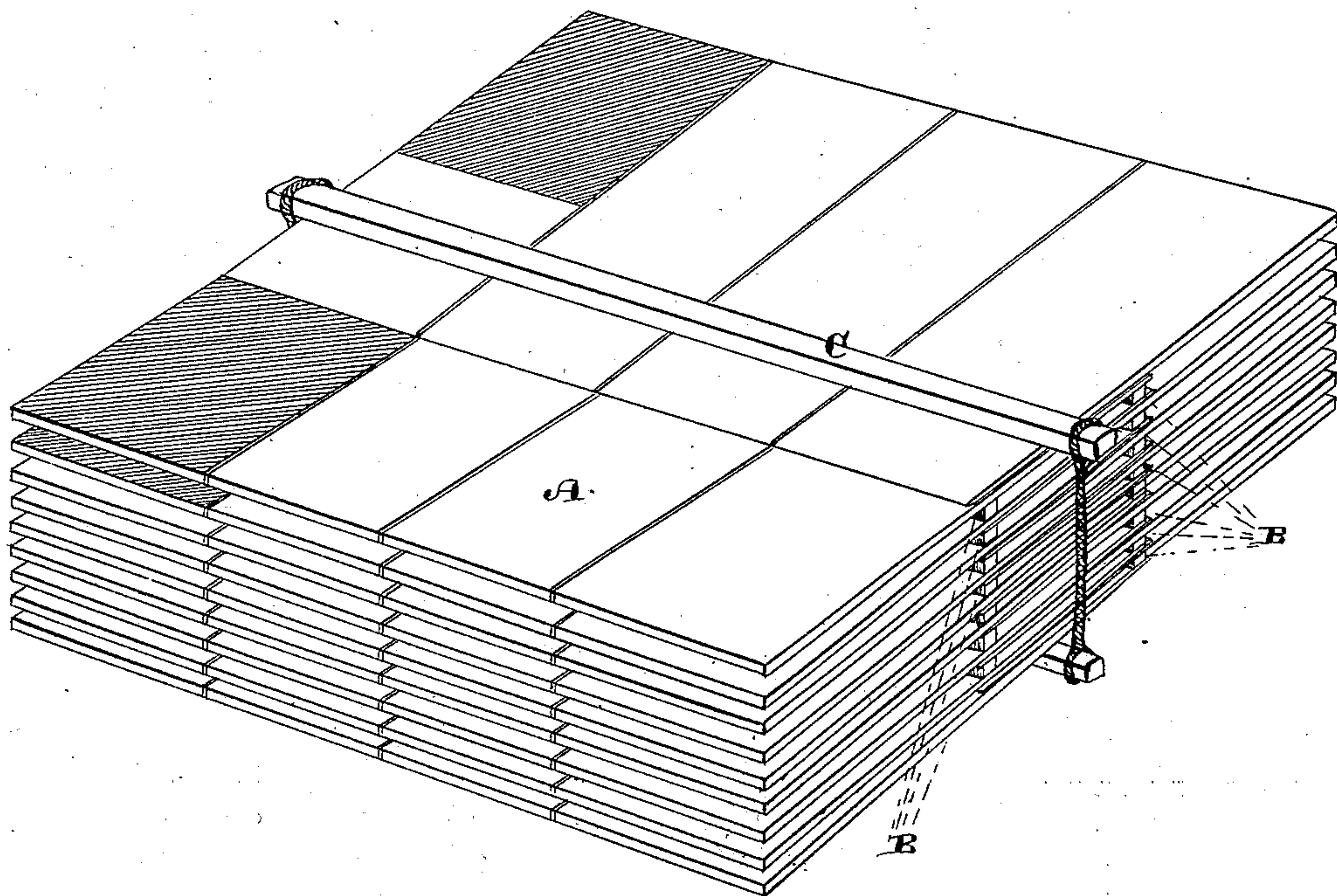


(No Model.)

A. L. MUNSON.
METHOD OF BUNCHING SHINGLES.

No. 285,152.

Patented Sept. 18, 1883.



Witnesses,
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UNITED STATES PATENT OFFICE.

ANSON L. MUNSON, OF FRESNO, CALIFORNIA.

METHOD OF BUNCHING SHINGLES.

SPECIFICATION forming part of Letters Patent No. 285,152, dated September 18, 1883.

Application filed June 12, 1883. (No model.)

To all whom it may concern:

Be it known that I, ANSON L. MUNSON, of Fresno, county of Fresno, State of California, have invented an Improved Method of Bunching Shingles; and I hereby declare the following to be a full, clear and exact description thereof.

My invention relates to a new and useful improvement in bunching shingles; and it consists in placing between them, on the line of their lap or bond, a number of transverse slats or strips, as will hereinafter fully appear.

The object of my invention is to facilitate the process of dipping to which the shingles are subjected to coat them with paint or other protective material.

The present manner of bunching shingles is to lay them one on another from each side, with their laps touching, and then to bind them firmly together with the clamp or yoke, which is well known. This makes a solid and compact bunch, and is well enough where the dipping process is not resorted to. But for this process the yoke must be removed and each shingle dipped separately, in order to expose all sides to the paint or dipping material. This takes time, and the difficulty cannot be remedied so long as the present manner of bunching shingles is used. The present bunch cannot be dipped as a whole, because the shingles are bound so firmly together that the paint will not reach their surfaces; but by my invention this can be done and much time saved.

Referring to the accompanying drawing, the figure is a perspective view of my shingle bunch.

A represents the shingles, their laps laid on

each other from each side in pairs. Between the shingles on each side, on their lap-lines, are laid transverse strips or slats, B, in practice about five-eighths inch wide and one-fourth inch thick. The intervening strips separate and hold apart the shingles, and thereby accomplish two objects—namely, enabling them to dry or season thoroughly after bunching, and to expose every side up to the lap-line to the action of the paint or dipping material in which they are immersed. The position of the strips or slats B also prevents the lateral or longitudinal bending or warping of the shingles, the breaking of the thinner ends or corners, or the splitting of the thin ends.

C is the usual clamp or yoke binding the bunch together. The entire bunch is dipped, first one side and then the other, in the paint compound up to the lap-line, where the intervening strips are laid. The paint enters between the shingles, and the entire surface of each up to its lap is exposed to its action.

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

The herein-described method of bunching shingles, consisting, essentially, in placing the strips or slats B between each two pairs on and over the lap-line, up to which the shingles composing the pairs are lapped, as and for the purpose set forth.

In witness whereof I hereunto set my hand.

ANSON L. MUNSON.

Witnesses:

C. G. SAYLE,
CHAS. F. BURKS.