(12) **United States Patent**
**Bell**

(10) **Patent No.: X4134**
(45) **Date of Patent: Jun. 1, 1825**

(54) **SPINNING THREAD, OF WOOL**

(76) Inventor: **William Bell**

William Bell

# Letters Patent.

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said William Bell himself of his improvement being a machine for making Mats, Window blinds, Table Covers, &c.

My improvement consists in making a frame of any suitable length and breadth, similar to a Carpenters common plane in form. At the front end of this frame or block part of the machine is a mortice for the insertion of a square or oblong block of wood or metal for the purpose of holding an iron circular knife resembling what is commonly called a "steam" or hose tunnel. They are fixed tight by screws screwed into the ends of the block touching their sides. The square or oblong block of wood or metal which contains them, I call the face of the block part of this machine and screw it on with the screws. At a suitable distance from the block which I fill the wood on to is a piece of metal, angular or square fastened down into the block by countersunk screws to secure it on its place. Half of the inside edge of the upper plate is levelled off to correspond with a sliding knife or splitter similar to a common plane iron, for the purpose of splitting the wood in a direction convenient to admit the teeth of the wood into threads. The third plate lies on the upper part of the second piece of metal which has an inclined plane for the purpose of raising or depressing the knife or splitter for cutting coarse or fine, and has a screw let into it which passes through the third plate in an oblong mortise, likewise for regulating the edge of the splitter. From the plate with its under edge corresponding to the cutter is screwed on the face of the block covering half the width of the knife for making it secure. The block or frame part of this machine is hollow half of its length for the purpose of admitting and letting out the splints or threads of wood. On the side of this machine is fixed a piece of wood projecting in towards the centre of the block on the bottom of the same, for a way or direction to this machine when on the piece of wood in operation. It is operated on by hand. The plane from which the splints or threads of wood is to be taken, can be in an inclined or horizontal direction.

Witnesses { Wm Sutton
W. J. Elliot

William Bell.

DRAFTSMAN'S DIVISION.

*All communications should be addressed to "The Commissioner of Patents, Washington, D. C."*

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*DEPARTMENT OF THE INTERIOR,*

# United States Patent Office,

*Washington, D. C.,* ....., *189*....

*SIR:*

*The printed* copies *of Patent No.* A. Bell, June 1, 1875

are *exhausted.*

*As soon as printed a copy will be mailed you to complete your order.*

*By direction of the Commissioner:*

*Very respectfully,*

*Chief Clerk.*

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United States Patent

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