment.

Queen Esther's one act, risking her life for the sake of the people, won her a place in history for all time. The Roman matron pleading for the salvation of the doomed city touches every heart. Queen Isabella, the patron of Columbus, through her mistaken judgment, suffered the dread inquisition, yet is remembered for her zealous efforts for what she believed the good of her subjects. Elizabeth, of England, because she became a "rock of refuge" to the persecuted for "conscience's sake," has a mantle of charity thrown over many weaknesses, and is "good Queen Bess." Glancing at examples in humbler walks: The very name of Dorcas has become a synonym of benevolence. Not only all England, but America, and the slow German States, were moved by the personal efforts of a large-hearted Quaker matron, Elizabeth Fry, to make lasting reforms and render justice in the interest of outcast, condemned humanity.

Stones that Travel.

In some parts of Australia and in Nevada are found stones that travel. They are shaped like perfectly round and in many cases as large as a walnut and of hard iron nature. When thrown about the floor, table or other surface within three feet of each other, they will commence to travel to a common center. They will thus buddle up in a bunch like a lot of eggs in a bunch like a lot of eggs in a nest. Take a single stone and remove it to a distance of three or four feet, and upon being released it starts off with a celerity which would amaze a man. Take it away five feet, it will remain motionless. They are almost always found in comparatively level and barren regions. Scattered in these barren regions are little basins from two feet to a rod in diameter, and in the bottom of these the rolling stones are found. They will be found from the size of a marble to six inches in diameter. The rolling together is an account of the material of which they are composed, which is a substance called lode-stone.

Domestic Economy.

SAGO JELLY.—To one quart of water put six large spoonfuls of sago; the same of sugar; boil to a jelly; allow all the time while boiling; flavor to your taste; put in molds (teacups can be used for molds), and then turn them all out on a large platter, and pour cream or thin custard over them, and around the edge of the dish place a row of fresh geranium leaves and some little bright flower.

LEMON Pudding.—Put into a quart of milk half a teaspoonful of butter, one cup of sugar, one cup of bread-crumbs, yolks of three eggs beaten, the juice and half rind of one lemon grated fine. Stir together well, and take in a pudding dish to a light brown. Then beat the white of three eggs to a foam, and stir into it a cup of pulverized sugar. Spread it over the top of the pudding and sprinkle a little sugar on. Then bake slightly to a light yellow.

LUNCH ROLLS.—To one quart of flour take one tablespoonful of lard, one cup of milk, one teaspoonful of salt, four even teaspoonfuls of good baking powder. Rub the lard into the flour in which the baking powder has been sifted, together with the salt; then add the milk and mix lightly. Roll out and cut with a large round mold, turning one half over the other. Glaze with milk and bake in a moderately hot oven for twenty minutes or an hour.

How to Cook Egg Plant.—Pare and cut the egg plant in thin slices; let it stand for two or three hours in cold water, well salted, which removes a strong flavor and makes it more delicate: then thoroughly drained dip each slice into egg and cream well beaten (two eggs and two tablespoonfuls of cream), then into cracker crumbs. Have ready a large frying-kettle of boiling lard, frying a few slices at a time; they need room, if you would have them delicate crisp. Served tomato is very nice with egg plant.

ENGLISH BUNS.—Take one cup of yeast, one cup of sugar, one cup of butter, three cups of sweet milk. Mix at night, omitting the butter and sugar; make a very soft sponge; let it stand all morning and then add the butter and a pinch of soda and the sugar; let it rise again until it is very light, then knead lightly and put into the tins. When light enough bake in a moderate oven till the top is a dark brown; while hot rub over the top with a little bit of butter; this makes the crust tender and smooth.

POTTED TOMATOES.—Skin and slice half a bushel of tomatoes. Put them in a stone jar, first a layer of tomatoes, then a heavy sprinkle of salt. Let them stand three days, then take out the tomatoes and put them in another jar, first a layer of tomatoes, then one of onions, sprinkle with mustard powder, macerated and cloves and a little sugar. Continue this up to your tomatoes are exhausted. Half a bushel of tomatoes will require one pound of mustard, two ounces of cloves, one ounce of mace, twenty-five good-sized onions, one pound of sugar.

