WE were shown to-day, by Bro. George Teasdale, of Zion's Co-operative Mercantile Institution, three specimens of wheat which have been imported by that Institution from California, for the purpose of supplying a superior quality of seed to our farmers. Their names are: White Excelsior, White Mediterranean, and White Club. Besides these, there are two other kinds imported which we did not see, the Sonora and propagating purposes, we can soon pro-Chili. Complaints have been made of late by millers and others about the quality of our wheat, and there has been difficulty about procuring good seed; being made acquainted with this, the Z. C. M. Institution sent to California ent perfection, and that articles belong- been declared, however, such was for specimens of the best wheat produced there, and these were forwarded The appearance of the wheat is certainly very fine, and the millers who have seen the samples admire them, especially the White Excelsior and White Mediterranean.

The disposition to import good animals, fruit, grain, machinery, &c., has increased surprisingly in the community since the railroad has furnished tion. Societies are being organized for such facilities for speedy transportation. The effect of this upon the Territory will be very excellent if proper care be taken. For awhile, at least, we shall have superior animals, better cereals and vegetables, and finer manufactures. But when these are all imported, and were appointed by the Stock Society in the Territory is supplied with them, how long will it be until there will again be a necessity for importing new blood to grade up our stock, and new kinds of seed to produce the quality of grain and vegetables which we need? Since this Territory was settled we have had as fine grain, vegetables and fruit produced here as can be found in any part of the United States; we have also had some very fine-blooded horses, horned stock and sheep. There has been no lack of these things. We have had enough, if we had taken proper care of them to have supplied the Territory and to have exported. But we have not taken care of them. Our system of stock-raising has been a most jure or produce a deterioration of his shiftless one. Men who have had good stock, and been desirous of keeping it pure have not been able to do so. If a man had a herd of good spirited man, when he understands mills, issue from our presses thousands animals he had either to let them run on the range with the risk of being mixed with poor and comparatively worthless stock, or to keep them up in pastures and feed them. Circumstances, heretofore, have prevented the majority from doing the latter; their stock has, therefore, been turned loose to mix with any other as it happened, and the result has been they have lost their value for beef, work or milk. Through this system our stock in almost every part of the Territory has degenerated, and there is a cry for new blood and of better quality to grade up with. While we had a stream of emigration coming into the Territory every season over amounting to between three and four the Chicago Tribune we learn that two check upon the majority—that the exthe Plains, bringing with it horses, hundred guns, have been ordered at citizens of that city have at last pro- isting feuds and divisions in the party, cattle, sheep, etc., we did not feel this Colt's armory, at Hartford, Conn. The duced a machine which fulfills every rewant. We could be careless, for the influx of stock every; year prevented us from experiencing the effect of our lows: It has a bore of forty-two hun- petroleum. The machine has been in carelessness, as we have felt it since the railroad has been completed and the travel across the Plains has been stopped.

To longer pursue the system of stockraising that has prevailed among us in the past, under our changed circumstances, would be simply ruinous. No buryness and Plumstead Marshes show, application of the patent to the burning community in the world could do it that at a range of from 200 to a 1000 yards, of lime. We will let him describe the and prosper. The time has come when | batteries of these weapons have a hit- | machine and its operations in his own there must be a thorough and radical | ting, wounding and killing power of | words: change in our system. We have been | 900 a minute among broken infantry, taught the necessity of it long enough on uneven ground; and in close columns like a small locomotive boiler set on end, without complying with the counsel; of 1,200 a minute. Within ordinary but now circumstances are forcing us to rifle range-up to 1400 yards, the small adopt it. We published yesterday an Gatlin gun was decided to be superior offer made at the meeting of the Par- | to field guns; but in longer ranges the ent Society for the Improvement of latter were superior. The following is Stock, &c., on Monday evening, of one | a summing up of the points of excelhundred dollars for any calf of two lence: a maimum of destructive power weeks old of three cows lately brought | with a minimum of weight and size, here by Bro. Rydalch; also the state- easy to manœuver, and can be fired ment of Bro. Jennings, who owns some | with accuracy of aim without recoil of this recently imported stock, that he | thousands of times. would no take one hundred dollars for his calves of two weeks old. His rea- special branch of the Royal Artillery, son for placing so high a value upon their batteries being distinct from those them was an excellent one. Such calves as he had at two weeks old were worth, he said, more than one hundred dollars each in the East, and if they were brought from there here, the at Jamestown, Virginia, in 1607, from fire was under perfect control, and by a with his revolver at various objects in the purchaser had to run the risk of their | that time until about 170 years afterwanted them, and he thought they were too valuable to sell at one hundred it will pay the owners to take care of; eigns in succession. The printing press and all this fine-blooded stock must be was set up in the colonies as early as kept up, fed properly and kept select, 1639, and other books were printed; but | ded, the greater is the heat and the less the or the money invested in it will be a the Bible could not be printed, for had expense. General Blunt, who has had a "Whoa, haw, there," started his oxen up loss. Let the finest stock in the world it been attempted the printers and pub- wide notoriety from his connection with the road.

