

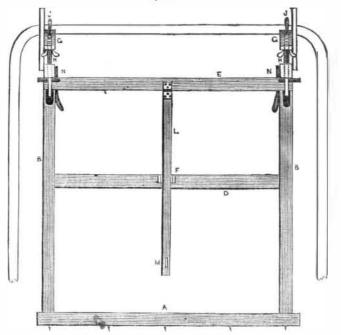
A meeting was held on the 15th inst. by the Utica and Schenectady Railroad Co., wherein it was resolved to increase the capital from \$3,500,000 to \$4,500,000.

Two engines ran together and were smashed at the Worcester junction, last Friday. This accident delayed the train from Boston to Springfield, and made the express train several hours behind its time.

## Telegraph to France from England.

The telegraph wire across the straits of Dover having been broken, we learn by the last news from Europe, that the telegraph owners are now understood to have completed such final arrangements as were pending with the authorities at Paris on the subject, and to be now prepared to promote the establishment of the communication in a permanent manner. A specimen of rope, or rather coil of iron wire, has been constructed, which it is affirmed will be of sufficient strength to resist every cause of accident to which it is liable, whether arising from rocks, anchorage, or otherwise. The cost of this would amount to about £50,000, of which one-half is proposed to be raised in Paris and the remainder in London. A few months, it is said, will suffice for its construc- tached by pins to the flat rods, H H, which | square shanks passing through slots in the tion, and it is therefore contemplated that it pass through slots near the ends of the longi- | rules, G G, and having their lower ends screwshould be laid down early in the spring of tudinal bars, CC. The rods, H H, are each ed and fitted with thumb-nuts; these bolts are 1851. The concession obtained by the compaprovided with a series of holes, through any | for securing the upper part of the bows to the ny gives them the exclusive privilege of comone of which a pin may be inserted under the rules, G G, and are capable of being moved a munication between the two coasts for a period bars, C C, for the purpose of adjusting the ends of ten years. of the rules, G G, at any required height; I I are the distance required between the bows; the adjusting screws, fitted into nuts in the bars,

Figure 2.



square, will always fall on each side without breaking the leather or other material of the covering. This apparatus commends itself to all carriage makers; it has been appreciated as a most excellent invention by every carriage maker who has seen it, and we are sure that this illustrated description of it will convey a perfectly correct idea of its operation to those skilled in the art, and its merits will at once be acknowledged. Carriage-making is a universal trade in our country-no other nation

the bows of fixed or folding covers; for fold-

ing tops, jointed finger plates are used, and

the bows being set perfectly parallel and

can exhibit within 90 per cent. such a general diffusion of those things considered by the old world luxuries-we mean neat and genteel carriage equipage. Every invention, therefore, which can cheapen and facilitate the construction of carriages is a grand republican benefit.

Information about the sale of rights,

According to Bouguer's experiments, light | C C, and they are secured to the rules, G G, | ber of hold-fast bolts, but as four bows are is weakened after a passage on the ocean of for the purpose of giving any required arch. to generally the amount employed, no more are Ē 192 feet, in the proportion of 1 to 1,487.8. the said rules; J J are hold-fast bolts, having represented. There are four graduated short ling.

may be obtained by letter addressed to the inventor and patentee, and directed to the place mentioned above.

Fire and Water Proof Cement. Pour a pint of vinegar into a pint of milk; when the latter has fully coagulated, clear it of the lumps, and let it settle, then mix the whole well together; now sift into the liquid quick lime, till upon stirring the whole we obtain a thick paste. This coment will permanently unite marble, earthenware, china, &c.

The annual value of the whole produce of Great Britain is equal to £514,000,000 ster-

© 1850 SCIENTIFIC AMERICAN, INC

convenient distance in the slots according to

rules may be provided with any required num-