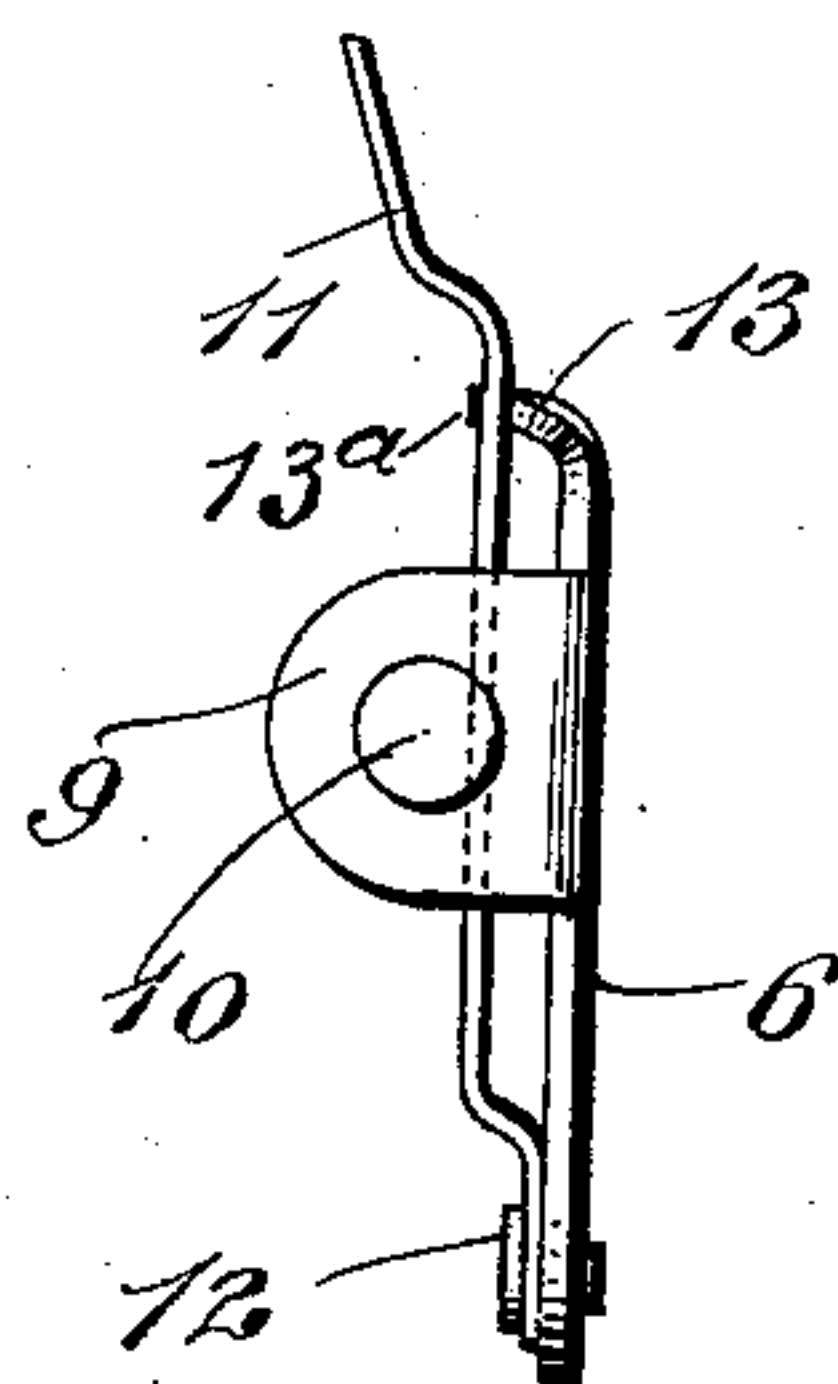
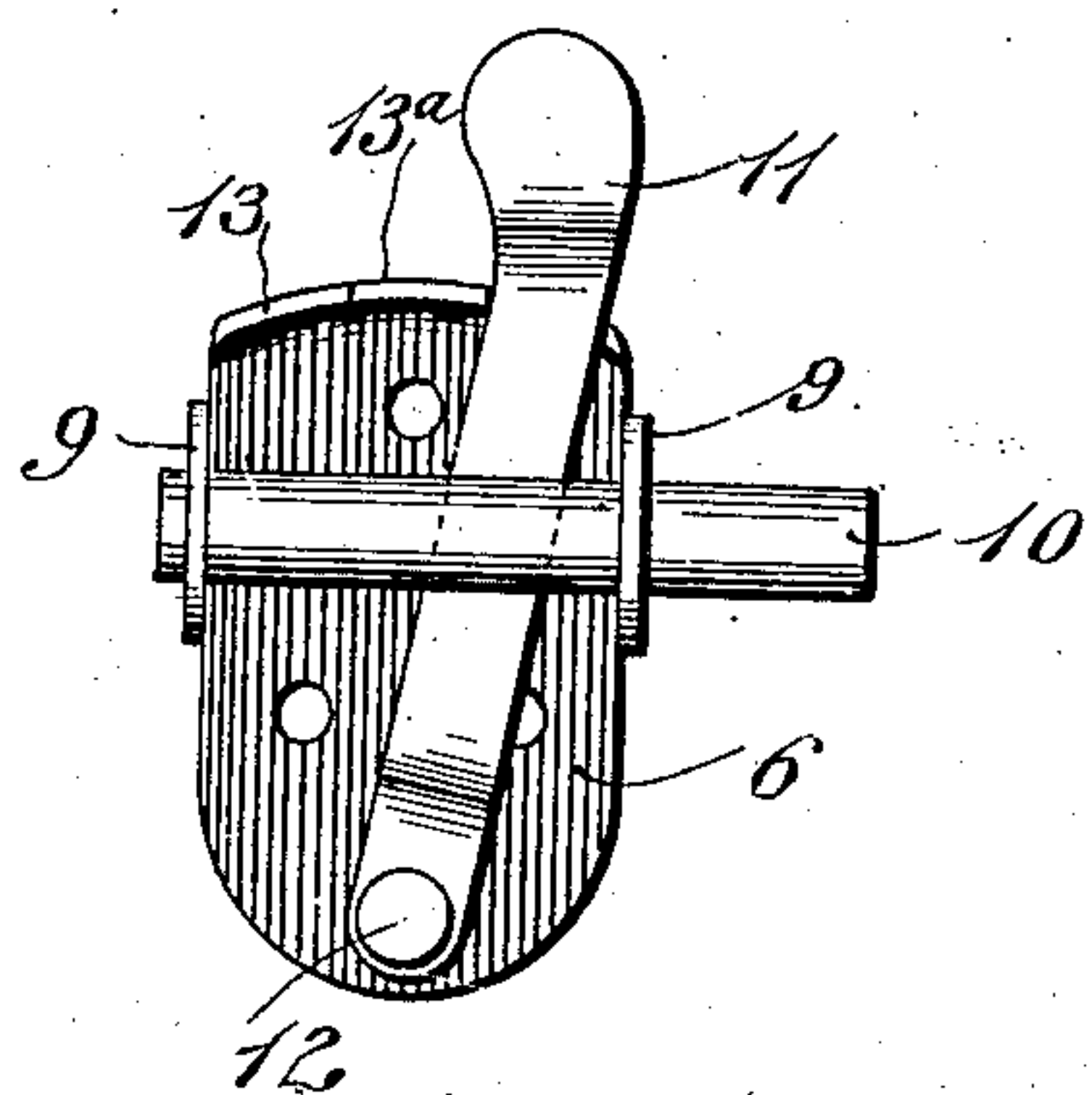
