

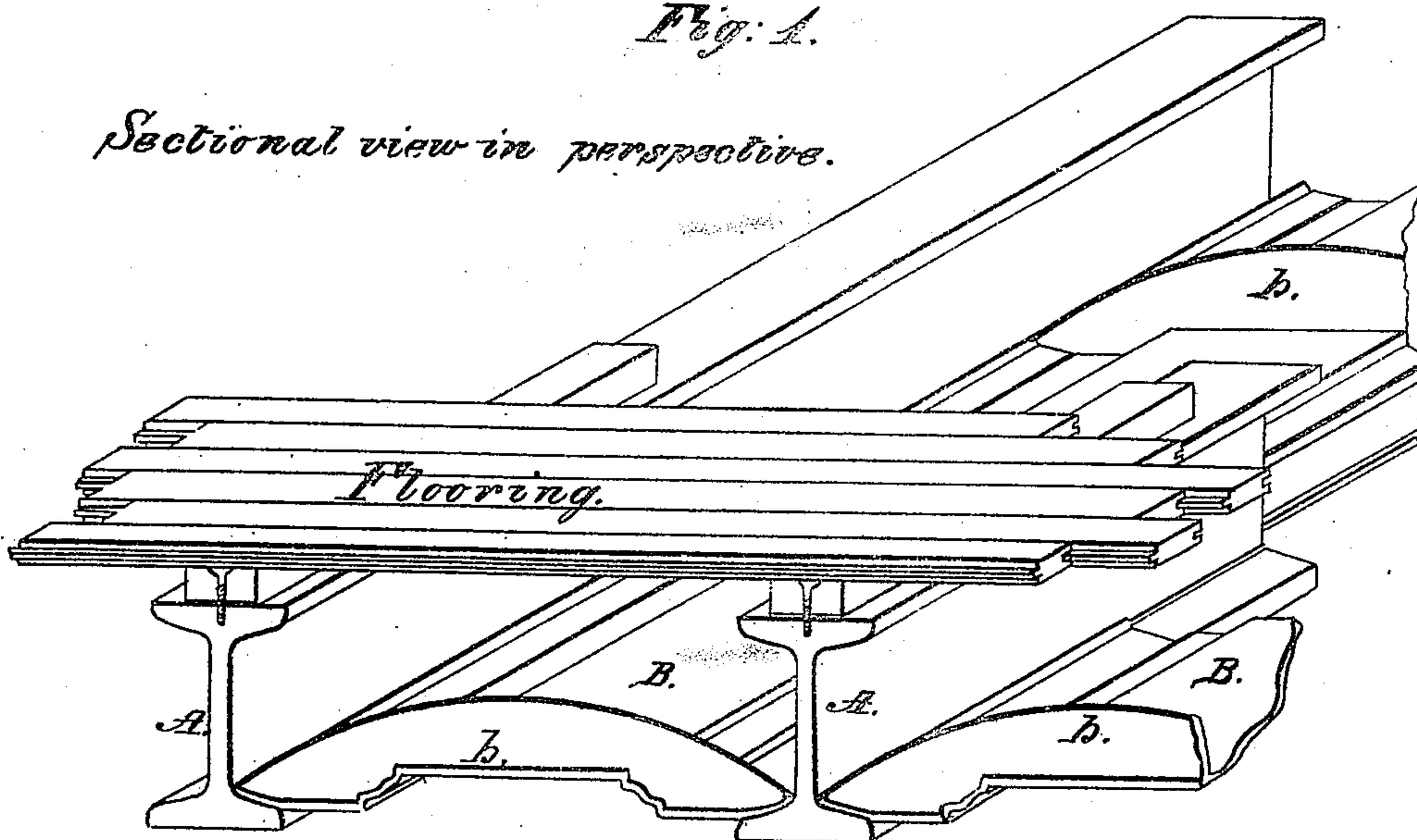
No. 91,375.

PATENTED JUNE 15, 1869.

