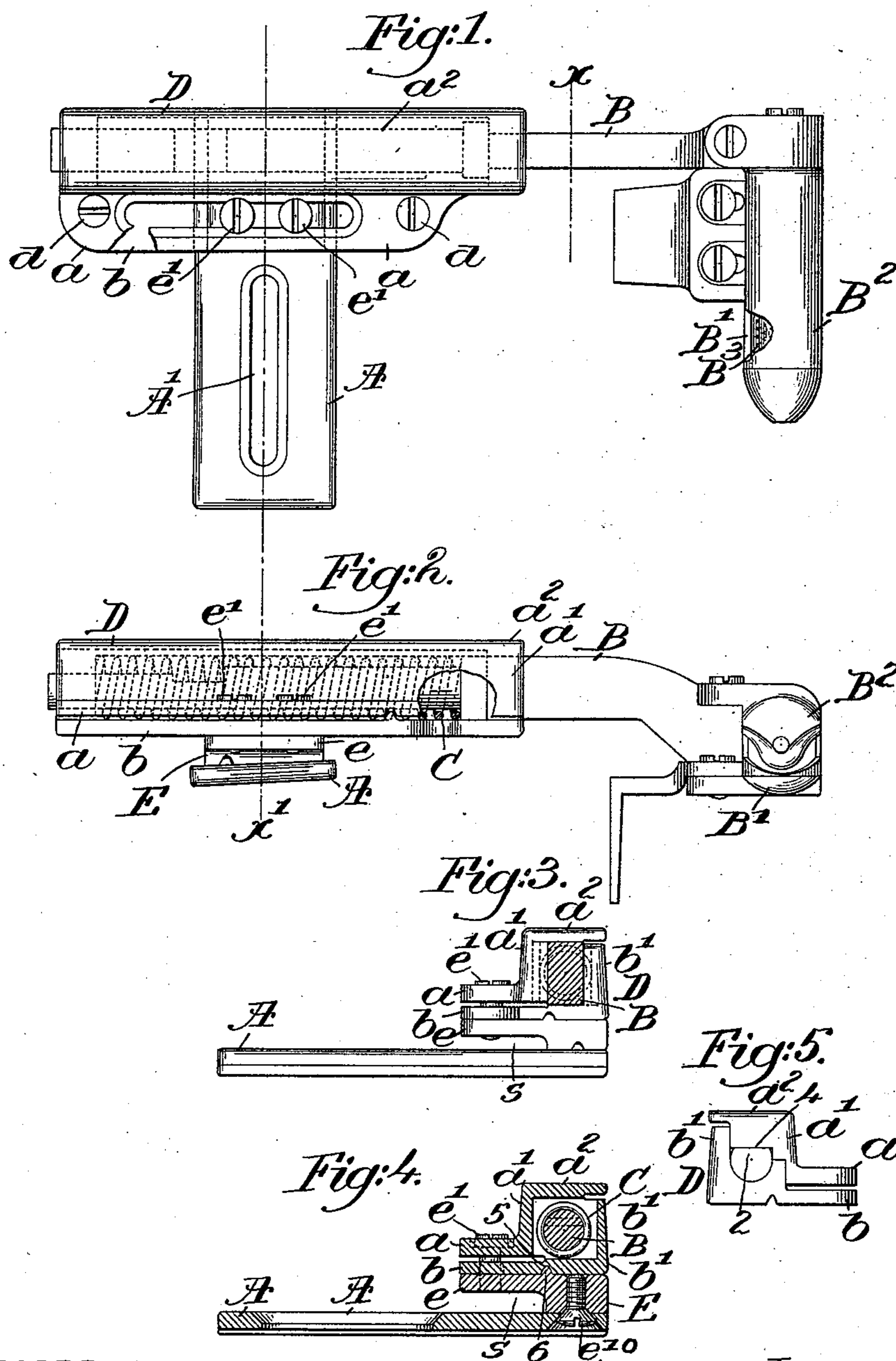


(No Model.)

E. S. STIMPSON.
LOOM TEMPLE.

No. 539,241.

Patented May 14, 1895.



Witnesses.

Fred S. Grubb of
Thomas Drummond.

Inventor:

Edward S. Stimpson
by Crosby & Gregory attys.