DOLLY VARDEN CAKE.—Two cups of sugar, two-thirds of a cup of butter, one cup of sweet milk, three eggs, three cups of flour, one and a half teaspoonfuls of baking powder; bake half the above in jelly cake tins, and to the rest add one cup of chopped raisins, one-half cup of currants, a piece of citron chopped fine, one teaspoonful of cinnamon, cloves, nutmeg and allspice; bake as the other. It is good without the currants and citron. Put together with frosting of jelly. It will take the whites of two eggs for the frosting, and a pound of sugar. Jelly is good to put it together with; then frost if you wish.

TO MAKE A NICE RAGOUT.—Slice cold meat; put it in a stew pan with an onion, or several of them if you like, has been sliced; squeeze half a lemon into it, or a spoonful of vinegar; cover closely without water, and when it begins to cook set the stew-pan at the back of the stove for three-quarters of an hour, shaking it frequently. The onions should now be taken out the meat, dredge in a flour, stir it around and add a gravy, pepper, salt and a small quantity of any sauce or flavoring you prefer; stew gently a minute or so, then put the meat back to get hot, and serve, garnish with slices of toast pickles.

"Honey-moon" is of Toulonite and derived from a luxurious dish prepared by the ancients. It is a custom to use it for 30 days after a wedding.

Mowing.

As he lightly swings his gleaming scythe
Down in the fragrant grove,
And he hums a gay refrain the while
As he turns the winnow over,
And his heart beats time to the old love
Rhyme,
The song of a happy lover.

The cool wind fans his sun-browned cheek,
Then rises the rustling grass
That softly bends their graceful heads
To every breeze that passes,
And a whirling cloud of locusts looms
Springs up from the scented musk.

He notes the timid meadow lark
Above her low nest tower,
And gently lifts his scythe to leave
The grass uncut above her,
And the lively day his heart is gay
As the heart of a happy lover.

For walking home with Kate last night,
When the stars were softly shining,
He told the love he long had known,
And his heart was waiting;
And he knew the stars were first like
Last night when the stars were shining.

And as he hums an old love-tune
As he lightly cuts the clover,
And his dark eyes shine with a tender light
While one of the love songs
And the lively day his heart is gay
'Tis the heart of a happy lover.

The Stage-Driver's Story.

In '67 Jake Poole was staging the route from Gallatin to Helena, in Montana, driving a four horse coach in summer and a "jerk" in winter, seventy miles a day through the wildest region, and over one of the most dangerous routes in the United States. The country through which this trail ran for it was little less than a trail—was totally uninhabited, but for the three stage stations, where horses were changed, and where men and dogs, or but, twenty miles apart. The Indians, although generally friendly, were liable to become enemies at a moment's warning; road agents and outlaws were thicker upon the Gallatin route than any other north of the Union Pacific Railroad, and the route itself ran through precipices, as though originally laid out by mountain sheep. Notwithstanding all this, Jake was a successful driver, making better time, and ran his coach at a smaller expense to the company, than any other man in his employ. But when misfortune did overtake him, it was no light hand that the genius of evil laid upon him, which the following adventure proves: One muggy morning, in early May, as Jake hauled up in front of the stage office and prepared to receive mail, express and messengers, and passengers, a messenger called to him from the Wells Fargo agent called to him from within. Throwing the reins over the foot brake, Pool descended from his perch and entered the office.

The agent shut the door behind him; when drawing near he said, in a half whisper: "There's fifteen thousand in currency in the safe, to take over to-day."

"All right!" responded Jake. "I've carried more before now and carried it safely."

"But," said the agent, drawing nearer, "Dick's sick and there's no messenger."

"Ah!" said the driver, meditatively; then, touching the revolvers which hung at his belt: "I'll be messenger and coachman both then."

