



## Journal of the Society of Telegraph Engineers, Vol. 4: Including Original Communications on Telegraphy and Electrical Science; 1875 (Classic Reprint) (Hardback)

By Frank Bolton

Forgotten Books, 2017. Hardback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from Journal of the Society of Telegraph Engineers, Vol. 4: Including Original Communications on Telegraphy and Electrical Science; 1875 In the very early stage of electro-magnetic experiments it had been suggested that an instantaneous telegraph might be constructed by means of conjunctive wires and magnetic needles. The details of this contrivance are so obvious, and the principles upon which it is founded are so well understood, that there was only one question which could render the result doubtful. This was, whether by lengthening the conjunctive wires there would be any diminution in the electrical effect upon the needle. Had it been found true that the galvanic fluid could be transmitted in a moment through a Great extent of conducting wire without diminishing its magnetic effect, then no question could have been entertained as to the practicability and importance of the suggestion adverted to above with regard to the telegraph. Mr. Barlow, of, the Royal Military Academy (at Woolwich), who has made a number Of successful experiments and investigations in electro magnetism, fully ascertained that there was so sensible a diminution...



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