The Heusinger-Waldegg timing gear for steam engines

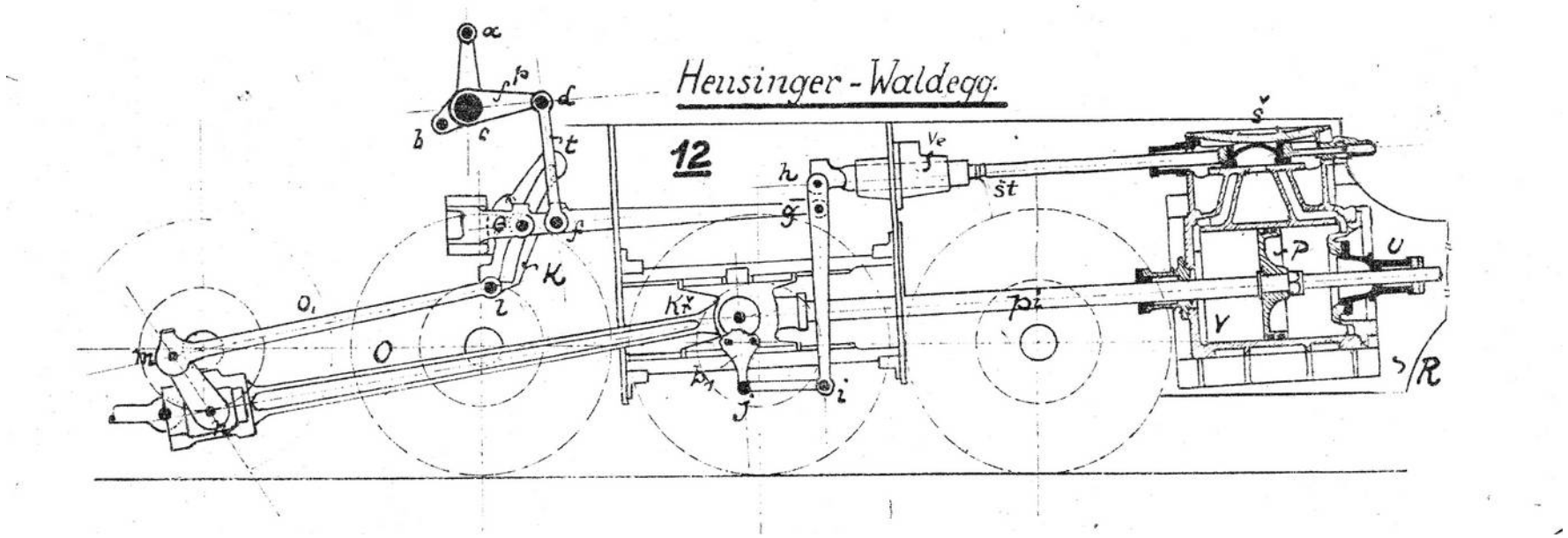

Fig. 1 – a scheme of the Heusinger valve train

For many steam engines, such as the locomotive of the ship's machines, it is requested that the engine timing gear be constructed in such a way that the crankshaft can rotate as needed in both senses of the timing gear designed for this purpose are called a reversible or reverse engine timing gear. The backdrop is hinged on a fixed pin o acts on it **x** centre bar of the eccentric here replaces the eccentric against the handle **mn** The pool slide is connected to the **fg** bar, which is lowered or raised by a similar device as in the case of conventional distributions the background fluctuations are transferred to the joint **g** lever **hi** The tip of this lever **i** is connected by a conductor to the lever attached to The movement of the eccentric is combined at point h with the movement derived from the crusaders by the resulting movement is controlled by the shuffler **š**, the bar **št** of which is guided by the guide Ve is articulated with the pin **h**.