

cavation, and the earth taken from the trench as it proceeds is deposited within buckets suspended from the cable, which run back to fill up the completed part.

Rapidly running streams have been successfully ferried by the use of wire rope, utilizing the current for the propelling of the vessel by angling it against the stream to cross one way, and by reversing the angle, to return.

The working of the signaling systems of the railways is principally done by means of galvanized wire rope. The standing rigging of our ships is better when fitted with it. It supports the wire by which our electric cars are driven; it braces the poles that retain the wire in proper position; on it our wives and daughters hang out their clothes to dry, and in a hundred ways wire ropes are brought into daily use in one form or other.

When the first ocean cable was laid across the English Channel in the year 1850, it was considered a wonderful undertaking, but in a very few years the ever restless spirits of the nineteenth century