

A PILLAR OF FIRE FIFTY THOUSAND MILES HIGH.

Mr. C. A. Young, the astronomer and observer, the head of the astronomical department at Dartmouth, has communicated to the Boston "Journal of Chemistry" an interesting paper on an explosion on the sun, which occurred about noon on the 7th of September last:

There appeared an enormous protuberance of a hydrogen cloud on the eastern limb of the sun on the 6th, which remained until noon on the 11th, described as a "low quiet-looking cloud, not very dense or brilliant, nor in any way remarkable, except for its size." It was about 100,000 miles long by 50,000 miles high. The observer was called away at 12:30 and returning in about a half an hour found that there had been a grand disruption.

The whole thing had been blown to shreds by some inconceivable upheaval. The air seemed to be filled with debris, "a mass of detached fusiform filaments" rapidly ascending. When first noted, after returning to the observation, some of them had reached a height of nearly one hundred thousand miles, continuing to rise with a motion almost marked by the eye, until in two minutes the uppermost were more than two hundred thousand miles from the solar surface.

The filaments gradually faded as they rose, and at 1.15 only a few filmy wisps, with some brighter streamers lower down, remained to mark the place. Mr. Young noted near one end of the cloud a nebulous mass similar to our terrestrial cloud known as a thunder-head, which represented a wonderful change. It became active and developed into a mass of rolling flame, apparently crowded down at first towards the surface of the sun, then shot up pyramidally fifty thousand miles in height, when its top was drawn out into long filaments and threads which were curiously rolled backwards and downwards like the volutes of an Ionic capital.

This faded away like the other, and at 2:30 had disappeared. The whole phenomenon had the appearance of an explosion beneath the extraordinary prominence, spending its force mainly in an upward direction, somewhat outward in all directions, followed by an inrush as though a vacuum had been created.

PERSECUTING THE CHRISTIANS.

When, by any perversion of the fundamental principles of our national government, its machinery is used to persecute any person, or party, who is carrying out in life the religion of the Bible or the Koran, the Shaster or Nature, and, when such religion does not work injury or trespass on the rights or property of other parties, it is the duty of every lover of his country and her religious freedom, to speak out against such oppression, even though the victims be Christians and the Government infidel, and the defender of the accused infidel also. Viewing the case of the Government and the Mormons in this light, we protest against the malignant and vindictive course pursued by certain Government officials who are temporarily clothed with a little brief authority which they use in the cause of some few sects of Christians, to abuse and persecute a weaker, and perhaps more superstitious and ridiculous, sect than those more popular and hence more fortunate with the Government officers, but certainly not more fundamentally erroneous, and not more at variance with the Bible. The pretence of criminality in polygamy is a direct charge against the Bible and its greatest characters, as well as against the founders of the Christian religion, and although we believe it is unnatural and wrong, and that each and every woman should be fully and perfectly protected in all her personal rights, as if she was unmarried, yet, since no one can deny that polygamy is Bible doctrine—and our government tolerates Bible Christians—we cannot see how it can be made religiously criminal, or those who practice it be punished as criminals. We anticipate one of two results from the recent persecutions in Utah: either a reversal of the decisions and removal of the officers, or a political revolution that will put the party out of power that allows such persecutions of a weak and heretofore tolerated sect, living out its religion quietly in the great valley of the Rocky Mountains, which they have made to blossom and bear fruit in abundance. The whole of their religious system, which is eminently Christian and founded on the

Bible, is to us only superstition and folly, including polygamy, which is not more criminal than other parts of it; but while our infidel Government tolerates Perfectionists, Shakers, Catholics and Quakers, it seems to us absurd and wicked to persecute Mormons, even though they have some unpopular error which they have taken from the same old Bible that furnishes the creeds for some half thousand sects. We are opposed to polygamy, opposed to Mormonism, opposed to all Christian sects, and opposed to all persecutions of any of them, believing that truth is strong enough to grapple with error, if it be left free, and that it needs no law, with a petty tyrant as a judge, to decide what a Christian Government should do.

We have already a small foretaste of what our Government would do if the bigots could put their God and creed into our Constitution. They would begin, as they have already, by cutting off the weaker sects, by the power of the law, and soon we should have but one creed recognized by law, and all others outlawed, and parts of their belief and practice arising from it declared criminal, and once more the rack and prison would be filled with persecuted religiousists. Of course, when the sects continue to combine against the weaker, there would soon be but two, and then but one, and that one Roman Catholic, if numbers could decide; but, fortunately for all parties, the liberal elements are strong enough to hold the lines of this Government, and keep these sects from fighting; and we greatly mistake our country if it does not put a stop to this malignant persecution of the Mormons, under a pretence of prosecuting polygamy, which is a part of their religion, to which they have a right, so long as they have a right to draw their creed from the Bible. If the Bible teaches polygamy, hang and imprison the Bible, not the ignorant believers.—Banner of Light.

