

September 11<sup>th</sup>, 1931.

## Suggestions on Draft of Patent Application for Cipher Machine.

Figure 2 - Springs should be shown dotted, and contacts in bridges dotted.

Figure 3 - The tooth engaged with the pawl should be labeled 23, see 23 of Figure 1.

Page 1 -

(a) The object of this invention is to provide a cryptographic machine for enciphering and deciphering messages automatically, rapidly, and by a method such that the code is not recurrent thus rendering the code unsolvable.

(b) Change evanescent to visual.

Page 2 -

(a) Change indirectly to directly in sentence "as a means for indirectly controlling a ...."

Page 4 -

(a) The cipher wheel is fixed upon the shaft 7, which serves as an axis on which; change to "about which."

Page 7 -

(a) Change "The ratchet wheel and pawl ..... control the movement" to "determine the stop position of the cipher wheel in its rotation..."

Page 8 -

(a) Suggest - In the normally wired..... their ten associated paired contacts are conductivity determining members of a series circuit...

Page 10 -

(a) Make all references to magnet 25 instead of solenoid. Solenoid is not applicable under the circumstances.

(b) Prefer references to motor tensioned coiled spring, rather than motor operated or motor driven. A sentence should be added, - The motor circuit is closed or opened dependent upon the spring tension. That is, after the spring has sufficient tension, the motor is stopped and started again upon the spring tension decreasing to a certain minimum.

Page 17 -

(a) Change to "...which solenoids would act, thru proper plungers or armatures directly upon the keyboard...."

Suggestions on Draft of Patent Application for Cipher Machine.

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Page 13 -

(a) Change to ".....and the cipher wheel transmitter 22, or by providing the cipher wheel in two sections, an upper and a lower, that the upper could be positioned at various combinations with the lower."

Claims #2, 3, 4, 5, etc. -

(a) Suggest movable or operable rather than vibrating when used in describing the five contact levers.

Claim #9 -

(a) Believe "electrical circuit" is intended rather than "a series of five portions of an electric current." Suggest "setting up a series of five progressive stops in the continuity of an electrical circuit.."

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