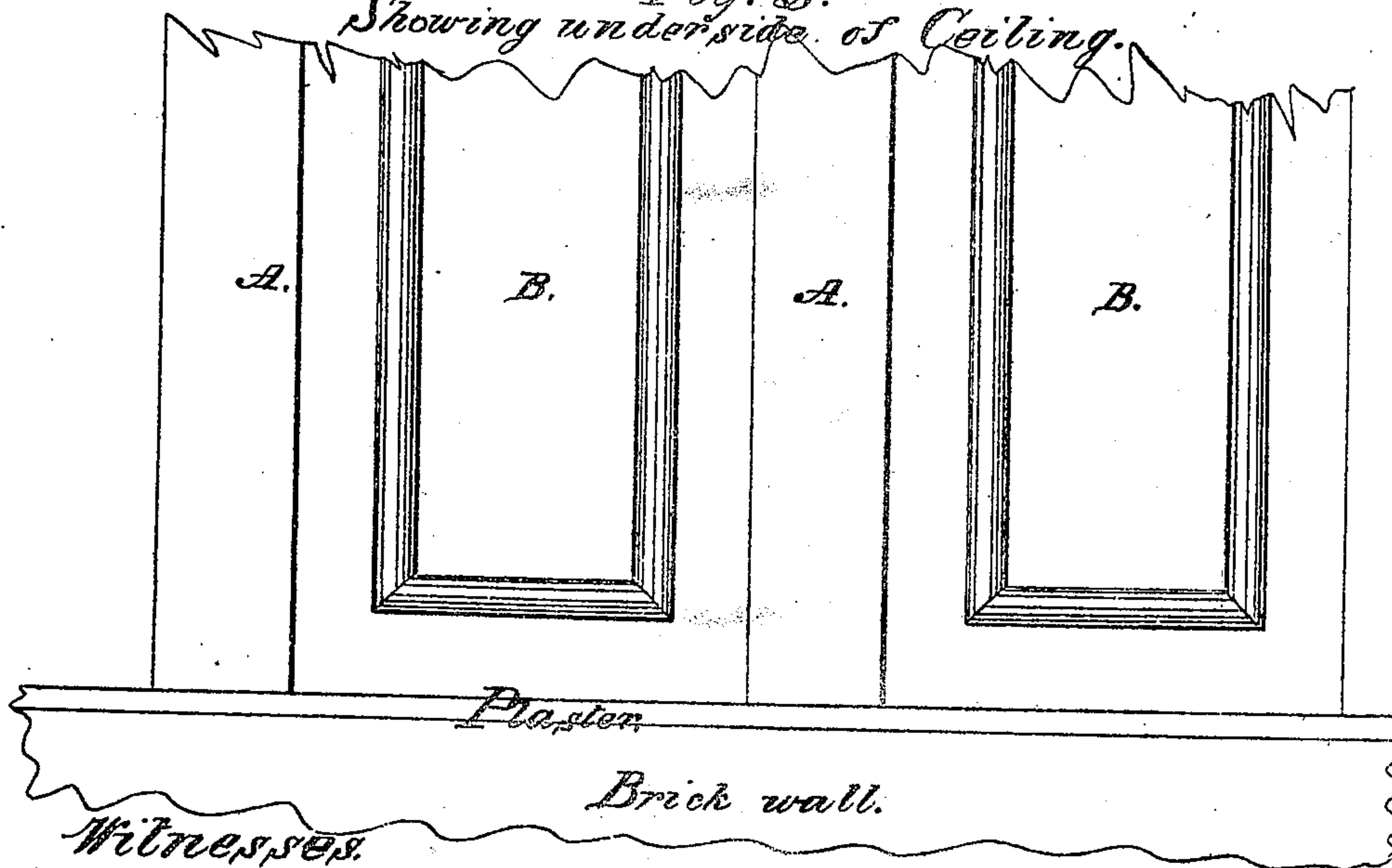
S. P. SNEAD.  
FIREPROOF CEILING.

*Fig. 1.*

*Sectional view in perspective.*



*Fig. 2.*  
*Showing underside of Ceiling.*



*Witnesses.*  
*Jas Bryan*  
*& Coyle*

*Inventor.*  
*Sam'l. P. Snead*

# United States Patent Office.

SAMUEL P. SNEAD, OF LOUISVILLE, KENTUCKY.

Letters Patent No. 91,375, dated June 15, 1869

## IMPROVED FIRE-PROOF CEILING.

The Schedule referred to in these Letters Patent and making part of the same.

*all whom it may concern:*

Be it known that I, SAMUEL P. SNEAD, of the city Louisville, in the county of Jefferson, in the State Kentucky, have invented a new and improved Mode Fire-Proofing the Ceilings of Houses, and thereby venting fire, in case of a conflagration, from passing from one story to another of the buildings in which may be placed; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, (where Figure 1 is a sectional view in perspective, and Figure 2 is a plan, showing the under side of ceiling,) and the letters of reference marked thereon.

The nature of my invention consists in providing iron plates B, fitting between and resting upon flanges of iron beams A, such as are used in constructing fire-proof floors, the under sides of said plates

being formed into panels, mouldings, or other ornaments used in beautifying ceilings, and the upper side being strengthened by ribs *b*, to resist the impact of falling masses of brick-work or other heavy material.

It is intended that the space between the beams and above the plates shall be filled with concrete, for the purpose of increasing the safety and deadening sound.

Having thus described my invention,

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

The ornamented plates B, supported upon the flanges of the beams A, when provided with the arched ribs *b*, constructed as described, for the purpose specified.

SAML. P. SNEAD.

Witnesses:

JAS. O'BRYAN,  
E. SAYRE.