be turned out and suffered to run at lishers would have been subject to a until a new supply will be needed. Let the best grain and vegetables that can be procured be permitted to mix with poor varieties, and soon the cry will be heard again that we must have imported seed. By pursuing a judicious system of selecting the best animals and | duce as good varieties as we need or as can be found in the world. It is by such excellence.

are taken hold of by many of our leading men at the present time, causes us to anticipate a great change in our management of stock, farms, &c. The Bishops and other leading men in every mense field of usefulness in this directhe special purpose of fostering these interests. They should be maintained and encouraged. Measures should also every neighborhood or county to say what animals of this kind should run at large, and to prohibit all others, it would be a great boon to the people. Where co-operative herds are organized, this matter can be easily reached. The same system should be pursued in relation to grain and vegetables. Private | type. individuals have rights; so has the community. It is a wrong to a neighborhood where sorghum is a staple crop, for one man to plant broom corn contiguous to the fields planted with sorghum. It is a wrong to a neighborhood for a farmer to sow seed plentifully intermingled with cockle; or to sow seed of an inferior quality that will inneighbors' crops; or to let his farm or lot run to weeds. There are many wrongs of this kind, which no rightmatters, will perpetrate. Let the people be taught on these points, and they will soon preceive that it is to their interest to avoid these wrongs, and that in union of action there is strength, in stock-raising, farming and every other industrial pursuit.

The use of these weapons will form a of the field guns.

THE first English colony was planted being killed or injured on the cars | wards, or about 160 years after the land- | made more or less intense. The experibesides paying for their transportation; ing of the May Flower, every Bible read ment was varied by admitting a greater or pistol shattered the glass at his lips. Withbut his calves were here where he or heard read in the English tongue on this side of the Atlantic was brought across the ocean. This period embraced dollars each. Valuable stock like this almost the entire reign of eight sover-

large, and it will only be a few years | prosecution from those in England and Scotland who published it by a patent from the Crown, cum privilegio, as did the universities of Oxford and Cambridge. In 1664 the Rev. John Eliot had printed at Cambridge, Massachusetts, the Bible in the language of the Natick Indians; but this not being in the best grain, fruit and vegetables for the English language it was not requisite that he should obtain a patent | sions, based on the results already obtainfor doing so. In 1768 Christopher Sauer, or Sower, at Germantown, Pennsylvapursuing this system that the famous | nia, published the first German edition strains of horses, horned stock and of the Bible. It was three years sheep have been brought to their pres- in press. After independence had ing to the vegetable world have reached | the scarcity of Bibles that Dr. Allison, pastor of the First Presbyterian Church The spirit with which these subjects in Philadelphia, and others, memorialized Congress on the subject, and that body, in 1777, appointed a committee to confer with printers, with the view of having published 30,000 copies at the expense of Congress to be reimbursed settlement have before them an im- by the sale of the books. [Journal September 11, 1777.] The difficulty of obtaining type and paper induced the committee to recommend to Congress to direct the Committee on Commerce to import, at the national expense, 20,be adopted in every county to prohibit | 000 English Bibles from Holland, Scotthe running loose of entire animals of land, or elsewhere, and Congress oran inferior quality. If a committee dered the importation. But afterward, Hamilton, Nevada. The track at Feswhen the unsettled state of the country | tiniog is only twenty-three and a half and its commerce prevented the execution of this order, Congress resumed the subject of printing, which was referred to a committee of three. And the first American edition of the Bible, in the English language, was printed in 1781-2, in small duodecimo form and brevier

We have seem close times for type and paper in this Territory; but we are consoled by the reflection that we will not fully answer all the demands of trade. always be so cramped. If, when the population of the young Republic numbered three millions, they could not raise type and paper enough to publish | if built upon this plan. If millions of an edition of 30,000 copies of the Bible, we may be consoled under the difficulties we have had to contend with in publishing here. Like them, we hope to overcome all obstacles of this kind, gauge, the completion of a network and with type-foundries and paperof copies of the various works, for religious, scientific, school and every other purpose, to supply our people and Ter-

ritory with all they need.

