



Herbert Scott 1902 patent clock, Ever Ready Specialities Company

This early electromagnetic mantel timepiece was manufactured by the Ever Ready Specialities Company to a design by Herbert Scott patented in 1902. The clock was produced in at least three versions from about 1904 to 1912. This is the earlier model (EP4), described and illustrated in Alan Shenton - *Collectable Clocks*, figs 403a/b. We have sold a **later version** recently.

Unusually the motion of the pendulum travels back and forth (as opposed to sideways which is more normal).

This type of early electric clock is very rare. Production stopped in 1912 after only about 500 clocks being made. This example is in exceptionally good condition. The 5-inch white enamel dial is perfect, all major movement parts are original - we have replaced the worn silver electrical switch components for new. The antique glass dome is fully intact.

The movement has a variation of the Hipp toggle escapement. (The details are defined in Herbert Scott's patent, shown among our photos.) The naturally reducing swing of the pendulum is utilised to close the electrical circuit. As detailed in the Hope Jones Electric Clocks book, a click rides free of

the electrical contact, but when the arc of the pendulum reduces, it engages in a notch cut in the top of each tooth. It consequently rides at a higher level than normal. It then makes contact with a component above closing the circuit, energising the coils and impulsing the pendulum.

You can see the physical acceleration of the pendulum as the impulse occurs.

The motionwork is driven by 2 x standard batteries, with the holder concealed within one of the satin polished brass pillars.

Overhauled and guaranteed for 3 years.

Herbert Scott was from Bradford, Yorkshire, England, but registered his patent in the US, number 770322.

Height (including the dome) : 15 ½" (40cms)

Width: 13 1/2 inches (34cms)

Depth : 8 inches (20cms)