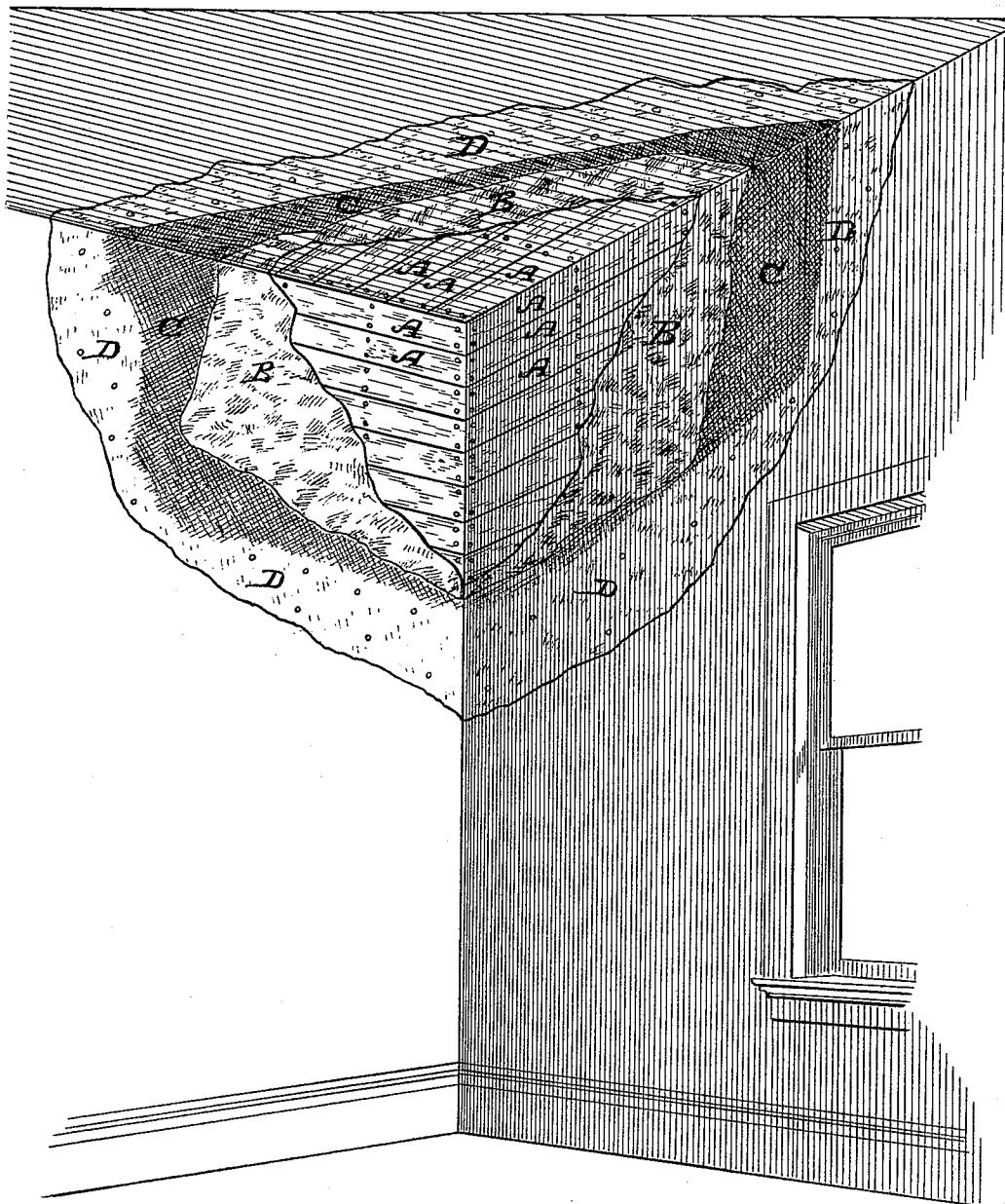


(No Model.)

J. P. McMURRAY.
WALL OR CEILING COVERING.

No. 480,120.

Patented Aug. 2, 1892.



Witnesses,
J. A. Boyless

Inventor,
John P. McMurray
By Devery & Co.
attys

UNITED STATES PATENT OFFICE.

JOHN P. McMURRAY, OF SAN FRANCISCO, CALIFORNIA.

WALL OR CEILING COVERING.

SPECIFICATION forming part of Letters Patent No. 480,120, dated August 2, 1892.

Application filed October 9, 1891. Serial No. 408,262. (No model.)

To all whom it may concern:

Be it known that I, JOHN P. McMURRAY, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented an Improvement in Wall or Ceiling Coverings; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to an improvement in the construction of walls and ceilings, whereby I am enabled to produce a firm hard surface and to reduce the liability of such surface to crack and break.

It consists in certain details of construction, which will be more fully explained in the following specification and accompanying drawing, in which the figure represents the construction of the walls at their angle with the ceiling.

The walls and ceilings are first covered over with rough boards A, fastened closely together. I then spread upon these a compound consisting of plaster-of-paris, sand, and dextrine or glue, mixed in such proportions as to overcome the brittleness and tendency to break which is found in a simple compound of plaster-of-paris and sand, (shown at B.) The dextrine or glue also retards the setting of the plaster-of-paris compound sufficiently long to enable me to complete the whole of the coating. After this compound has been spread upon the continuous board surface, to which it will adhere, I take the coarse woven goods known as "burlaps," in sheets C, preferably extending the whole width of the wall or ceiling to which they are applied. These are laid upon the soft plaster compound upon the wall and are rubbed into it, the plaster filling the interstices of the material and coming through to the outside. This coating is

put on over the whole surface of the walls and ceilings, and as the surface will be made somewhat irregular by this process it is leveled up by a coating of similar material, which is put on over the burlaps and which unites to form a solid body with the first coating beneath the burlaps, (shown at D.) After the whole has become set I nail through the coating, securing it firmly to the boards beneath. Any suitable finishing-coat may then be put on over the whole, concealing the nails and other marks upon the rough coating underneath.

By the use of the burlaps the material of the plaster passes through the interstices and that upon the inside unites with that upon the outside, so that the burlaps serve as a bond to hold the whole together. Any tendency to contraction that may take place is resisted by the fibers of the material of which the burlaps are woven, and they resist the tendency of the material to pull apart in either direction.

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

The improved wall or ceiling covering consisting of a continuous surface of boards, a thin adhesive plaster coat spread upon the board surface, a continuous coating of burlaps pressed and rubbed into the adhesive first coat, and one or more overlying subsequent coats of adhesive plaster applied thereto, substantially as herein described.

In witness whereof I have hereunto set my hand.

JOHN P. McMURRAY.

Witnesses:

S. H. NOURSE,
J. A. BAYLESS.