W. F. ANDERSON, M.D., H. J. RICHARDS M.D. Surgeons and Physicians,

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WERE SOLD DURING THE PAST YEAR.—Scientific American, June 10, 1871

The Singer Manufacturing Company,

WORLD'S FAIR,

Constituted by the homes of the people, Received the Great Award of the Highest Sales! and have left all Rivals far behind them! As the following article shows:

"SEWING MACHINE SALES FOR 1870.

The magnitude to which the manufacture of sewing machines has attained is shown by the "SWORN" returns (to which anyone can have access,) of the manufacturers for the year 1870 to the owners of the leading patents, on which they pay a royalty. According to these returns the number of machines sold by each manufacturer in 1870 is as follows:

The Singer Manufacturing Company.....	127,833.....	Difference.
Wheeler & Wilson Manufacturing Company.....	83,208.....	44,625
Howe Machine Company.....	75,156.....	52,677
Grover & Baker Sewing Machine Company.....	57,402.....	70,431
Weed Sewing Machine Company.....	35,002.....	92,831
Wilcox & Gibbs Sewing Machine Company.....	28,890.....	98,943
American Buttonhole & Overseaming Company.....	14,573.....	113,260
Florence Sewing Machine Company.....	17,660.....	110,173
Gold Medal Sewing Machine Company.....	8,912.....	118,921
Etna Sewing Machine Company.....	5,803.....	122,027
Empire Sewing Machine Company.....	3,550.....	124,277
Finkle & Lyon Manufacturing Company.....	2,420.....	125,413
Perham Sewing Machine Company.....	1,765.....	126,067
Wilson.....	530.....	127,333

And several other Companies who sold a few Machines.

It will be seen by this table that the popularity of the Singer Machines far exceeds that of all others, their sale being one-half greater than even that of the famous "Wheeler & Wilson" Machine. This is owing to the fact that the Singer Company have lately commenced making, besides their old and well-established manufacturing machine, what is known as their "New Family Machine," which is selling at the rate of nine to one better than the old style. Their total sales for 1869 were 86,781 machines against the 127,833 of 1870, showing an increase of one half in the latter year.—New York Sun.

The total Sales of "Singer" Machines are very nearly THREE QUARTERS OF A MILLION!!!

Two Thirds of which were Sold within the Last Three Years, and all are in SUCCESSFUL DAILY USE!

And still there are Agents, for even the poorest Machines, who persist, in the most "unblushing manner," in decrying ours, as if it were possible for the "Overwhelming and Rapidly Increasing Majorities of Singer Purchasers" to be mistaken.

We are not so vain as to suppose that these large sales are due to superior business capacity so much as to the superior merits of the Singer Machines, as well as the

OBSERVATION OF THOSE WHO BUY AND USE, And are personally interested in comparing the merits of the different Machines before making a selection.

THE 'NEW FAMILY SINGER' SEWING MACHINE, WITH ATTACHMENTS FOR ALL KINDS OF WORK,

We claim and can show is the cheapest, most beautiful, delicately arranged, nicely adjusted, easily operated, and smoothly running of all the Family Sewing Machines. It is remarkable not only for the range and variety of its sewing, but also for the variety and different kinds of texture which it will sew with equal facility and perfection, using silk twist, linen or cotton thread, fine or coarse, making the INTERLOCKED-ELASTIC-STITCH, alike on both sides of the fabric sewn.

The only STITCH that is Universally Approved, or is at all adapted to FIRST-CLASS WORK.

Thus, beaver cloth, or leather may be sewn with great strength and uniformity of stitch, and, in a moment, this willing and never-wearying instrument may be adjusted, even by a child, for fine work on gauze or gossamer tissue, or the tucking of tarlatan, or ruffling, or almost any other work which delicate fingers have been known to perform.

All Machines Sold Guaranteed to give Entire Satisfaction!

Terms to Suit All!

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WE MAKE NO CHARGE FOR CARTAGE WITHIN SALT LAKE CITY!

BEWARE of Spurious Needles, Poor Silk, Twist, Linen and Cotton Thread,

Bad Oil, etc., Which may render the Best Machine Useless. The Singer

Company manufacture their own Needles, Silk and Twist; furnish

Linen and Cotton Thread and Oil—all of Superior Quality—

but which can be relied on only when obtained through their

Principal or Branch Offices.

THE SINGER COMPANY have, for the past three years, been unable to supply the demand for their machines, though much has been done to increase their manufacturing facilities. Much more is being done at home and abroad in enlarging their present manufacturing, building new ones, availing of the best machinery, and the services of the most skillful artisans, in the hope of being able to accept propositions for agencies, where such are not already established, though they are now tolerably well represented throughout the civilized world.

Be Sure to get the Best. Before you Purchase be sure to see the "Singer" at the Central General Agency, Singer Sewing Machine Depot Z. C. M. L., EAST TEMPLE ST., second door South of Eagle Emporium, SALT LAKE CITY.

H. B. CLAWSON, Supt.