"But," still continued the other, "there's one thing more," and he leaned forward so that his lips touched his companion's ear. "Copper Tom and his pal, old Jim, are on the road. A man from Cross-Trees was robbed by them last night."

Pool whistled long and low, and his hand fell from his pistol butt. "Copper Tom" was the worst road agent in Montana—a desperado with both courage and brains.

"Don't send the rage,"

"I must!" said the expressman anxiously. "The order is peremptory; the money must go to-day, messenger or no messenger. Now, will you take it and carry it through?"

Jake laughed.

"I'll take it; that's part of my business. Throw the safe under the seat, and give me your pistol, I may want it," and he took the other's revolver from the desk, where it lay and thrust it into his boot-top. "As to carrying the money, that's another matter, with me it follows to stop it. But I'll promise you this—if I go through, the safe will be all right."

The agent grasped his hand and shook warmly. The door was thrown open, and the driver mounted his seat, the passenger (an old woman, to be the first station) got in; the messenger, the horses plunged, the coacher heavily forward and, a shower of mud, disappeared the steep mountain road.

"That was May, the morning

as cold, and it was not until the sun had climbed well up the eastern sky that the chill thawed out of the air, and by that hour Pool was more than twenty miles upon his journey, with fresh horses in their traces, and an empty coach behind him. He began to brighten with the sun.

"After I get through the Devil's Pass," said he to himself, "Copper Tom or any other man may whistle for me, for from that to Dickson's is as handsome a road as ever a horse struck foot upon, and whoever tries to stop me there, unless he shoots first, will go under the leaders' feet. I intend to make that little seven miles in just twenty-eight minutes without brakes."

And he gathered his reins with a firmer hand, as if already whirling at that mad pace down the mountain side.

"Let's see," he continued, "if nothing goes wrong and the road's all right, I ought to make my last change by 5 o'clock and reach the Pass before 6. I'll strike Dick's before 7, certain. Beyond that the road is too open and too much traveled into Helena to be dangerous. By Jove," he concluded, his heart warming as he struck his heel against the safe beneath the seat, "I don't see where the agents can stop me unless—Good heavens! what if they try it in the very Pass itself? I had not thought of that!"

The man was silent for a moment and his face grew; then, brightening, he shook his reins, loosened his revolvers in boot and belt, and concluded his soliloquy with the remark:

"Well, if they meet me in the Pass, 'twill be almost an even thing. If they miss their first shot I'll run 'em down, drive 'em into the canyon, or drop 'em with my pistols. If they don't miss, why then the swag's theirs!"

It was now high noon and soon station two was reached, where horses were again changed and where Pool dined upon jerked bear meat, hot bread and black coffee. Strong food, but none too strong for the long ride yet before him.

As he mounted the box and prepared to depart the keeper of the station slipped from his dugout and drew near.

"There's an old pard down the road a bit that'll want a ride. He war here about two hours ago. He'll bear watchin'!"

And the rough frontiersman touched the pistol butt which protruded from his open shirt-front to emphasize his warning.

Jake nodded.

"Thanks, Tom. I'll keep my eyes open. So long!"

The fresh steeds in harness sprang strongly forward, and the empty coach whirled away.

"It's old Jim, sure," said Pool to himself, as his trained eye searched the road before him. "The old devil wants to ride so that he'll be on hand when Copper Tom turns up in the Pass. I see it all!"

The teeth closed with a snap.

"Good," he continued a moment later. He shall ride."

Some five miles were passed, when, in the shadow of a pine that grew near the trail, Jake espied his prospective passenger prone upon the ground, apparently resting. As the coach drew near the man arose slowly:

"Hello, driver! Kin ye favor an old bogle with a lift? I'm too old to tramp as I used to, an' too poor to pay for a ride. Kin ye give me one?"

He stepped forward as he spoke. Poor he was, if tattered garments betokened poverty. Old he surely was, for the withered skin and scanty gray locks, the claw-like hands and sunken eyes could not well be disguised.

Half in scorn and half in pity, yet fully aware of his danger, Jack drew rein and replied:

"Yes. Be lively! I'm behind time now. How do you go?"

