

(No Model.)

S. T. SMITH.
INKING PAD.

No. 414,846.

Patented Nov. 12, 1889.

Fig. 1.

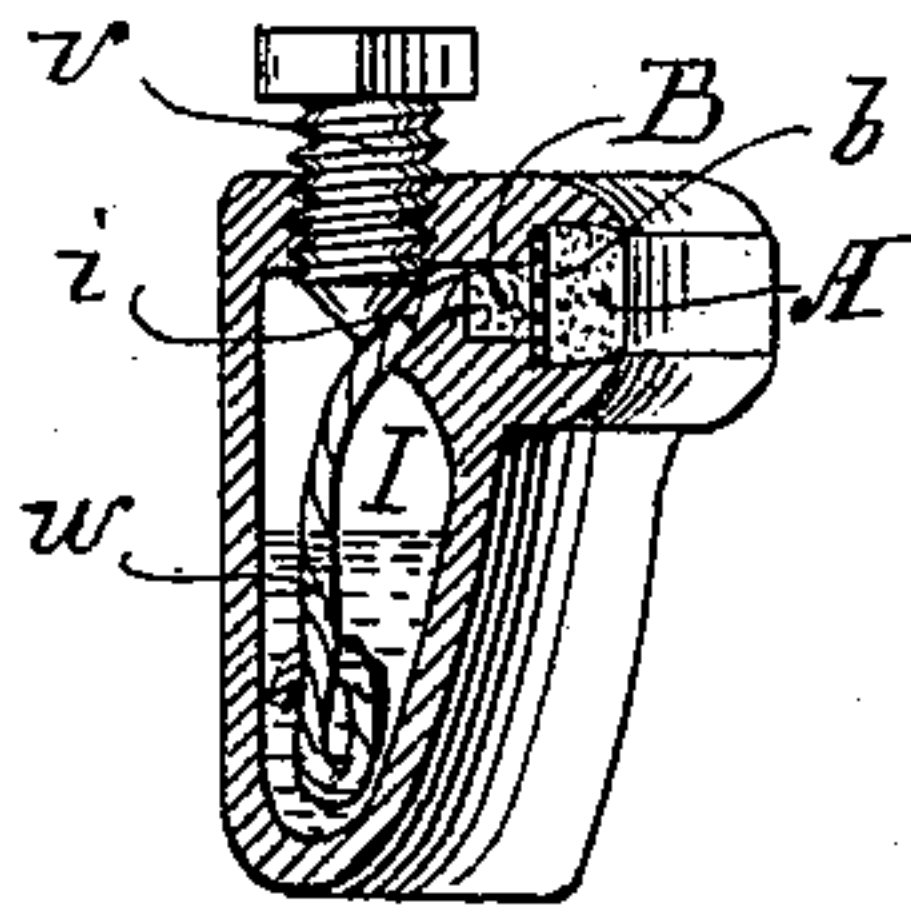
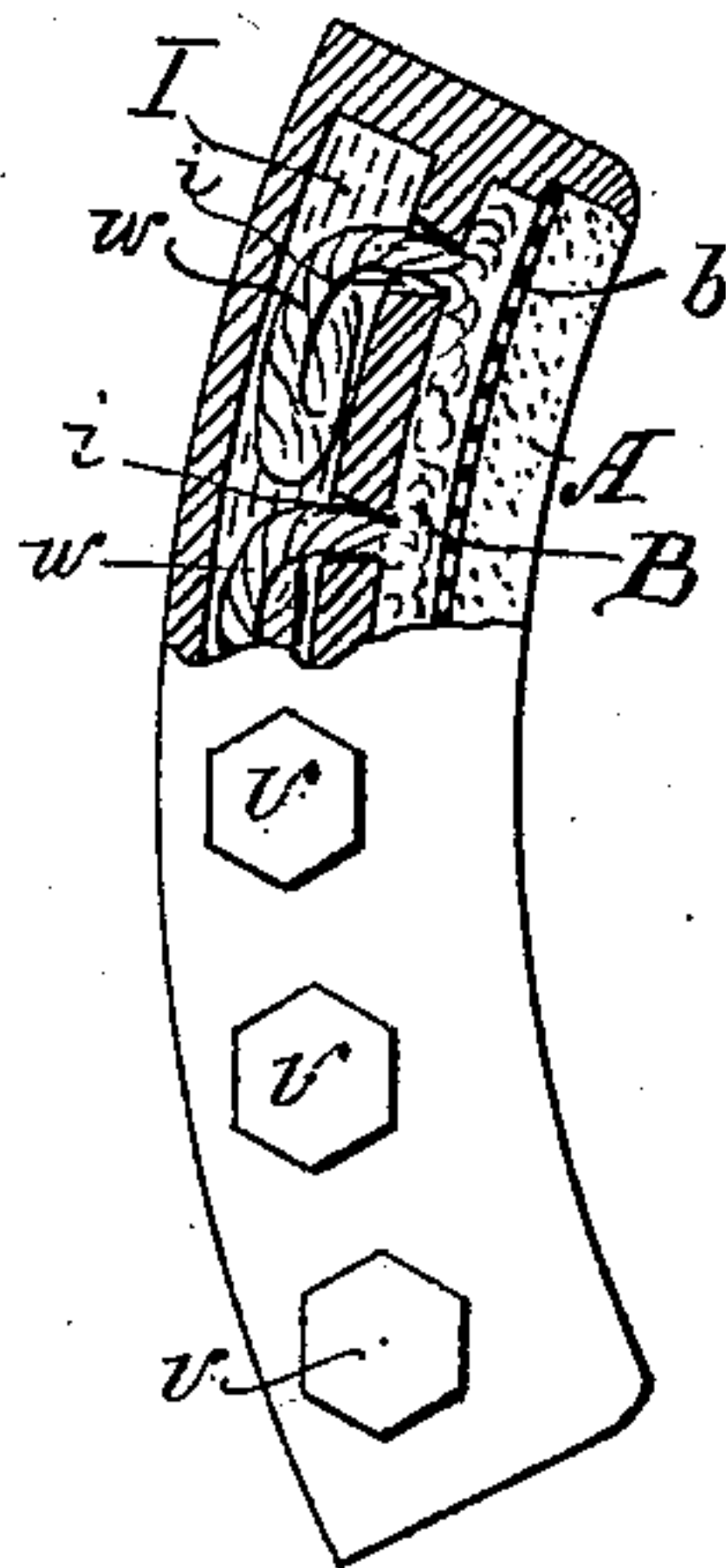


