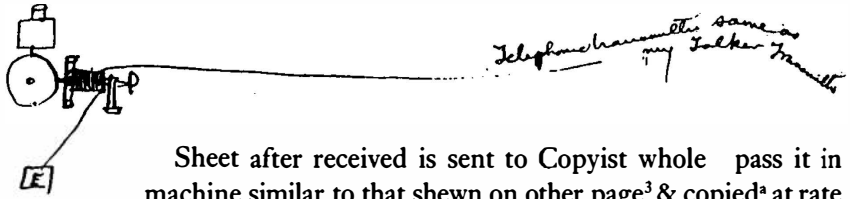
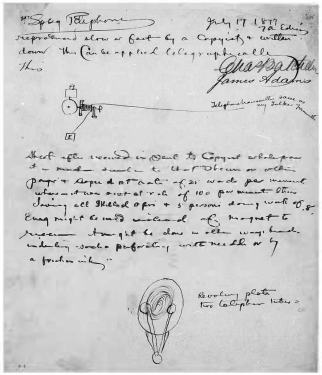
[Menlo Park,] July 17 1877

Technical Note: Telephony

Spkg Telephone
reproduced slow or fast by a copyist & written down[1] This can be applied telegraphically thus[2]





Sheet after received is sent to Copyist whole pass it in machine similar to that shewn on other page[3] & copied[a] at rate of 25 words per minute whereas it was sent at rate of 100 per minute thus Saving all skilled[a] oprs & 5 persons doing work of .8. Emg might be used instead of magnet to receive it might be done in other ways besides indenting—such as perforating with needle or by a friction ink=

Revolving plate two telephone tubes=
T A Edison

Chas Batchelor
James Adams

X (fragment?), NjWOE, Lab., Vol. 12:16 (*TAEM* 4:8). [a]Obscured overwritten letters.

1. Here Edison proposes a solution to the problem of recording telephone messages, which many in the telegraph industry thought essential for practical use of the telephone. Believing that the telephone would continue to be used by the public in much the same manner as the telegraph, with operators sending and recording messages that would then have to be delivered to the customer, they argued that

> inasmuch as the public must delegate to corporate bodies the carrying of their telegrams, and neither telegraph company or the public will receive one from the other *verbal* messages; they must be *written,* and this necessity neutralizes any advantages that might otherwise accrue to the telegraph company by reason of the increased capacity given a wire by the application of the telephone. [Johnson 1877, 10]

2. Figure label is "Telephone transmitter same as my Talker Transmitter."

3. This referent is unidentified.