The old man answered, as he struggled to a seat at the driver's side:

"Dickson's."

A touch of the whip and the horses were again upon a trot. Pool eyed his companion and almost unconsciously dropped his hand to his boot top and loosened the revolver there.

"Cold day for May," said the newcomer shivering. "This yer wind's sharp."

"Yes," responded the other, wondering where about his ragged clothes the second had concealed his weapons. It is cold; but you'll find it warmer in the Pass."

"Sure?" said the old man, leaning in Jake's face.

"Sure," responded that worthy, his blood chilling with the covert hint in

the word; and he urged his horses to yet greater speed.

The grade was sharply descending now, and the road rocky and rough. A mile more and the Pass would be reached. The coach fairly swayed under his rapid motion.

Old Jim was forced to cling to the seat with both hands, in order to avoid being hurled to the ground. This was as Pool desired, and he smiled grimly as he noticed the other's action.

"Yer-a-drivin'—purty-fast!" screamed the gray-headed desperado, the words fairly jerked from him as the coach sprang forward, rocking from side to side. "You'll—hev—to—hold—up—at—the—Pass—I—reckon!"

Jake set his teeth.

The granite walls of the Pass were now just before them, and the roadway descending and steep, ran into the shadow of the coming night and the gloom of the grave-like opening—a narrow path, but little wider than the coach itself.

The roar of the angry river below knelled a never ending warning, as the ragged rocks, and the death-like mist that crept up was deep and chill.

"I won't hold up!" and with these words the driver struck his horse sharply, and, snorting, they sprang forward into the Devil's Pass.

At the same instant, half way through the terrible gorge, standing motionless in the centre of the roadway, a beelling wall of rock upon one hand, a chasm of unknown depth upon the other, was seen a man.

The driver was awaiting his quarry.

The old man at Pool's side uttered a cry, and loosening his grip of the seat with one hand he would have thrust it into his breast; but the other leaped suddenly toward him, and pressing a revolver muzzle against his forehead, whispered hoarsely:

"Down with yer hands! If ye stir ag'in I'll kill ye! I know ye, old Jim, an' ye can't catch Jake Pool nor his horse! This is 'time! Down with yer hands!"

The shuddering rascal's hand fell at his side; his face grew ashen-hued, and his eyes stared before him. They were rapidly approaching Copper Tom, and for an instant as they came, then, worthy stood facing them; then, through the fading light he saw the position of his pal, upon whom he had depended—he saw the stern, set face of the driver, and he knew that the horses plunging down upon him—and with a terror-stricken cry he turned and fled!

Could he but reach the lower end of the causeway he might escape—could he but find a single spot to turn aside he would be safe; but it was not to be. Nearer and nearer thundered the iron-shod heel behind him, narrower and still narrower grew the fatal road, until there rang a horrible, despairing cry, mingled with the frightened snort of the horses, a dark something bent down before the plunging steeds, rolled an instant before their grinding feet, and then, spurred by the flying wheels, was hurled into the canyon beneath, and the coach sped on.

Half an hour later Jake Pool pulled into the corral at Dickson's ranch, and tumbling a half fainting man from the seat at his side into the arms of the astounded hostlers he said:

"Dick! That man and give him to the sheriff! It's old Jim, the road agent! His pard's at the bottom of the gulch in the Pass; this one ought to stretch hemp when the officers get him, and I've driven my last run from Gallatin! There's too much risk about the business for me."

And Jake kept his word. He no longer coaches it, but now keeps public house in Helena itself, where, not long since, at his own swag fireside, he told me this thrilling tale.

Scientific and Useful.

Surgery has made rapid strides recently. The latest triumph was an operation performed by Prof. Theodore Billroth, of Vienna, which marks a new epoch, near the part was enclosed with its roots. The cancer occupied about a third of the lower portion of the stomach, in a woman 43 years of age, the mother of eight children. After complete removal of the tumor it was necessary to cut out a V shaped portion of the stomach to bring the flaps properly together, after which duodenum or bowel was fitted to the new opening, and the whole was secured by 54 stitches, dressed with a carbolized solution and replaced. The operation lasted one hour and a half. The patient speedily recovered.

