

(No Model.)

S. TOFFLER.

DOOR MAT.

No. 397,402.

Patented Feb. 5, 1889.

Fig. 1.

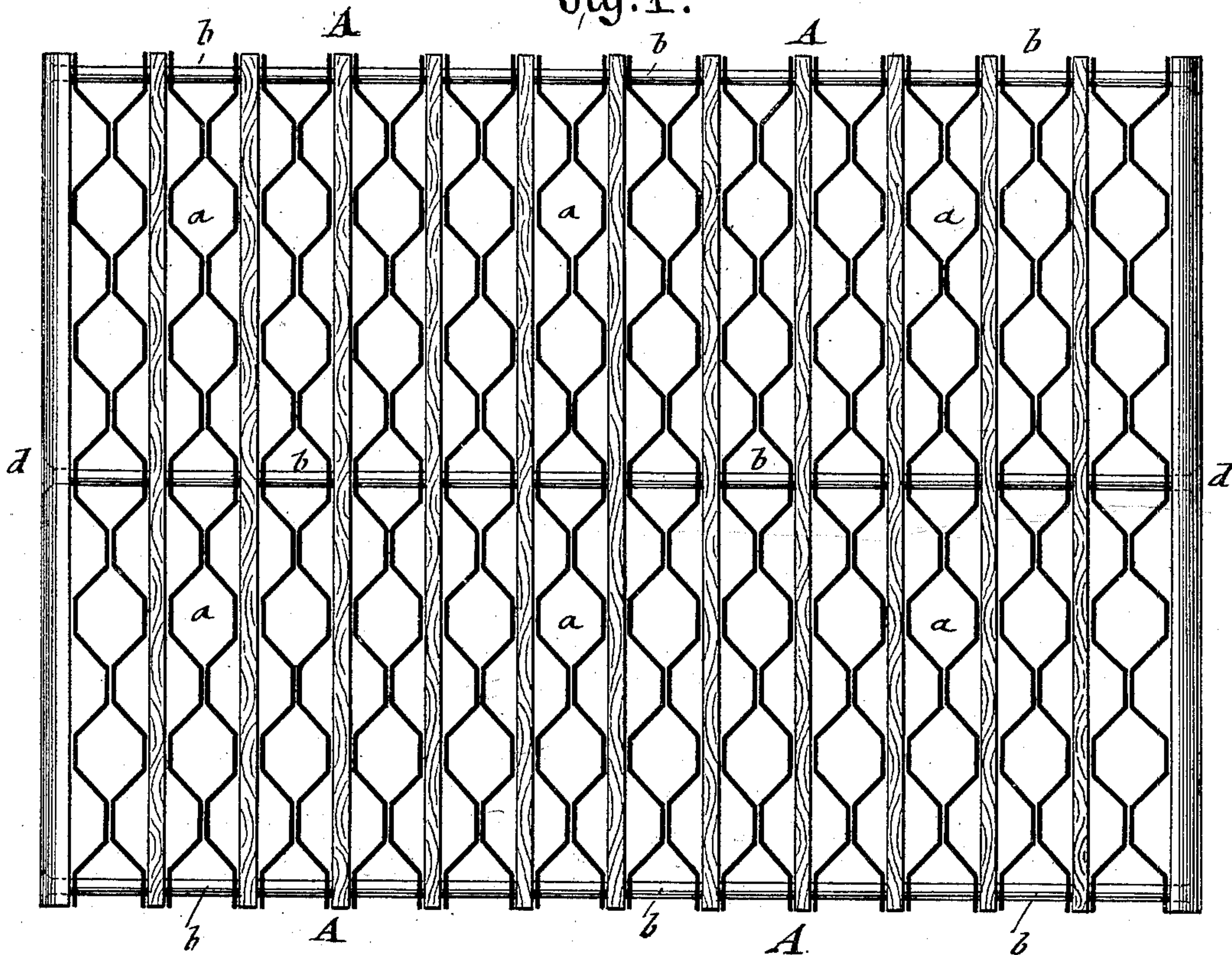


Fig. 2.

