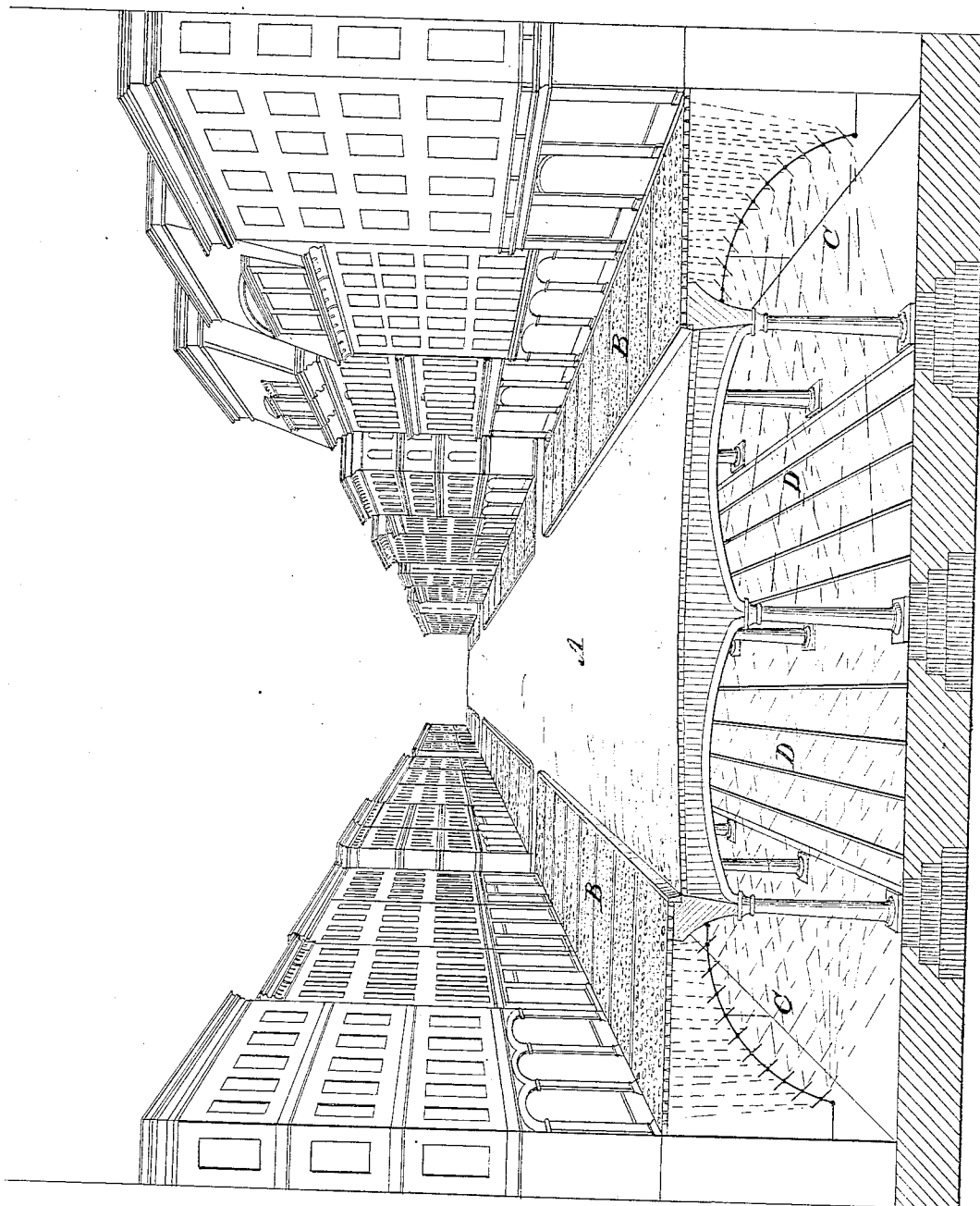


(No Model.)

T. HYATT.
ILLUMINATING SIDEWALK OR ROOF TO A CONTINUOUS VAULT OR
GALLERY, &c.

No. 289,537.

Patented Dec. 4, 1883.



Witnesses:
T. C. Brecht
Guy, DeMott.

Inventor:
Thaddeus Hyatt

UNITED STATES PATENT OFFICE.

THADDEUS HYATT, OF NEW YORK, N. Y.

ILLUMINATING SIDEWALK OR ROOF TO A CONTINUOUS VAULT OR GALLERY, &c.

SPECIFICATION forming part of Letters Patent No. 289,537, dated December 4, 1883.

Application filed November 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, THADDEUS HYATT, a citizen of the United States, residing at the city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Illuminating Sidewalks or Roofs to a Continuous Vault or Gallery, of which the following is a description, reference being had therein to the accompanying drawing, making part of this specification.

My improvements relate to my original invention of illuminating-pavements formed as roofs over vault-spaces under the footways of cities, and patented to me by the United States Government on the 27th day of August, 1867.

The object of my present invention is to cause the illuminating-sidewalk to not only light a continuous vault or gallery beneath its surface, but to also at the same time and from the same source illuminate a tunneled passage or subway made beneath the carriage-road of the street for the purpose of an underground railway.

The drawing attached hereto, and which illustrates my invention, is a perspective view representing a public street lined by stores on each side, in front of which are sidewalks constructed of my illuminating-tiles, underneath which, in combination therewith, are placed ranges of mirrors or daylight-reflect-

ors, which, on receiving the light-fall from the illuminating-sidewalks, transmit it by reflection to the tunneled subway where the rail-tracks are laid.

A indicates the carriage-way of the street. B indicates the footways or sidewalks. C indicates the illuminated galleries under the sidewalks. D indicates the tunneled subway under the street. E indicates daylight-reflectors. Dotted lines indicate light-rays.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. An illuminating sidewalk or public footway constructed as a roof over a continuous vault or gallery, in combination with daylight-reflectors so placed underneath them as to reflect the light from the sidewalk into a tunneled subway or underground railway passage.

2. An underground railway or tunnel connected by continuous or practically continuous open sides with a gallery roofed over by an illuminating-sidewalk, the light from which, falling upon daylight-reflectors placed underneath it, is reflected into the tunnel or underground railway passage.

In testimony whereof I affix my signature in presence of two witnesses.

THADDEUS HYATT.

Witnesses:

T. C. BRECHT,
GUY DE MOTT.