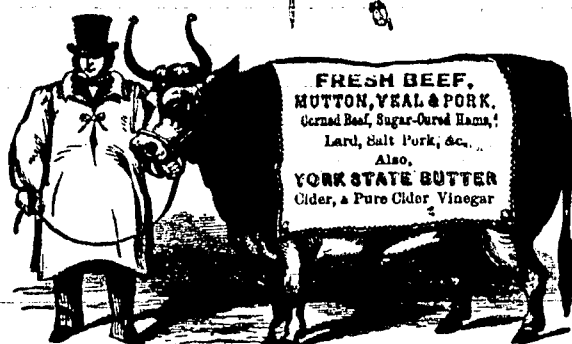
THE BLOOD.—Never, under any circumstances, rub the limbs downward. The blood in circulation which can be reached by rubbing is all venous or blue blood. It is charged with waste and poisonous materials, and is struggling to get to the heart and lungs for purification. Always rub upward. But few invalids, especially with female difficulties, who will not feel a new life imparted to them when this is tried for the first time. Valves are placed in the veins purposely to resist downward movement, while the stiff arteries near the bone are without them. Clasp the wrist tightly and see what multiple currents of poison start out on the hand which none appear on the arm lack of the ligature. A life could be destroyed in a short time by simply rubbing the limbs downward, while you can almost drag the dead out of the grave by rapid, persistent and general rubbing of the limbs upward, if no lesion of vital parts has occurred. In view of this why has it not been so stated in the hundreds of "Directions" for restoration of the apparently dead from apoplexy and syncope—as in drowning and heart disease? Rubbing to aid simply affects the capillaries, doing little if any good. Artificial respiration is beneficial, but only when it has given impulse to the heart. The best results will be obtained by having as many as four or six persons rubbing the chest and abdomen.

MEDIUM WOOLS.—There is a lack of the medium wools in this country which is always felt, and sometimes very seriously, causing them to be almost constantly relatively higher in price than the other wools. We have run very largely to the fine wools, and of these we are producing more and more every year, or at least are raising more of the fine wool sheep. On the other hand the long wools are increasing constantly, so that in time—perhaps at no very distant day—we shall produce all the long wool we need. But on medium wools we are short, and are compelled to import. We are in need of the fine and long wools which we now produce, and more, but we want more of the medium in addition to them. We observe from recent publications that in Canada this subject has been brought prominently to the attention of sheep growers. The Canadian manufacturers deplore the lack of medium wools, and say they have great difficulty in securing what they need. One of these gentlemen recently said that he was compelled to import fifty thousand pounds of medium wool from Germany. This wool is very similar to that of the Southdown. It cost thirty-two cents a pound, about the same as is paid for Scotch wool. We do not think that a farmer can make a mistake in the selection of breed, except that climate and surroundings must be taken into consideration, for we can use all the wool we can get. But people are going to see the lack of medium wools, and take advantage of it, and when it is possible and convenient to do so, grow more of it. It will require time to develop the wool industry of the United States into proper proportions, but it will be done.

Electrical Induction.

That a bar of iron when converted into an electro-magnet by being placed within a helix through which a current of electricity passes is elongated has been demonstrated by Mr. John Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S. W. Robinson, of the Ohio State University, has proved that the inverse of this is true; that is to say, when bars of iron are distorted by mechanical force electrical currents are induced in the surrounding coils. This has been demonstrated by Mr. Prof. S

M. L. JACKSON IS SELLING



CONSTANTLY ON HAND, ALSO
Vegetables in Season.

Our wagon runs through the town on Wednesdays and Saturdays.

Bring your orders for Job Printing to the
South Jersey Republican Office.

