



Cholera.			
Wednesday, July 11	—	85 new cases,	30 deaths.
Thursday,	" 12—116 "	" 38 "	"
Friday,	" 13—50 "	" 35 "	"
Saturday,	" 14—123 "	" 51 "	"
Sunday,	" 15—76 "	" 37 "	"
Monday,	" 16—155 "	" 55 "	"
Tuesday,	" 17—103 "	" 51 "	"

#### Advice to Inventors.

Those persons who have made recent inventions and improvements in machinery and desire to secure their rights by letters patent, are informed that this is the most favorable time for them to make application. Business is very quiet in all departments of trade at this season of the year and most Patent Agents can give their personal attention to drawing specifications and superintending applications entrusted to their care, while at other seasons many are obliged to confer their business upon others who are less familiar with the modus operandi of the Patent Office. We would advise those who have important inventions on hand which they design to secure by letters patent, to improve the present time and place their business in the hands of some experienced agent without delay. The acknowledged "best patent agency" in the United States is at the Scientific American Office, 128 Fulton street, where more of such business is transacted than at any other agency in the country, and nearly as much as at all the other establishments combined. During the last six months ending with June, over 100 applications, for letters patent and caveats have been filed in the Patent Office, by Munn & Co., and notwithstanding this vast number of applications but very few have been rejected or returned for amendment of claims. Advice upon Patent Office business cheerfully given and models of new inventions examined, without charge. Address

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#### Woodbury's Horse Power and Separator.

These excellent machines are very highly esteemed wherever they are introduced. In the Boston Cultivator of last week, Messrs. T. and C. H. May of Woodstock, Ct., published a letter stating that this horse power in their opinion, is one of the best in use, that it is capable of doing more work with less power, than any other with which they are acquainted; requiring the power of only three horses to saw from 20 to 30 cords of hard wood, twice in two in one day, and with ease.

The letter states it to be their opinion that "Woodbury's Horse Power and Separator, for threshing and cleaning grain, cannot fail to give satisfaction to those possessing the power of three horses only, to thresh and clean from fifty to an hundred bushels of oats per hour." This is high testimony indeed. Our readers will remember that both of these machines have been illustrated and described in the Scientific American. They are now manufactured at Rochester, N. Y.

#### London Dress Makers.

There are about 15,000 milliners and dress makers in London. They commence work usually at from 14 to 16—that is to say, at an age when their future health and constitution are determined by the care they then receive. A very large portion of these girls are boarded and lodged by their employers, and they often come from the country healthy and strong. During the busy season—i. e. from April to August, and from October to Christmas—the regular hours of work "at all the principal houses" are, on the average, eighteen hours daily.

A great number of these girls become abandoned, being driven to prostitute virtue to be relieved from drudgery. How much guilt belong to the rich votaries of fashion, the judgment day will reveal in terrible distinctness.

#### Currants and their Products.

No small fruit is more sure of a market than currants, as the manufacturers of currant jelly will insure a continuance of demand. Currant jelly, well made, will always find a ready market in New York, and the other large cities, at from fifty cents to one dollar per quart, while currant wine, of good quality, sells readily at one dollar per gallon.

#### CURRANT JELLY.

Place the currants in a stone or glass jar, and suspend the jar in a vessel of boiling water until the currants are in a condition to yield their juice readily: then place them while hot, in a bag, and press out the juice; add pure, double refined loaf sugar, and then boil until it jellies; this point is ascertained by dropping a portion on a cold plate, and if it will hold fast with the plate upside down, it is done, and should be removed from the fire. Should any scum arise, it may be skimmed off. Put the jelly, while hot, into jars, and cover tightly. Our experiment resulted last year thus: Twenty seven quarts of currants gave twenty nine pints of juice, and with twenty nine pounds of double refined sugar, gave eighteen and a half quarts of very superior currant jelly. Those who suppose that currant jelly can be made with common brown sugar, or even with inferior loaf sugar, will find themselves without a market, as an inferior article cannot be sold.

#### CURRANT WINE.

To each quart of the juice of currants, expressed cold, add three pounds of fine loaf sugar, and as much water as will make one gallon; fill the cask with this mixture, and permit it to work; rack it, &c. in the same manner as cider; the addition of brandy or extra alcohol, in any form, alters and injures the flavor; and if the sugar used be thoroughly refined, the natural alcohol formed during its fermentation, will be found to be fully sufficient for its preservation.

