

tion to the stockholders, that they have such a man at the head, as Robert Schuyler, Esq., who, as a man of judgement and practical experience as a railroad man, is second to none in our community. The conductors are in all respects gentlemen, as all who have had the pleasure of travelling with Messrs. Comstock, Quintard, Dennis, or Oakley can testify, and we believe all the appointments on the road are unexceptionable. The laying of a double track is progressing rapidly, and will probably be completed in the course of the year. Oyster shells are being put upon the road, to prevent the rising of the dust, so annoying to passengers, and in a short time the condition of the track, and the comfort of riding, will be superior to any other road."

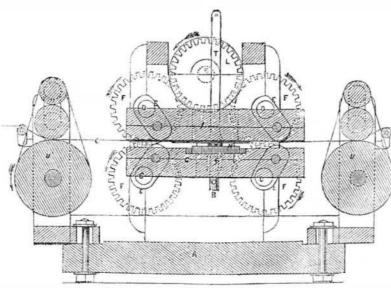
Cattle Freight on Railroad.

Railroads are not only a great benefit to distant farmers, but to the people of our cities. No man can estimate the benefits conferred upon mankind by railroads. Cattle are now transported from the Kentucky to this city in half the number of days that it once took weeks to travel. There is no loss of beef by travel, and there is a general saving in the price of each animal of about \$20. Is not this a great benefit simply considered in itself? The animals which used to come to this city, after a journey of 500 and 600 miles, looked like seare-crows in comparison with those which now arrive by railroad, after a journey to like parts.

The plattens and type beds are hung on cranks placed on parallel shafts and so arranged that the plattens and type beds are always parallel or nearly parallel to each other during the revolution of the shafts. Those shafts which carry the type beds re-

by a roller, the motion of which is controlled by the motion of the platten. A B is the framing; C C,' and D D,' are short shafts hung in bearings in the standards of the frame, each formed of two parts, one on each side of the frame, in line, so that both have the same axis; C and D are equi-distant, so are C' and volve contrary to those which carry the plat- D'; the two first are on the same horizontal

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motion of the platten, throwing it upwards and giving the barrel part of a revolution, by which the arm, Q, is thrown towards the press, and the inking roller, which rests upon the distributing one when not in use-is moved across the type, the spring, r, keeping it down upon the type ; p is an upright type bar, secured to the type bed on the opposite side, and to it is appended a spring, t, attached to the cord, u, which passes over and is secured to the barrel, P. This spring pulls on the cord turning the barrel, when the bar, p, is not acted upon sufficiently to throw back the inking roller to the distributing roller beyond which it is prevented from moving by its frame coming in contact with the standards, M M. U U' are cylinders hung in bearings in standards at each end of the frame. U carries a pulley, on its shaft which is fitted to it so as to turn freely, driving the cylinder by the stud. a, on its face, which comes in contact with a pin inserted transversely in the shaft. The have now better beef for less money, and the plane, so are the two last. Upon each part time; and when one pair are turned upwards pulley receives motion by the band, c, from in a vertical position, the other pair are turned pulley d (figure 1) on shaft C'; U is driven by of the said shaft, inside of the bearings, there is a crank, E. All the cranks are of equal downwards, and vice versa. G is the type a band, e, running from V. Tapes run over bed hung on the cranks on the shafts, C C', these cylinders for the purpose of carrying the length: those with the same axis are placed opposite, to form part of the crank. The and kept in a horizontal position during their paper to feed to the press. The mode of carcranks on C and C' are placed in correspondrevolution. H is the form of type placed in rying the paper forms no part of the inventhe bed in the usual way; I is the platten tion, we therefore do not describe it, excepting ing positions, and the platten bed is hung uphung upon the cranks on the shafts D D', and | to say that the paper will be carried parallel on them. The platten is hung upon the cranks, always remaining in a horizontal position; J with the face of the type bed and plat-DD'. The shafts C and D are geared together by the cog-wheels, F F, and C' and D' are is a stationary stud or gudgeon, secured on the ten and about midway between their censide of the framing; K is a driving pulley run- tres of motion. W (fig. 2) is the spring presgeared together by a similar pair of cog-wheels. It is now about the season when the Sea C and C' rotate in opposite directions to D ning loosely upon it. L is a cog wheel secu- ser, which consists of a stud fitting in a sockred to the driving pulley and gearing into et secured on one side of the type bed; the wheels, F F, on shafts, D D', driving both in lower part of this stud is made smaller than cranks on D and D', and C and C', always move towards or from one snother at the same the same direction. M M are standards secu- the upper part to form a shoulder; under this 1

farmers better prices and less expenditure.

Black Rock Suspension Bridge. A bill is now before the Legislature authorizing the building of a suspension bridge, over the Niagara River, at Black Rock. It is the intention to build the bridge from nine-five to one hundred feet above the water, so that there is no possibility of its interfering with the navigation of the river.

Serpent should make his appearance. Some and D'. The wheels are geared so that the news about his imperial majesty may be expected daily.