\$10 Outfit furnished, free, with full instructions for conducting the most profitable business that anyone can engage in. The business is so easy to learn, and our instructions are so simple and plain, that anyone can make a neat profit from the very start. No one can fail who is willing to work. Women as successful as men. Boys and girls can earn the same. Many have made at the business over a hundred dollars in a single week. Nothing like it in our town before. All who engage are surprised at the ease and rapidity with which they are able to make money. You can engage in this business during your spare time at great profit. You do not have to invest a cent in it. We take all the risk. Those who need money should write to us at once. All furnished. Address TACE & Co., Augusta, Maine.

Barber Shop.

Wm. HANEY,
Fashionable Hair Cutter
has taken the shop recently occupied by Jos Coast, and will attend to every particular of the business—Hair cutting, Shampooing shaving, etc.
A Clean Towel to Every Man!
Open every day. On Sunday from 7 to 10 in the morning.



Parker's Hair Balsam.
An elegant, agreeable Hair Dressing that Never Fails to Restore Gray or Faded Hair to its Youthful Color. 50c. and \$1 sizes.

Floreston Cologne.

A NEW AND FASHIONABLE PERFUME, FRAGRANT, REFRESHING, LASTING. SOLD BY DEALERS IN PERFUMERY EVERYWHERE. HISCOX & CO., N. Y. GREAT SAVING IN BUYING THE DOLLAR SIZE.

PARKER'S GINGER TONIC

Ginger, Bechu, Mandrake, Stillage and many of the best medicines known are combined in PARKER'S GINGER TONIC, into a medicine of such varied and effective powers, as to make it the Greatest Blood Purifier and Kidney Corrector and the

Best Health and Strength Restorer Ever Used.

It cures Dyspepsia, Rheumatism, Neuralgia, Sleeplessness, and all diseases of the Stomach, Bowels, Lungs, Liver, Urinary Organs, and all Female Complaints.

If you are wasting away with Consumption or any disease, use the Tonic to-day. It will surely help you.

Remember! This Tonic is the Best Family Medicine ever made, and is far superior to Bitters, Essences of Ginger and other Tonics, as it never intoxicates, and cures Drunkenness. Any dealer in drugs can supply you—50c. and \$1 sizes. None genuine without signature of HISCOX & Co., Chemists, N. Y.

LARGE SAVING IN BUYING THE DOLLAR SIZE.

The Cyclopaedia War.

The month of July, 1881, witnesses the completion of the largest and most important literary work this country and the century have seen. It is the Library of Universal Knowledge, large type edition, in 15 large octavo volumes, containing 10 per cent more matter than Appleton's Cyclopaedia, at less than one-fifth its cost, and 20 per cent more than Johnson's Cyclopaedia, at a little more than one-fourth its cost.

Chambers's Encyclopaedia, which forms the basis of the Library of Universal Knowledge (the last London edition of 1880 being reprinted verbatim as a portion of its contents), is the laborious product of the ripest British and European scholarship. It has developed through a century of Cyclopaedia making; its various revised, in successive years, till it has come to be universally recognized, by those competent to judge, as standing at the very front of great aggregations of knowledge, and better adapted than any other Cyclopaedia for popular use. It contains such full and important information as the ordinary reader, or the careful student, is likely to seek, upon about 25,000 subjects in every department of human knowledge. Chambers's Cyclopaedia, however, is a foreign production, edited and published for a foreign market, and could not be expected to give as much prominence to American topics as we desire. To supply these and other deficiencies a large corps of American editors and writers have added important articles upon about 15,000 topics, covering the entire field of human knowledge, bringing the whole number of titles under alphabetical arrangement to about 40,000. Thus the work is thoroughly Americanized, and the Library of Universal Knowledge becomes at once the latest and most complete Cyclopaedia in the field, at a mere fraction of the cost of any similar work which has preceded it.

Price of the 15 volumes, complete, in extra cloth binding, \$15.00. In half Russia, sprinkled edges, \$20.00. In half Russia, gilt top, \$22.50. In full library sheep, marbled edges, \$25.00.