The white Dutch currant makes of course a paler wine than the red, and of very superior flavor. The black currant requires one third less water, and produces a wine slightly resembling port. It also makes a syrup excellent for sore throat.

[The above is from our excellent exchange the New England Farmer. We believe that the products of the currant are not sufficiently prized by our people. In making red currant jelly, the flavor is greatly improved by employing one quart of red raspberries to every twelve quarts of currants. Black currant jelly is excellent for sore throats, and black currant wine is one of the best medicines for fevers and inflammations that ever was invented.

#### Death of Littlejohn.

The *Western Olive Branch*, published at Indianapolis, Indiana, states that Augustus Littlejohn, the celebrated Revivalist recently died in the Ohio Penitentiary, whither he had been sent under the assumed name of Hamilton, but just previous to his death acknowledged that he was none other than Littlejohn, the Revivalist.

This was a man whose end fulfills the scripture in that forcible sentence "the way of the transgressor is hard." Littlejohn was a native of this state, and has some very respectable relations now living in it. He was highly distinguished, for revival qualifications—during a period of animal excitement conversions, so hurtful to some churches. He married a fine lady in Chenango County, N. Y., but she left him—being of too pure a nature to live with such a sinner, minister though he was. He had a great deal of brass in his face, and he served the devil well in the livery of Heaven. He was a Presbyterian Clergyman, but of no education, beyond the limits of his mother tongue, and with good English authors he was totally unacquainted. First he was a canaller, then a preacher, then a convict—we should like to know how he died.—We have said this much about a man, who because he figured conspicuously at one period in the middle districts of this state, and many of our readers must have heard about him.—His life is one to point a moral, more than adorn a tale. From it, oh fellow man do not forget the contrast, exhibited by the life of the just, whose path "is like the sun when shining more and more unto the perfect day."

#### Notice to Inventors.

Inventors can facilitate the preparation of their applications to the Patent Office, by accompanying the models, which they send to us, with a description of the merits and novelties they consider peculiar to their inventions. Let it be plainly written and as familiarly expressed as if the inventor were in conversation with the agent who prepares the drawings and documents.

A little consideration must convince the applicant that an agent cannot be too fully informed of the parts, contrivances, combinations and results which may appertain to an invention, and that no one can afford this information so readily as the ingenious contriver of the machine.

Briefly in the way of instructions to an Inventor, we request him to write his own description of the invention, its mode of operating, and especially to remark the parts or the action of them which he claims as original.

#### The Panjab.

The territory recently annexed to the British dominions is very extensive. It extends between the 28th and 36th parallels of north latitude, and between the 71st and 77th meridians of east longitude. With mountain ranges on northeast portion which reach an elevation of two or three miles, and with broad plains, descending towards the south till they are scarcely above the level of the sea, all varieties are obtainable, as well as every description of natural produce. The five rivers, the Indus, the Jhelum, the Chenab, the Rance and the Sutlej, afford navigation of not less than 1960 miles. Iron, copper, lead, salt, coal, nitre, plumbago and even gold mines, abound. The territory includes Cashmere, with its harvest of saffron and its important manufacture of shawls. The population is computed at three millions and a half.

#### Shoe Business in Lynn.

The shoe business is the life of Lynn. Only women's, misses' and children's shoes are made here. Engaged in this business there are of manufacturers, or men who 'carry on the business, 78; of cutters or men who 'cut out' the shoes, 175; of men and boys so employed but living out of town, 900; of women and girls employed in binding shoes, 4,925; of the same so employed and living out of town, 1,600; making of employees an aggregate of 10,058. The number of men and boys employed in making shoes is more than seventy per cent. larger now than it was in 1842. The increase of the number of women and girls employed in binding shoes has, we presume, been correspondingly great. But it should be stated that the shoe business in 1842 was unusually depressed; that much less of it was done during the last than will probably be done during the present year. The number of pairs of shoes made during the last year was 3,190,000; the number purchased from other towns was 350,000; making in all 3,540,000 pairs. The cost of the material of these was \$1,435,545; that of making them \$957,030; making the cost of the 3,540,000 pairs of shoes to have been \$2,392,575. The cost of making shoes now is about one-sixth less than it was a dozen years ago.

