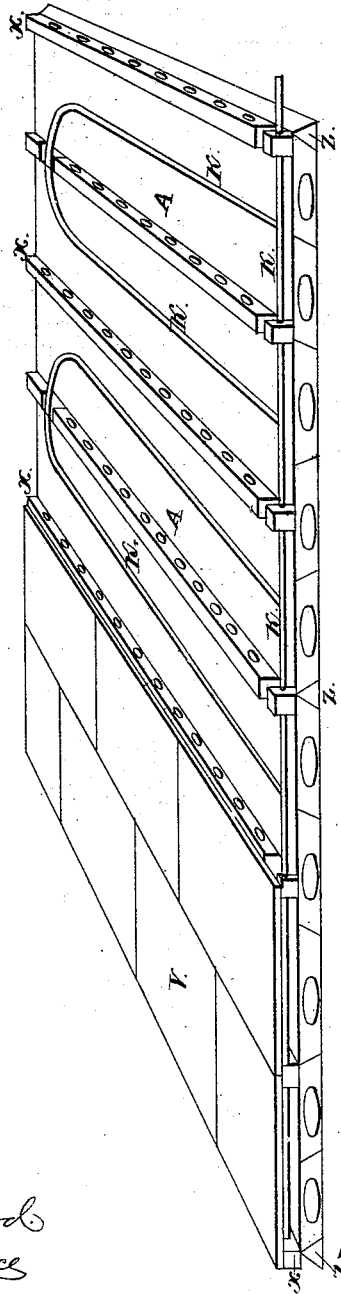


J. S. LINSLEY.
WARMING FLOORS

No. 181,859.

Patented Sept. 5. 1876.



Witnesses:

Kimball Ellwood
D. Witt Lawrence

Inventor:

John S. Linsley

UNITED STATES PATENT OFFICE.

JOHN S. LINSLEY, OF NEW YORK, N. Y.

IMPROVEMENT IN WARMING FLOORS.

Specification forming part of Letters Patent No. **181,859**, dated September 5, 1876; application filed February 25, 1876.

To all whom it may concern:

Be it known that I, JOHN S. LINSLEY, of the city of New York, county of New York, State of New York, have invented a new and useful Improvement in the Warming of Buildings, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing.

The object of my present invention is to so arrange steam-pipes in connection with a floor of novel construction that the latter may be utilized as a medium of distributing heat within the building at a uniform degree of temperature—say to the extent of 98° Fahrenheit, or the temperature of the human blood, or as may be required—thereby insuring to the inmates of such a building warmth to the feet to the extent of the natural temperature of the body; also, to economize the consumption of fuel, and to greatly promote the comfort and health of the occupants of such a building.

Figure 1 shows a floor constructed of concrete blocks A A, which are laid in flat arches

resting on triangular iron beams Z Z Z. Upon this floor are laid steam-pipes K K K. Over and above the steam-pipes is laid a pavement, V, which rests upon blocks X X X, perforated for the uniform distribution of heat, such pavement V to be constructed of material that shall radiate heat slowly—as plain or ornamental tile, soap-stone, marble, or any suitable material, in slabs or blocks of the desired shape and thickness.

I claim as my invention—

In combination with a floor of a building, consisting of concrete blocks A A, supported on beams Z Z perforated blocks X X, and pavement V, constructed of material that shall radiate heat slowly, such as plain or ornamental tile, soap-stone, marble, &c., a series of steam-pipes, K K, the whole constructed and arranged to operate substantially as and for the purpose specified.

JOHN S. LINSLEY.

Witnesses:

KIMBALL C. ATWOOD,
DE WITT C. LAWRENCE.