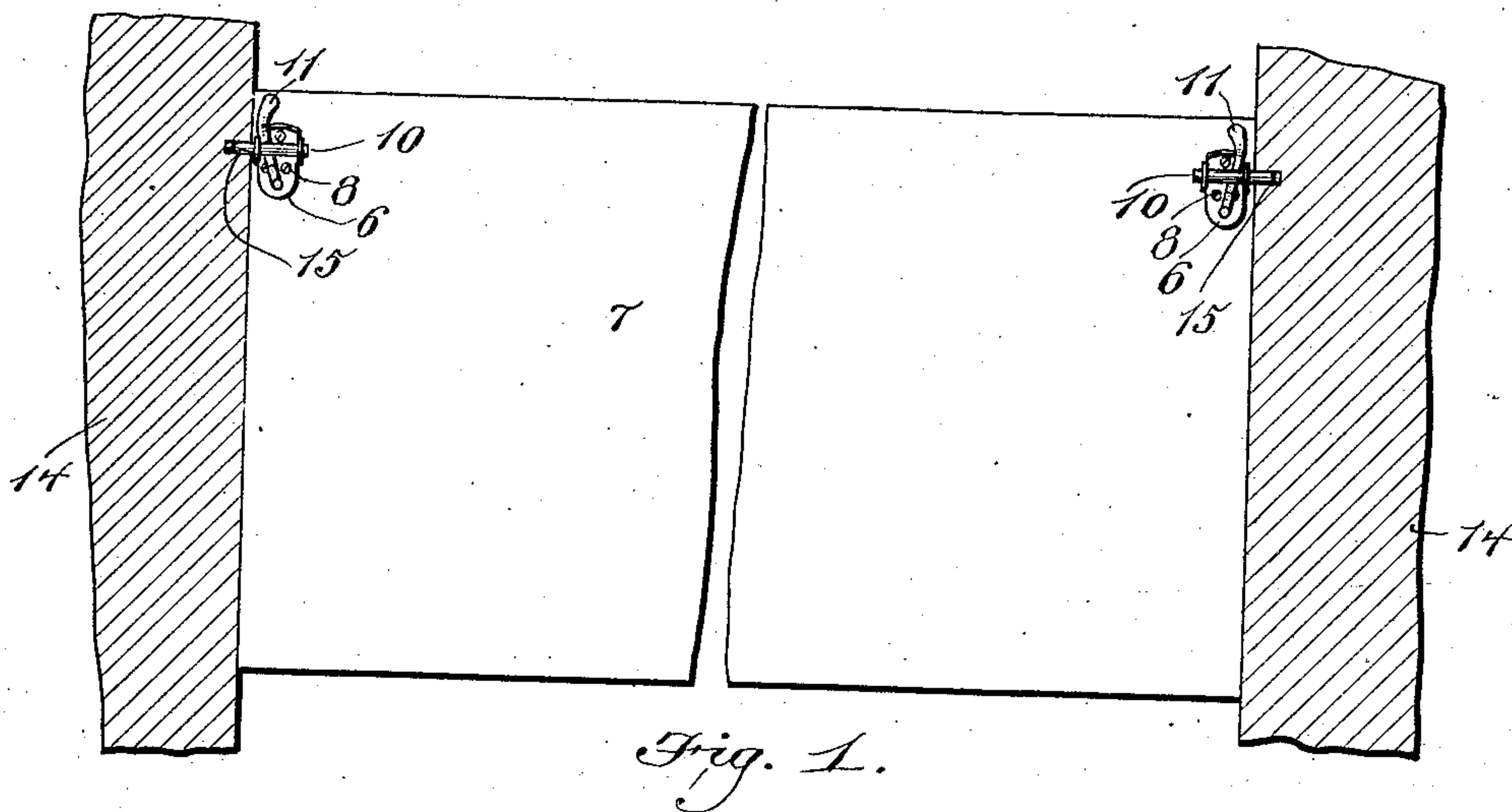


