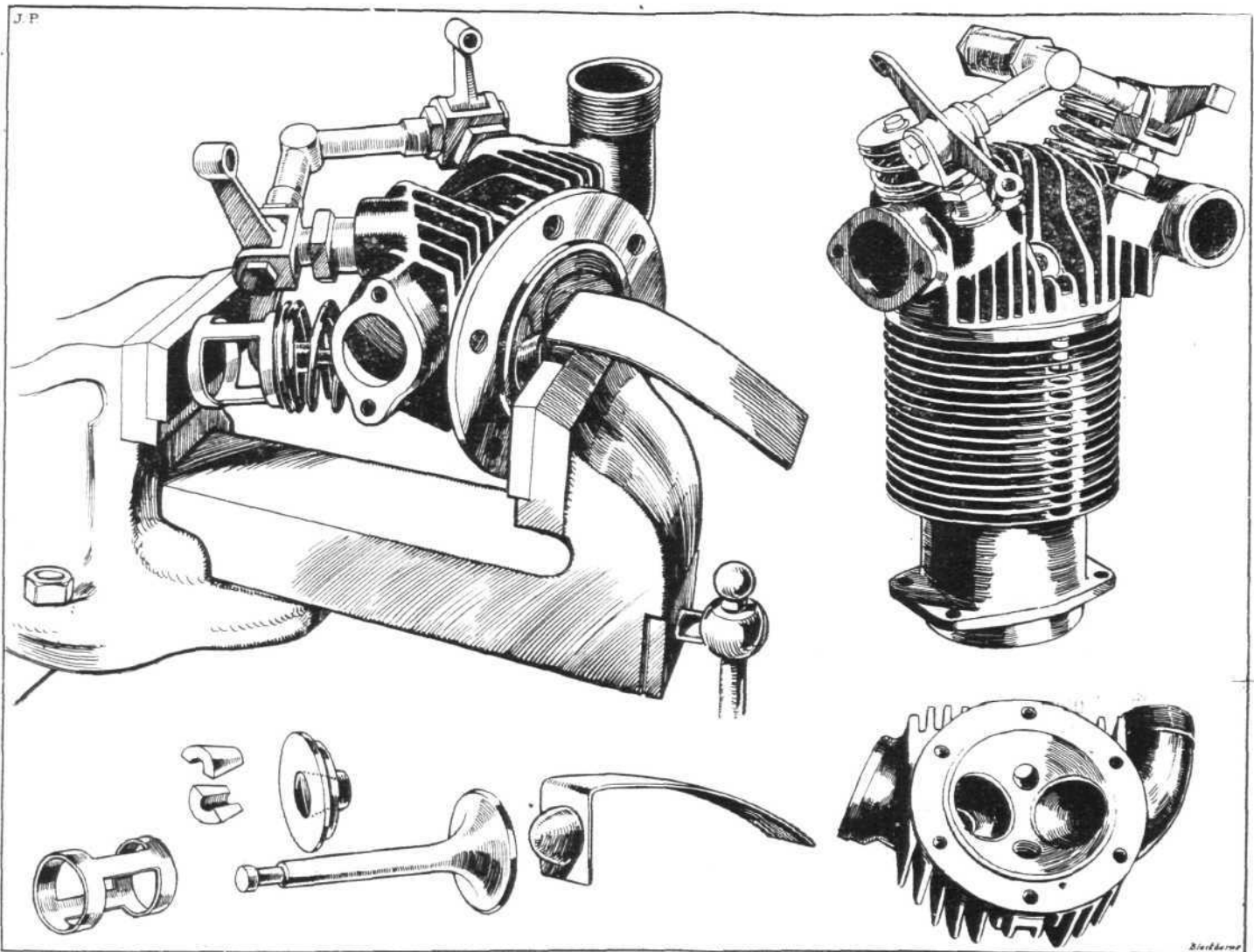


The Blackburne "Thrush": The crankshaft and connecting-rod assembly, and (inset) a piston and gudgeon-pin.



SOME DETAILS OF THE BLACKBURNE "THRUSH" LIGHT PLANE ENGINE: On the right, a cylinder, showing the overhead valve gear. Below, a view of the valve seats inside the detachable cylinder head. On the left is shown a cylinder head placed in the vice for removal of the valves. The valve itself, the means employed for securing it, and the special tools used for removing the valve from the cylinder are shown below.