

by the spring which is supposed to hold it in a neutral position when disconnected from the train. Figure 197 shows such a spring properly and improperly adjusted.



Figure 197—A, correctly shaped spring. B, incorrectly shaped spring which may cause the split hand to jump when released.

The spring must be so shaped that the point of tangency on the arbor will be on a radial line at right angles to the direction of the pressure. Failure to adjust this spring properly will cause it to store tension which will be

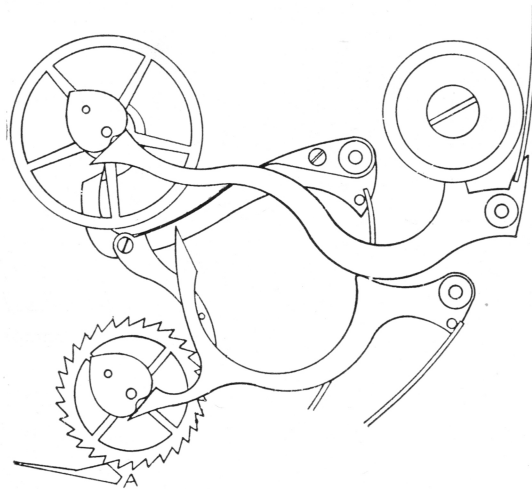


Figure 198—The minute register click A is improperly adjusted, causing the hand to make a sudden jump when the cam is released.

released the moment the hands are started. This accounts for a slight forward or backward motion of the hand.

A similar jumping of the minute register hand may be caused by an improperly fitted star wheel click. Referring to Figure 198 it may be seen that the moment the minute register hammer releases the cam, the click will