into a sleeping apartment at night by making up the berth between the two seats. All the berths are on the same level, the Co. having abandoned the idea of placing one berth over the other. A smoking saloon & buffet are attached. A charge of \$1.25 is made for the use of this saloon in addition to the railway saloon.

Ever since telephone communication has been established between London & Paris, it has been constantly rumored that attempts were being made by the English & Belgian governments to inaugurate a similar service between London & Brussels. It is announced that in Feb. Brussels will be connected with the English capital by the telephone. There have been several obstacles in the way which have prevented realization of this scheme. Great difficulty was encountered in obtaining the sanction of the two governments, but after prolonged negotiations the necessary permission was obtained. The electricians of the English Post Office had two alternative schemes. One was to lay a cable from the English to the Belgian coast; & the other was to utilize the Anglo-French wire as far as Calais, & then to extend to Brussels over wires on land. According to present arrangements it appears that the latter plan is to be adopted, since it has been found impossible with existing instruments to transmit vocal communication through a submarine cable over a greater distance than twenty miles. This is the length of the cable in connection with the London to Paris telephone, & also the cable connecting England with Ireland.

The first electric railway in which the triphase alternating current system has been used in Germany has been recently installed between Oberammergau & Murnau, its length being about 15 miles. The road, starting from the latter station, is comparatively level for the first few miles, but further on a 3% grade is reached, extending over four or five miles. The highest point of the line is between Saulgrub & Altenau, which is 2,500 ft. above sea level & 438 above the starting point. The line ends at Oberammergau; the terminal station is not far from the theater in which the Passion Play is represented. Hydraulic power is used to operate the road, a fall in the Ammer river being utilized. The station is

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located at Kammerl, about 10 miles from Murnau; the fall gives 1,000 to 1,500 h.-p. A dam has been constructed across the river, & the water is brought to the station by a canal 1,500 ft. long, terminating in sheet iron tubes of large diameter. Three turbines or 500 h.-p. each are used to operate the alternating current generators. For the road the trolley system is used, with overhead line. The road

has been planned so that steam engines may be used; this will be necessary to provide for the great traffic at the time of the Passion Play, which occurs every 10 years. During these periods the road will be operated by steam, & connection will be made with the main railways, so that the international express trains may be run. At ordinary times the road will use electricity.

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Perpendicular, square ends, size 12 x 3 inches, white ground, blue letters, lined & tipped, lettered perpendicularly, **Push. Pull.**

Oblong, square ends, size 12 x 3 inches, white ground, blue letters, lined and tipped, lettered horizontally, **Push**, **Pull**.

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