#### Arthracite Coal in Massachusetts.

Prof. Ridgway of Philadelphia, the gentleman to whom was committed the survey of the coal district of Marshfield Mass., has reported to the Company. He estimates the amount of coal, on about 500 acres of their lands at 4,000,000 tons. It exists in five beds. One vein is eight feet in thickness. It estimates the difference of cost between the Marshfield and Pennsylvania coal at Boston, to be \$2.20 per ton. Its composition shows 94 per cent, of carbon, and Prof. Ridgway states that it burns with more flame, and ignites more rapidly, than any red ash coal he has ever seen. If his statements are correct the discovery will be most valuable to the State.

A French traveller thus contrasts London and Paris: In the former life is within doors, in the latter, life is in the street. London is monstrously immense, with prodigious establishments of shopkeepers and is excessively luxurious in its aspects, and very much inclined to gipsying.

#### Kossuth.

When Hungary was invaded by Jellachich in September last, and 50,000 armed men were collected in a fortnight, in the neighborhood Stuhlweissenburgh to repel the aggression, Kossuth issued a proclamation, from which we extract the following sentences:

"It is an eternal law of God that whosoever abandoneth himself, will be forsaken by the Lord." "It is an eternal law that whosoever assisteth himself, him will the Lord assist."—"It is a divine law that false swearing by its results chastiseth itself." "It is a law of our Lord's that whosoever availeth himself of perjury and injustice, prepareth himself the triumph of justice." "Standing firm on these eternal laws of the Universe, I swear that my prophecy will be fulfilled—that the freedom of Hungary will be effected by this invasion of Hungary by Jellachich."

This proclamation, which electrified the chivalrous people to whom it was addressed, concludes in a style not unworthy an Eastern prophet, not unsuited to the genius and origin of his race, by these words: "Between Vespriam and Weissenburg the women shall dig a deep grave in which we will bury the name, the honor, the nation of Hungary, or our enemies. And on this grave shall stand a monument inscribed with a record of our shame, 'So God punishes cowardice: or we will plant on it the trees of freedom entirely green, from out of whose foliage shall be heard the voice of God speaking, as from the fiery bush to Moses, 'The spot on which thou standest is holy ground: thus do I reward the brave. To the Maygars freedom, renown, well-being and happiness."

#### Guard against Premature Burial.

A learned Belgian, M. Mainple, has recently discovered a very simple means of distinguishing between real and apparent death.—It consists in creating a small burn; if there is life a blister is always formed, even in the absence of apparent sensibility. If death has already intervened, nothing of the kind occurs.

#### Size of an Angel.

Bishop Purcell of Cincinnati, ordered two statues representing kneeling Angels, "of the natural size," of Mr. Powers, which were to be accompaniments of the Altar of the Cathedral recently erected in that city. Powers wrote back to the Bishop that he had never seen an angel, and did not know what the natural size was. Upon this the Bishop referred him to Rev. XX. 17th, for his measurements. One of the figures has arrived, and is 6 feet on its knees.

#### Accuracy on a Railroad.

The accuracy with which time is kept on the Boston and Albany railroad is wonderful. It states that the books at Springfield station show that, for six months, ending the first of May last, the Albany train never varied more than a half minute in the time of its daily arrival at Springfield.

#### The Oldest Inhabitant Dead.

A writer in the *Savannah Republican* mentions the death on the 29th of March of Mrs. Lourania Thrower at her residence on the Ogechee, who was at least one hundred and thirty three years of age. At a census taken in 1825, her age was put down at 110 and some accounts made her 137 at the time of her death. She had seven children before the revolution; her youngest living child is between 70 and 80; she has great-grand-children 30 years old, and a number of great-great-grand-children living in Florida. Her sight failed her for a while, but returned 20 years ago, so that she could thread a fine needle, or read the finest print. Her faculties remained almost unimpaired till her death.—She had been a member of the Baptist Church for more than a hundred years.

A German paper says that suspension of life caused by prussic acid, is only apparent; life is immediately restored by pouring acetate of potash and common salt dissolved in water on the head and spine. In that country rabbits have been at once recovered from the effects of prussic acid by this means.

The poet Rogers said that Mr. Croker, the author of the article in the *Quarterly Review* on Macaulay's History, intended murder, but had committed suicide.