The superlative value and importance of this great Encyclopaedia lies especially in the fact that it is brought within the reach of every one who aspires after knowledge and culture. It is really a library of universal knowledge, education easily within the reach even of every apprentice boy of the city. Every farmer and every mechanic in the land owes it to himself and to his children that such a Cyclopaedia shall henceforward form a part of the outfit of his home. To the professional man, and every person of intelligence in every walk of life, a Cyclopaedia is a necessity.

Of course the old and wealthy publishers who have grown rich (it is said that the Appletons have made a profit of nearly two million dollars on their Cyclopaedia) from the sale of their high-priced publications are not pleased that their monopolies are broken and their power overthrown. Of course the book agents and booksellers who have been used to getting from 40 to 60 per cent commission for selling these high-priced books are not so well pleased to sell the Library of Universal Knowledge on 15 per cent commission, though those who are not short-sighted discover that their own interests, after all, are identical with the interests of the people, and their real profits, in the end, are increased, by the immense sales which result from meeting the people's wants. The majority of booksellers, however, are better pleased to stand than to sell this and our numerous other standard and incomparably low-priced publications. But the Literary Revolution has always looked to the people, in whose interests it is, for its patronage, and it has never looked in vain, as our more than one million volumes printed last year (this year being increased to probably more than two millions) abundantly prove. You can order the Cyclopaedia directly from us, and by uniting with your neighbors and friends you can secure club rates as follows:

\$10,000 Reward to be distributed equally among the first 500 club agents who send us clubs of not less than five subscribers, after June 10th and before September 1st.

\$5,000 Reward to be distributed among the first 100 club agents who, during the same time, send us the largest number of subscribers, not less than twenty in number, the amount to be distributed proportionately to the whole number of subscribers which each of the 100 club agents may send us.

The names of the subscribers must in every case be forwarded to us. The first \$5,000 named will be distributed as specified as rapidly as the orders are received, and the remaining \$5,000 will be distributed promptly on Sept. 1st. The names of the persons receiving these rewards will be printed, with the amounts received by each, and the list sent to all the club agents entering into competition for them. Subscribers must be actual purchasers for individual use, to entitle the club agent to the rewards under this offer, and not book-sellers or agents who buy to sell again.

Persons desiring to raise clubs may send to us at once for sample volumes, if they desire, in the various forms of binding, paying us 75 cents for the volume in cloth, \$1.00 for the volume in half Russia, sprinkled edges, and \$1.25 for the volume in library sheep. Orders for the full sets will be filled by us with the utmost promptness, within our ability to manufacture, beginning not later than July 10th, orders being filed in the office of their receipt by us.

Specimen copies of the "Library of Universal Knowledge" will be sent free upon request. Descriptive catalogues of our large list of standard publications, with terms to clubs, and illustrated pamphlet describing book-making and type-setting by steam, will be sent upon application. Remit by bank draft, money order, registered letter, or by express. Fractions of \$1.00 may be sent in postage stamps.

AMERICAN BOOK EXCHANGE,
JOHN B. ALDEN, MANAGER.

164 Broadway, New York.

"The Very Best SHOW on the Road,"—New York Sun.

HAMMONTON, TUESDAY, AUGUST 30, 1881.

ONE DAY ONLY.

THE ONLY SHOW COMING THIS SEASON!

—THE—
JOHN H. MURRAY New Show

CIRCUS, MENAGERIE, MUSEUM and AQUARIUM!

in all its unrivaled splendor, with a company of

100 Principal Performers.



23 GLITTERING AND GORGEOUS CAGES

Filled with the Choicest and Rarest Animals on the Earth, including the famous and awe inspiring

LEVIATHAN, The Wonkifimad,

What is it? What is it?
The only one ever seen by man.
COST \$10,000.

The Mastodon Boque Torgue, from the South Sea Islands. Imported at a cost of \$20,000. The Museum embraces a mammoth collection of New and Startling Curiosities from all parts of the world.



The Grand Free Street Procession

Will start at 10 A. M. and pass through the principal streets.
A Magnificent

Aquarium on Wheels, containing many rare and beautiful specimens of the Finny Tribe.

