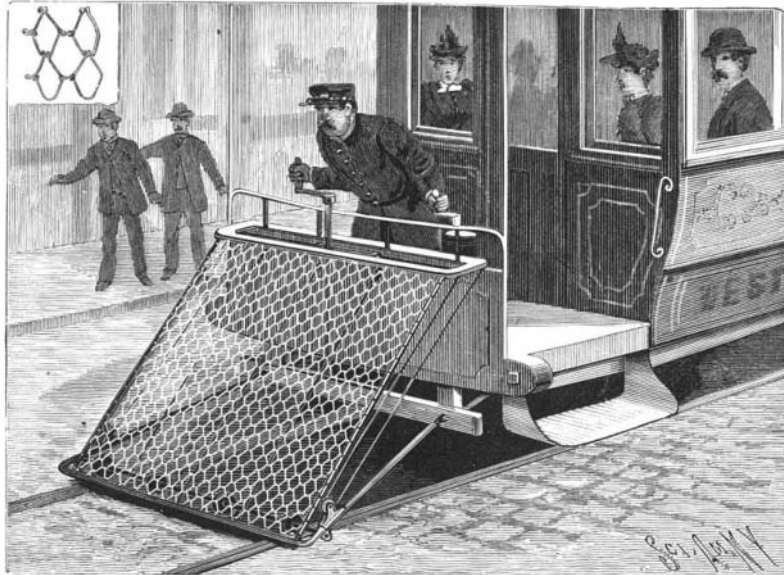


A LIFE GUARD FOR STREET RAILWAY CARS.

This fender, though strongly made and readily attached to a car, presents only flexible yielding material, not liable to inflict injury upon a person struck thereby. It has been patented by Mr. J. J. Beals, of No. 110 Tremont Street, Boston, Mass. It comprises a network of diamond-shaped loops of steel wire, as shown in the small view, the upper end of the network connected with a frame to be fastened to the upper part of the dashboard, while its lower end is connected with a crossbar or stretcher, preferably of hollow metal, rubber covered. Connected with this crossbar is a second one on which are wooden rollers adapted to run easily over an uneven surface, and the lower portion of the fender is held at some distance in advance of the dashboard by side arms pivotally connected with a transverse beam bracketed below the end of the car platform. The net is also additionally supported by an additional guy rope, preferably of steel, the adjustment of the rope causing the lower portion of the fender to travel along close to the road surface without normally coming into actual contact with it, there being also other flexible and elastic supports stretched from top to bottom at the rear of the net. The net is designed to form a yielding pocket or bag which will prevent the throwing out of a body struck thereby. By means of a lifting rope at each side the lower framework may be quickly raised to hold a body caught, or held raised as it is automatically lifted by the collapse of the net in striking a body. The frame and braces may be folded up close to the dashboard when the apparatus is not in use.



BEALS' LIFE GUARD FOR CARS.

BULL TEASING IN THE ARENA OF ARLES.

These contests take place generally on Sunday or holidays, in the wonderful setting of this ancient amphitheater, where formerly the Roman emperors had their bloody games. These provincial contests form a graceful recreation, in which skillful fencers generally seek to distinguish themselves under the eyes of their sweethearts, and it is a great contrast to the Spanish bull fight, where the spectacle of the disemboweled horses and dying bulls forms a scene of repugnant slaughter. In these games at Arles a cockade is placed between the horns of the bull, which the

actors seek to remove without being hurt by the animal. It is true it is a perilous game, but those who are skilled engage in it without hurt. We prefer this elegant spectacle to the effusions of blood so popular in Spain, which can only awaken in spectators the instincts of ferocity and savagery. We are indebted to *Le Monde Illustré* for the following and also for our engraving:

Arles, a city of 23,000 inhabitants, is situated on the

and from the city as well, so that at times the amphitheater is entirely filled.

The amphitheater is the largest extant in France, although it is not in as good preservation as that of Nimes. The Arles amphitheater is 1,500 feet in circumference; the longer axis is 450 feet, the shorter, 348 feet; the arena itself is 225 feet long and 129 feet wide. This arena, which dates from the first or second century, has forty-three tiers of seats and can accommodate about 26,000 spectators. The two stories of sixty arches present a most imposing aspect. It was turned by Abd-el-Rahman into a fortress, and flanked by four massive towers, two of which still exist and one of them is shown in our illustration. The interior was formerly occupied by a number of poor families, but they were expelled in 1825-30, so that the entire space is available for any kind of amusement permitted by the government.

Nothing is Wasted in Paris.

Even the smallest scrap of paper, that which every one throws away, here becomes a source of profit. Old provision tins, for instance, are full of money; the lead soldering is removed and melted down into cakes, while the tin goes to make children's toys. Old boots, however bad, always contain in the arch of the foot at least one sound piece that will serve again, and generally there are two or three others in the sole, the heel, and at the back. Scraps of paper go to the cardboard factory, orange peel to the marmalade maker, and so on. The ideas suggested are not always agreeable, and to see a rag-picker fishing orange peel out of the basket is enough to make one forswear marmalade; but there is worse than that. The most valuable refuse—that which fetches two francs the kilo—is hair; the long goes to the hair dresser, while the short is used, among other things, for clarifying oils.

The photographers of the Paris Observatory have just finished for the Academy of Sciences the clearest view ever secured of the moon. They have photographed her surface in sections, which fit, making a great image five feet in diameter. The work is so perfect that towns, forests, and rivers would be perceptible if they existed.



BULL TEASING IN THE ARENA OF ARLES.