



The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of and has been made under his per-Che Allichers, Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children-Experience against Experiment.

**Vhat is CASTORIA** 

Castoria is a harmless substitute for Castor Oil, Pare-corie. Drops and Soothing Syrups. It is pleasant. It joint is neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and alays Feverishness. For more than thirty years is find been in constant use for the relief of Constipation, Flitchency, Wind Colic, all Teething Troubles and Diarcheet. It regulates the Stomach and Lowels, assir llates the Food, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.



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## The Rise of Telegraphy

## Telegraphy is one of the first riumphs of electricity, and coninues to be important despite a severe rivalry from telephony. One of the first attempts at the transmission of messages over long disances was the semaphore of Chappe, a young Frenchmen. Chappe signal-stations twenty miles apart, ran across France,

five hundred miles and more. In fog or storm they were useless The first electric telegraph available in sumshine or tempest, by day or night, was assembled by Le

Sage in Geneva, as long ago as 1774. He suspended twenty-four insulated wires, giving one to each a letter of his alphabet. Soon his

twenty-four wires were reduced in General sorrow will be feit twenty-four wires were reduced in number to two. Then a single wire became sufficient, when Stein-heil discovered that the earth it-self served quite as well as a re-turn wire in completing a circuit. Veen by wear battery currents Year by year battery currents were gradually intensified, and insulation improved. Meanwhile the instruments for transmission Rev. Canon Smith, Bishop's Comiswere bettered in design and re- sary, will act in his place as Adminduced in weight. istrator.

In the United States the chief work was wrought by Samuel F. B. Morse, whose telegraphic code has given him world-wide fame. Istrator. Bishop Jones has filled the high office from which he retires since 1878, a period of nearly forty years. Just two years ago he celehas given him world-wide fame. years. Just two years ago he cele-In Britain dial telegraphs have been preferred to apparatus of the Morse pattern. To Wheatstone, the English inventor, we owe the expression of telegram as a row in the telegram as a row in former years, but regret

expression of telegram as a rew of this is former years, but regret of perforations on a paper strip which strip, sped betwixt two tiny metallic springs, which touch each other at every perforation, brings that he is leaving them is lost in the ery from the serious illness that has lain upon him during the winter. After so long service the belowed would throw up all my food, and the pace of transmission to 3,000 After so long service the beloved would throw up all my food, and

the pace of transmission to 3,000 words a minute. Mr. Edison in early life was a telegraph operator. His method of sending four de-spatches at once over a wire is one of his many gifts to his brethren of the key