UNITED STATES PATENT OFFICE.

EDWARD S. STIMPSON, OF HOPEDALE, MASSACHUSETTS, ASSIGNOR TO THE
DUTCHER TEMPLE COMPANY, OF SAME PLACE.

LOOM-TEMPLE.

SPECIFICATION forming part of Letters Patent No. 539,241, dated May 14, 1895.

Application filed April 30, 1894. Serial No. 509,472. (No model.)

To all whom it may concern:

Be it known that I, EDWARD S. STIMPSON, of Hopedale, county of Worcester, State of Massachusetts, have invented an Improvement in Loom-Temples, of which the following description, in connection with the accompanying drawings, is a specification, like letters and figures on the drawings representing like parts.

10 This invention has for its object to improve and simplify loom temples, the construction of the temple being such as to enable it to be readily adjusted for use on looms adapted to weaving cloth of different widths.

15 In accordance therewith, my invention consists in a base plate adapted to be applied to the top of a breast-beam in an adjustable manner, a detachable wedge-shaped lift plate having an overhanging lip or flange extended
20 toward the central part of the length of the breast-beam, and a screw to connect said lift plate and said base plate, combined with a two-part case composed of a top plate having a slotted flange, an upright and a covering
25 portion, a bottom plate having also a slotted flange and an upright, and with a shank adapted to enter said two-part case, a pod, cap and roll, to operate, substantially as will be described.

30 Figure 1 is a top or plan view of a temple embodying my invention; Fig. 2, a side elevation thereof, the roll being omitted; Fig. 3, a section in the line x , Fig. 1; Fig. 4, a section in the line x' , and Fig. 5 a rear end view of
35 the case and end of shank.

The base plate A, adapted to rest upon the top of the breast-beam, has a long slot A' for the reception of a bolt or screw by which to attach the plate to the said beam and yet permit it to be adjusted on the beam according
40 as wider or narrower cloth is being woven.

The shank B of the temple, has a pod B' and an attached cap B², between which is a toothed roll B³.

45 The shank B is surrounded by a suitable spring C, partially shown by breaking away part of the case to be described. This spring

acts as usual and hence needs no further description.

The case D is of peculiar construction, viz: 50 It is composed of a top plate and a bottom plate. The top plate consists of a slotted flange a , an upright a' , and a horizontally extended cover a^2 . The bottom plate has a similar slotted flange b , and an upright b' , which 55 is overlapped by the cover a^2 , the passageway left between the uprights a' and b' receiving in it and serving as a guide for the shank B. The top plate may be of such size that when applied to the bottom plate and confined by the screws d, d , in the flanges referred to, the cover a^2 will cover the shank B. At its rear end the shank is slabbed off at top, as at 2, to be acted upon by a straight portion or lug 4 of the top plate. The under 65 side of the bottom plate b has, see Fig. 4, a longitudinal groove 5, to receive a rib 6, on a lift plate E having a lip or flange e extended longitudinally over the plate A toward the middle of the width of the loom so as to leave 70 a space s between the lift plate and plate A for the free and unobstructed passage of the selvage of the cloth being woven. This plate E is firmly but detachably secured to the plate A by a screw e^{10} , and said plate, see Fig. 75 2, has two threaded screw holes to receive the screws e', e' , which are inserted through the slots in the flanges a and b , so that the case may be adjusted longitudinally.

The lift plate is made tapering, as best 80 shown in Fig. 2, so as to give to the case the desired tip or inclination downward toward the lay, and these plates E are made interchangeable so that a plate of the proper thickness and pitch may be substituted according to the requirements of the cloth being woven. 85

Having described my invention, what I claim, and desire to secure by Letters Patent, is— 90

The base plate, its detachable wedge-shaped lift plate having an overhanging lip or flange, extended toward the central part of the length of the breast-beam and a screw to connect

5 said lift plate and said base plate, combined with a two-part case composed of a top plate having a slotted flange, an upright and a covering portion, a bottom plate having also a slotted flange and an upright, and with a shank adapted to enter said two-part case, a pod, cap and roll, to operate, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EDWARD S. STIMPSON.

Witnesses:

FRANK J. DUTCHER,
WM. W. KNIGHTS.