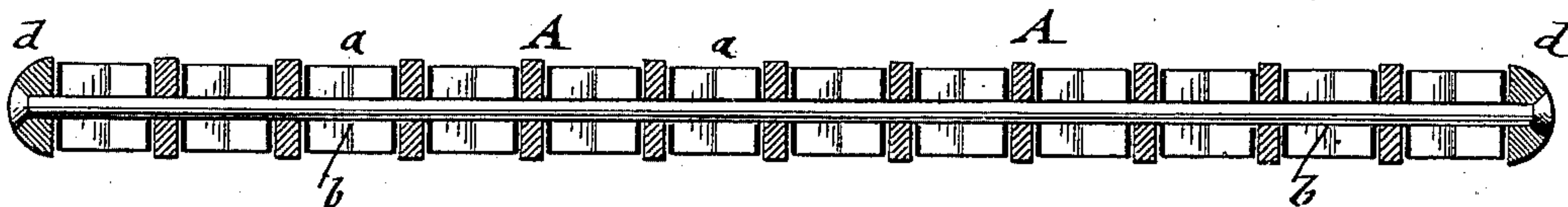
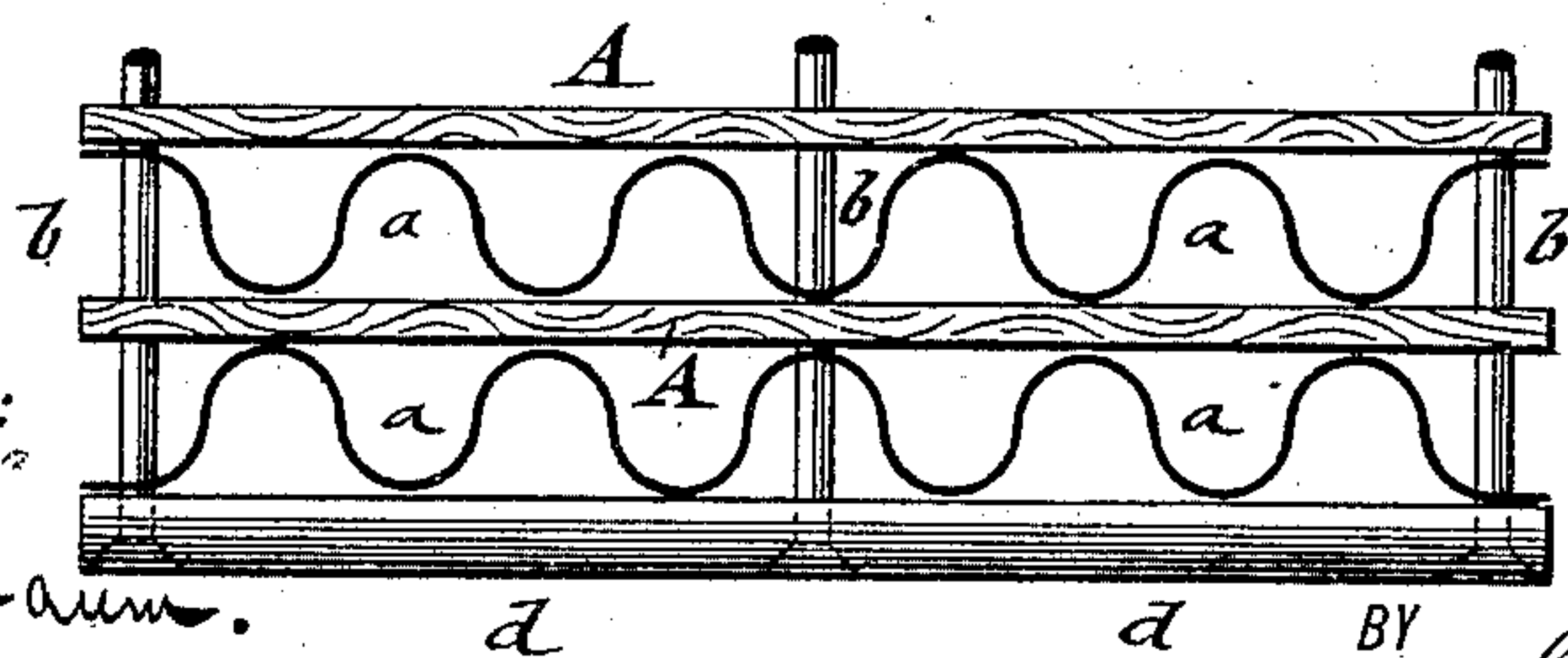


Fig. 3.



WITNESSES:

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DOOR-MAT.

SPECIFICATION forming part of Letters Patent No. 397,402, dated February 5, 1889.

Application filed October 1, 1887. Serial No. 251,191. (No model.)

To all whom it may concern:

Be it known that I, SIMON TOFFLER, of the city of New York, in the county and State of New York, have invented certain new and
5 useful Improvements in Door-Mats, of which the following is a specification.

The object of my invention is to provide a new and improved door or car mat which is light and durable and can be cleaned readily.

10 The invention consists of a door-mat composed of a series of bent strips of hoop-iron, wooden strips alternating with said bent strips, connecting-rods passed through the hoop-iron and wooden strips, and end pieces to which
15 the connecting-rods are secured.

In the accompanying drawings, Figure 1 represents a plan view of my improved door-mat made of hoop-iron and wooden strips. Fig. 2 is a vertical longitudinal section of the
20 same, and Fig. 3 a plan view of a modified form of the same.

Similar letters of reference indicate corresponding parts.

In the drawings, *a a* represent a series of
25 strips of hoop-iron, which are bent insuitable dies, so as to form either obtuse-angled, rectangular, or other similar figures. Between the hoop-iron strips *a* are interposed wooden strips *A*, which alternate with the
30 bent strips, as shown in Fig. 3, or with two strips *a*, as shown in Fig. 1. The alternating hoop-iron and wooden strips *a* and *A* are rigidly held in position by connecting-rods *b b*, which are passed through holes punched into

the abutting portions of the hoop-iron and
35 wooden strips, as shown clearly in Figs. 1 and 3. The connecting-rods *b b* are riveted at their ends to bars *d d*, which are parallel to the wooden strips *A*, the connecting-rods *b b* and end bars, *d d*, binding the strips rigidly
40 together. The edges of the wooden strips project slightly beyond the edges of the iron strips, so that the soles of the shoes rest mainly upon the wooden strips without pro-
45 ducing the disagreeable grating action on the feet which is produced by door-mats made entirely of metal strips. The wooden strips also protect the tile floors or marble floors against being scratched by contact with the iron strips,
50 which is very objectionable when used in halls, &c.

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

A door-mat composed of a series of bent
55 strips of hoop-iron, wooden strips alternating therewith, said strips projecting beyond the edges of the iron strips, connecting-rods passed through holes of the iron and wooden strips, and end bars to which the connecting-rods are
60 secured, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

SIMON TOFFLER.

Witnesses:

PAUL GOEPEL,
MARTIN PETRY.