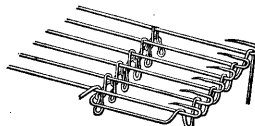


Stocking-frame. The English term for a stocking-knitting machine. The term *frame* is there common, as *spinning-frame*, *warping-frame*, etc.

The stocking-frame was invented by William Lee, of Cambridge, England, 1589. In this machine the thread is first pushed down between each alternate needle of a set by a series of levers with plates, termed *jack-sinkers*, which are depressed successively by a sort of carriage on rollers, the *stur*, operated by the *stur-bar*. Another series of levers with plates, called *lead-sinkers*, is then depressed by a *sinker-bar*, forming a loop between each pair of needles. The loops are then pushed back out of the way of the sinkers and another set formed in the same way, which are then pushed into the open elastic hooks at the ends of the needles; the points of these hooks are then depressed by a *presser-bar*, holding the loops between them, and while thus closed the loops first made are drawn over them. A third set of loops is then formed and the second set drawn through them, and so on, the whole fabric being knit by forming successive series of loops and interlocking them with other loops in this way. See KNITTING-MACHINE.

Fig. 5837.



Stocking-Frame.