The gorgeous coach of the Thrice Lord Mayor of London, "Dick Whittington," a veritable antique relic of the Old World—cost \$5,000—may be seen in the Grand Street Pageant.

J. H. MURRAY'S Marvelous Stud of Trained Lilliputian

12 PONIES. 12 PONIES. 12 PONIES.
ONIES. ONIES. ONIES.

2 TWO GRAND FREE EXHIBITIONS! 2

On the grounds, at 11 A. M., and 1 P. M.



A Monster Train of 23 R. R. Cars required to transport this combination of Shows!

REMEMBER! THE PRICE OF ADMISSION

to the great shows is only 50 CENTS. Children, half price.

Keep Your Eye on Day and Date!

TUESDAY, AUGUST 30th.

Doors open at 1 and 7 P. M. Commences one hour later.

Egg Harbor City,
August 31st.

Atlantic City,
September 1st.

TURKISH, CIGAR
—AND OTHER—
BATHS
No 25 S. Tenth St.,
Philadelphia.
WM. A. BLVINS, Prop'r

WM. MOORE, Jr.
Solicitor-at-Law
AND
Solicitor in Chancery.
MAY'S LANDING, N. J.



PIONEER STUMP PULLER

Having secured the right to manufacture and sell this Favorite Machine in the counties of Camden, Burlington, Ocean, Atlantic and Cape May, I hereby give notice that I am prepared to fill orders at following rates:

NO. 1 MACHINE, \$85.00.
NO. 2 " 55.00.

These Machines are Warranted to be the BEST in the market.

For particulars send for circular.

G. W. PRESSEY,
Hammonton, N. J. —Inventor & Manuf'r.

London Nursery

JAPANESE PERSIMMON TREES 4 ft to 6 ft in 12 choicest kinds. Dried specimen fruits received last season from Japan would weigh from 16 oz. to 1 lb. with the flavor of a rich Smyrna fig.

Should these, like the shrubs and Superb evergreens introduced from Japan, prove hardy as authorities have already pronounced them to be, we may look forward in this instance to an acquisition of the highest commercial importance as a fruit and tree of great magnificence.

NEW PEAR.

Triomphe de Lyons, a late variety whose fruit is the largest known. Also large general stock of fruit, shade, rare evergreens, shrubs, hedge, budding, and greenhouse plants, all of which will be sold at about half price by

J. B. BUTTERTON,
Hammonton, N. J.

Subscribe for the S. J. REPUBLICAN.

FOR SALE!

Now is the time for me to sell. Will you buy I offer you a two-story house, with two well-ventilated stores, and dwelling above, in the business part of the town. A first class garden, set with fruit trees and grape vines.

I want to make a new residence by selling the old. Call, or address,
JOSEPH COAST,
Hammonton, N. J.

MILLVILLE MUTUAL Marine & Fire Ins. Co.

This Company have disposed entirely of all its STOCK PLAN BUSINESS, and having been RE-ORGANIZED, has decided to in the future do a

Strictly Mutual Home Business.

Having succeeded in paying ALL ITS LIABILITIES, and securing an

Actual Net Available Surplus of Over \$30,000,

the Directors feel that they can offer to all who desire insurance not only as LOW RATES and UNQUESTIONABLE SECURITY, but much greater probability of immunity from assessment for years to come, than other Companies, since this surplus is large enough to pay all probable losses on the policies now in force, until their expiration, without any dependence on receipts from new business—a condition of things that can be shown by but very few companies in the State. The present Directors pledge to the Policy Holder an

ECONOMICAL MANAGEMENT and a

Careful Supervision of the business.

and will continue in the future, as in the past, to act on the principle of

PROMPT PAYMENT

OF HONEST LOSSES.

without seeking to EVADE them on technical grounds.

Hereafter, no notes will be subject to discount, until they are a year old.

We would call especial attention to

Marine Department

our LOW RATES and FAVORABLE OF POLICIES.

Any information cheerfully furnished by officers of the Company or its Agents.

F. L. MULFORD,
R. J. HOWELL, Sec'y.