Fig. 2.



Witnesses.

August C. Christensen.

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Inventor.

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per Charles Raetig
his Atty.

UNITED STATES PATENT OFFICE.

STEPHEN T. SMITH, OF NEW YORK, N. Y.

INKING-PAD.

SPECIFICATION forming part of Letters Patent No. 414,846, dated November 12, 1889.

Application filed April 5, 1888. Serial No. 269,742. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN T. SMITH, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Inking-Pads, of which the following is a specification.

My invention relates to type-writing machines, printing-presses, and similar machines; and the object of my invention is to provide a durable inking-pad which will retain sufficient quantity of ink to suit the requirements of the case and yet gradually supply the ink used from a connected well, so as to last for a longer period of time, thus prolonging the time before a renewal is required.

In the type-writing machines in use at present which use inking-pads the type-bars are frequently arranged in an arc, and the pads therefore must take a corresponding shape, so as to be in contact with the type while the levers are at rest. Another element of importance is the consistency of the ink, as different wells and feeding methods will be required for heavy or free flowing ink.

The ink-pad shown in the accompanying drawings relates to type-writing machines in which the type-bars are arranged in an arc and where free-flowing ink is to be used.

Figure 1 is a sectional view of my inking-pad. Fig. 2 is a plan view, partially in section, of Fig. 1.

Similar letters relate to similar parts throughout.

For constructive reasons the ink-basin I in this case will generally be placed below the inking-cushion, and will connect through openings *i* near the top of the basin I with a chamber B, separated from the cushion A by a wire net or perforated partition *b*. A series of wicks *w w* will carry the ink up to the chamber B, which is also supplied with wicks, and from there it will be absorbed through the perforated partition by the cushion A, which consists of loose fibrous or porous fabric or any other suitable ink-absorbing substance.

For transportation of these inking-pads it will be important to stop the flow of ink from the ink-basin I to the cushion A. For this purpose a series of screw-valves V are arranged along the top of the casing which, when tightened, will press the connecting-wicks firmly into the connecting openings or channels *i*, thus stopping the flow of ink from I to B and thereby to A.

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

The combination of cushion A and the chamber B, the channels *i*, and the valves V with the ink-basin I and wicks *w'*, as herein shown and set forth.

Signed at New York, in the county of New York and State of New York, this 2d day of April, A. D. 1888.

STEPHEN T. SMITH.

Witnesses:

E. H. PIROVANO,
A. B. PHILLIPS.