No. 845,503.

PATENTED FEB. 26, 1907.

G. ANDERSON.
FASTENING AND PIVOT FOR PIANO FRONT BOARDS.
APPLICATION FILED JUNE 14, 1906.



Witnesses
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GUST ANDERSON, OF CHICAGO, ILLINOIS.

FASTENING AND PIVOT FOR PIANO FRONT BOARDS.

No. 845,503.

Specification of Letters Patent.

Patented Feb. 26, 1907.

Application filed June 14, 1906. Serial No. 321,654.

To all whom it may concern:

Be it known that I, GUST ANDERSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Fastenings and Pivots for Piano Front Boards, of which the following is a specification.

This invention is a device for pivotally attaching and supporting the front board of a piano, and comprises a frame in which is mounted a sliding bolt actuated by a lever having a spring-catch to hold the same in either position, and in its application to pianos the device is attached to the front board at the upper corners thereof, in such position that the bolts can be advanced into holes bored in the pilasters or the side frames of the piano.

In the accompanying drawings, Figure 1 is a rear view of the front board of a piano, showing the application of the device thereto. Fig. 2 is an enlarged front view of the device. Fig. 3 is an edge view.

In piano constructions it is desirable that the front frame or board be attached in the case pivotally, so that it will swing in and out, and also that a connection be produced which will allow the convenient detachment and removal of the front board, as during a tuning operation. The present invention is designed particularly for this use, but is not limited thereto.

The device consists of a plate 6, which in Fig. 1 is shown attached to the front board 7 by screws 8. At opposite side edges the plate has perforated ears 9 struck up therefrom, and a bolt 10 slides in the holes in said ears as guides. The bolt is operated by

means of a lever 11, which is pivoted at 12 to the base-plate and extends across through a notch in the under side of the bolt and thence in spring-contact with an upturned flange 13 at the upper end of the plate. This flange has a lug 13^a at the middle. The lever is made of spring metal and when moved from one side to the other will snap down over the end of the lug, which thus holds the lever and bolt in the position in which they are set, thereby preventing any accidental movement thereof. The lever is made of flat spring metal bent to convenient and proper shape to perform the functions indicated. The pilasters of the piano are indicated at 14, and the bolts of the devices may be advanced into holes 15 bored to receive them. The bolts thus form pivots at the top of the front board, on which said board can swing in or out, and also form detachable means for holding said front board in place.

I claim—

In a piano-case, the combination with side posts having opposite holes therein, and a swinging front board therebetween, of fastening and pivot devices at opposite edges of the board, comprising plates secured to the board opposite said holes and having guides, bolts slidable in the guides into or out of said holes, said bolts being round to form pivots for the front board, and means to fasten the bolts in either position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GUST ANDERSON.

Witnesses:

WILLIAM JOHNSON,
CARL S. GUSTAFSON.