since the discovery of petroleum to use it for heating; it having been felt that THE American Gatlin gun, or mitrail- if it could be utilized, its immense heatleues, has recently been the subject of producing power would effect a great most of the thinking and reflecting men experiments in England, under the revolution in the mechanical arts. In auspices of the War Department; and | 1867 three different plans of burning it | the party has been, for some time past, the results have been so favorable that were tested by the Navy Department; too strong, numerically, in the Senate it has been decided to introduce it into but they failed, and the reason given in for its own good that the minority the British army, and sixty batteries, each case was-carbonization. From party has been too weak to operate as a merits of this weapon, as described by quirement that can be conceived of, as have existed if there had been a vigorous a British journal are, in brief, as fol- necessary to perfect combustion of the and healthy opposition-and that many dredths of an inch, and weighs only a operation in several of the eastern cities trifle over three hundred and fifty for more than a year, but has only repounds; the carriage weighs nearly five | cently been put up in Chicago. The rehundred pounds. The bullet weighs a porter of that paper saw the machine hundred grains less than an ounce, and working in connection with a limethe charge of powder is only one-sixth kiln in Chicago. It was attended with of an ounce. The experiments at Shoe- special interest, because it was the first

> "The apparatus consisted of a cylinder, with a smaller cylinder within it, the intervening space being filled with petroleum. The smaller cylinder is filled with 600 small copper tubes, and through these the superheated steam passes, producing vapor from the oil that fills the interstices between the tubes. This vaporized oil rises through a layer of prepared sponge, and just at the point of exit is mixed with superheated steam in any required proportion, thus producing hydrocarbon gas. This gas passes through iron tubes to the supposed to have passed away with that point where the fuel is needed and is thern burned, very much like common gas. In the case which was shown, the kiln was filled with stone, and, in a very short time after the fire was lighted, the heat was more intense than can be expressed by comparison, and formed a very vivid idea of the materialistic hell. All this time the rough, venomously drunk, was practicing simple turn of a screw the combustion was | bar-room. An ox teamster entered, called less proportion of steam into the pipes, so out a word the bull-whacker put his hand that in some cases the fire was fed with 50 | behind his back, produced his pistol, levper cent or more of water, and the remainder of vaporized oil.

mixture, or at least to the unscientific, is that the more steam-or water-that is ad- | glass and drank the contents, strode out as

the Indian raids, as well as from his services during the war, has had no little trouble in his endeavors to apply this machine to the burning of lime. He has been beset with all manner of obstacles, and has pushed through them all with a determination which could only have been inspired by a firm belief in the merits of the invention. The results of this particular application of the principle have been highly satisfactory so far. General Blunt stated that his conclued, were that, with the expenditure of \$25 per day for wood, he could burn 120 barrels of lime. The same sum expended for oil would, with the aid of this machine, turn out from 250 to 300 barrels per day, and one machine would be amply sufficient to supply fuel for three kilns. The saving in time was so great that he could produce the same effect with oil in three hours, starting with a cold kiln, that he could with wood in twelve hours."

Arrangements are being made in Chi cago to have the process tested in its application to motive power. In the East, where it has been tried, it is said to have saved as high as 50 or 75 per cent. of the cost of fuel.

An exchange says that the narrow gauge system of railroads, after the Festiniog line, in North Wales, is about to be inaugurated, in this country, by the construction of a line from Elko to inches wide, but upon it, it is said that trains a quarter of a mile long are hauled thirty miles an hour by engines only five tons in weight; and the cost of construction and running is only about one-third that of the present system. The cost of the construction of the line from Hamilton to Elko is estimated at less than a million dollars, while it is believed that it will

The construction of a main and branch line, through Utah Territory, we think, might be greatly expedited money could be saved, and the demands of traffic and travel be fully complied with as well on lines constructed on the narrow as the broad of railways through the whole Territory might be effected much sooner, because so much cheaper than on the present expensive plan.

THE Chicago Tribune, while utterly condemning the extravagant and futile objurgations of Frank P. Blair, Jr., VARIOUS attempts have been made against the reconstruction Acts of Congress, cannot look upon his election to the United States Senate from Missouri as an unmixed evil. It believes "that in the Republican party will agree that as represented in Congress, could not profligate and indefensible measures would have been defeated--or, rather, would never have been brought forward if-such an opposition party had been present to take advantage of the blunders and excesses of the majority."

The Chicago Evening Post takes a different view of this election. It says, "the election of Frank P. Blair to the United States Senate is a national disgrace; it is one of far too many instances of the kind." It closes its remarks on the subject in the following language: "We protest against making the Senate a rendezvous of political bummers. It is a place where, above all others, the character and dignity of the nation should be faithfully represented. The presence there of such men as the recently-elected Senator from Missouri is a shameful thing. It demonstrates the fact that the power of mere politicians in this land still exerts an influence which the best men of the world had terrible institution which so long darkened the minds and debauched the morals of the American people."

Cool!-The Reese River Reveille says that in a Wyoming tavern, a mountain for a drink and a ball from the rough's elled it at the ruffian's head, and remarked as the body dropped to the floor: "That One of the most curious results of this d -d scoundrel would have hurt somebody pretty soon." He then filled another deliberately as he had come in, and with a