

(Model.)

W. A. MAURAN.

CARPET LINING.

No. 261,012.

Patented July 11, 1882.

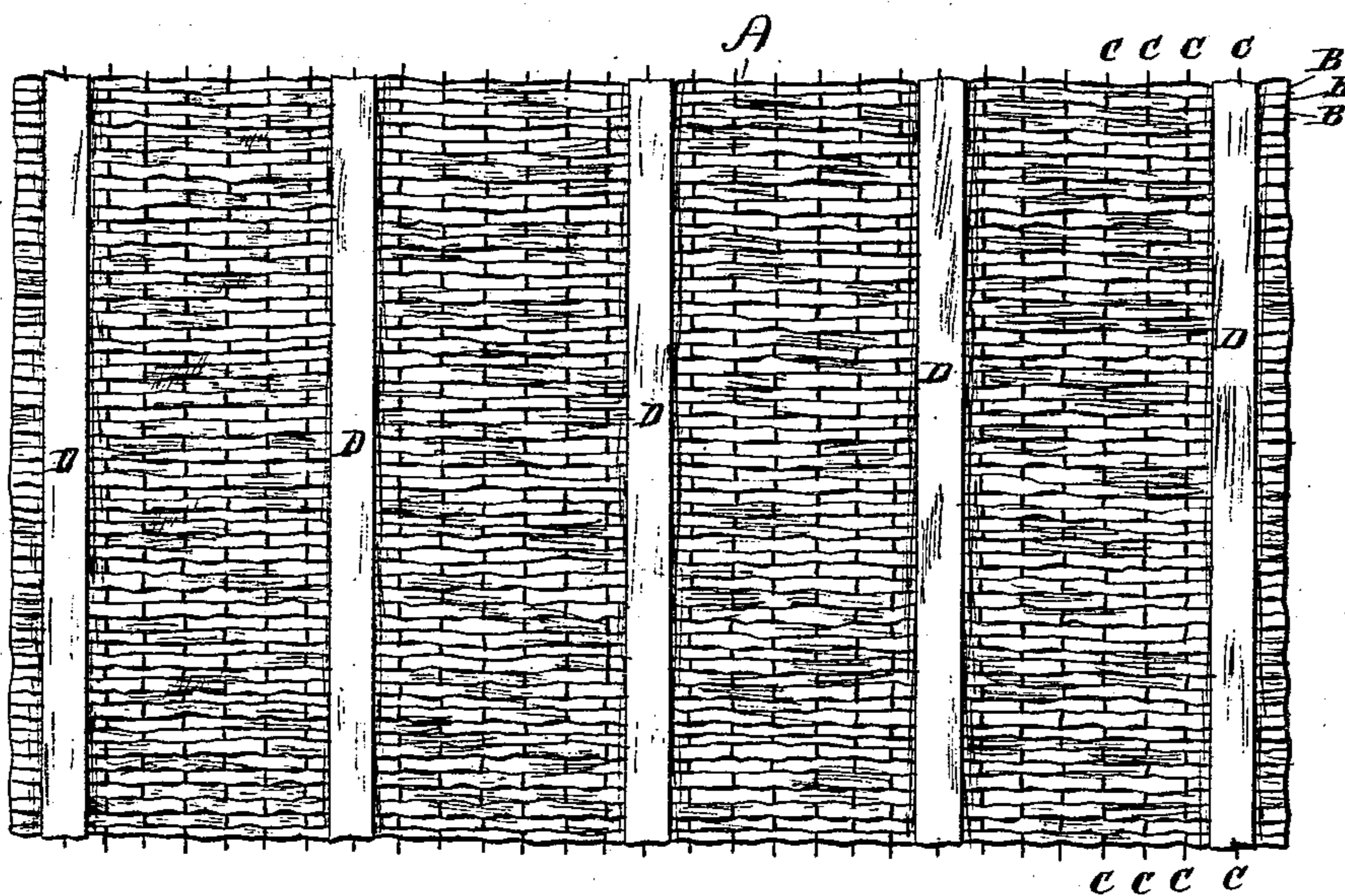


FIG. 1.



FIG. 2.

WITNESSES.

Socrates Scholfeld
James Young

INVENTOR.

William A. Mauran

UNITED STATES PATENT OFFICE.

WILLIAM A. MAURAN, OF PROVIDENCE, RHODE ISLAND.

CARPET-LINING.

SPECIFICATION forming part of Letters Patent No. 261,012, dated July 11, 1882.

Application filed October 1, 1881. Renewed June 1, 1882. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM A. MAURAN, of Providence, in the State of Rhode Island, have invented an Improvement in Carpet-Lining, of which the following is a specification.

The nature of my invention consists in a loosely-woven fabric the filling of which is made of the leaves of *Typha latifolia*, or cat-tail flag, and to one or both sides of the web so woven are pasted strips of paper or other suitable material to strengthen the loosely-woven web and properly prevent the separation of the leaf filling at the ends of the cut pieces of the web.

Figure 1 is a plan view of a piece of my improved carpet-lining. Fig. 2 represents a longitudinal section of the web enlarged.

In the drawings, A represents a piece of my improved carpet-lining; B B B, the separate leaves of cat-tail flag employed for the filling of the web; C C C, the longitudinal warp-threads; D D D, strips of paper or cloth pasted upon the flag-leaves of the filling longitudinally of the web, upon one or both sides, as desired. The strips D D, pasted to the surface of the flag-leaves, serve to strengthen the loosely-woven fabric, and to prevent the flag-leaves at the extreme ends of a piece of the web from becoming loosened from the warp.

In the manufacture of my improved carpet-

lining I do not beat up the weft, but employ a specially-constructed loom, whereby the leaves of flag are held flat between the warp-threads and in a favorable position for the pasting of the strengthening and retaining strips to the flat sides of the leaves in the web. The fabric is thus, owing to the relative width of the flag-leaves, rapidly woven, and is of the proper thickness for the purpose of a carpet lining when it leaves the loom, and the pasted strips have a firm hold upon the flat sides of the leaves, which could not be secured in a fabric beaten up by the lathe of a loom.

I am aware that strengthening-strips have been employed for similar fabrics held together by stitching, the strips being sewed to the fabric.

I am also aware that similar strips have been pasted to a felted fabric and to a carpet-lining formed of paper sheets; but

I claim as my invention—

A carpet-lining web loosely woven with a weft of the leaves of the cat-tail flag laid flat between the warp-threads, and having longitudinal strengthening-strips pasted to the flat sides of the weft, substantially as described.

WILLIAM A. MAURAN.

Witnesses:

SOCRATES SCHOLFIELD,
IRA O. SEAMANS.