

L. M. SPRINGER.
COMBINATION HEM AND BIAS FOLD GAGE.
APPLICATION FILED MAY 18, 1908.

905,382.

Patented Dec. 1, 1908

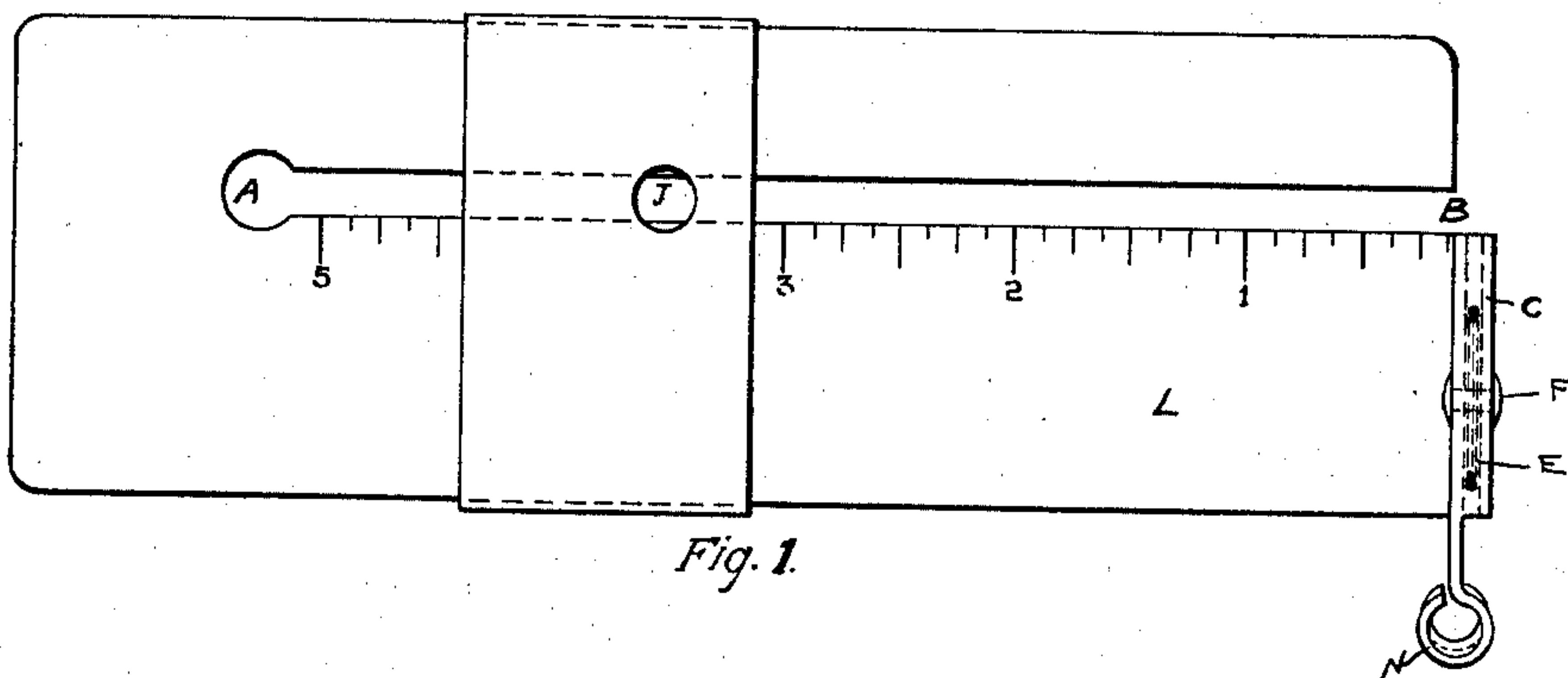


Fig. 1.

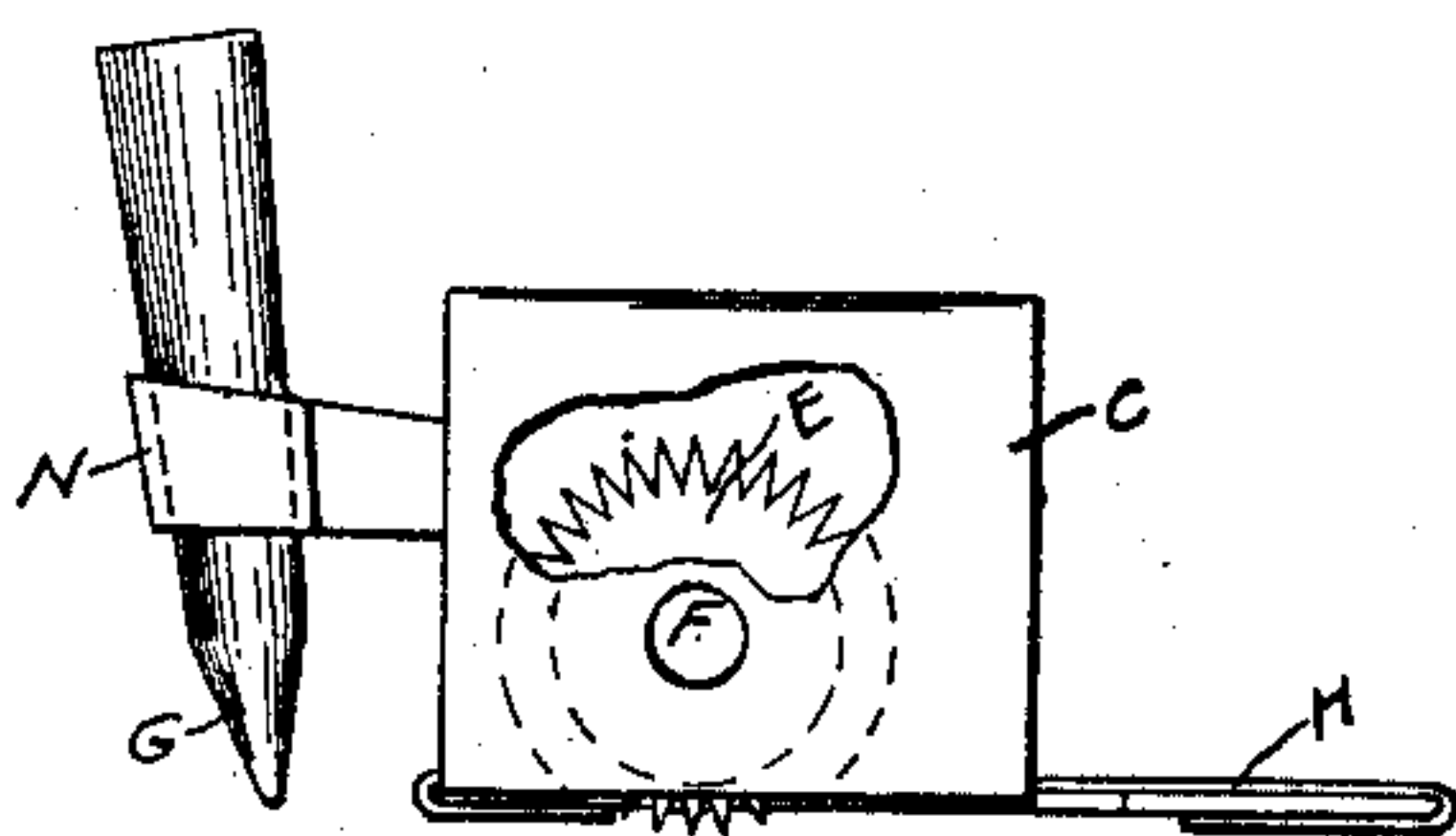


Fig. 2.

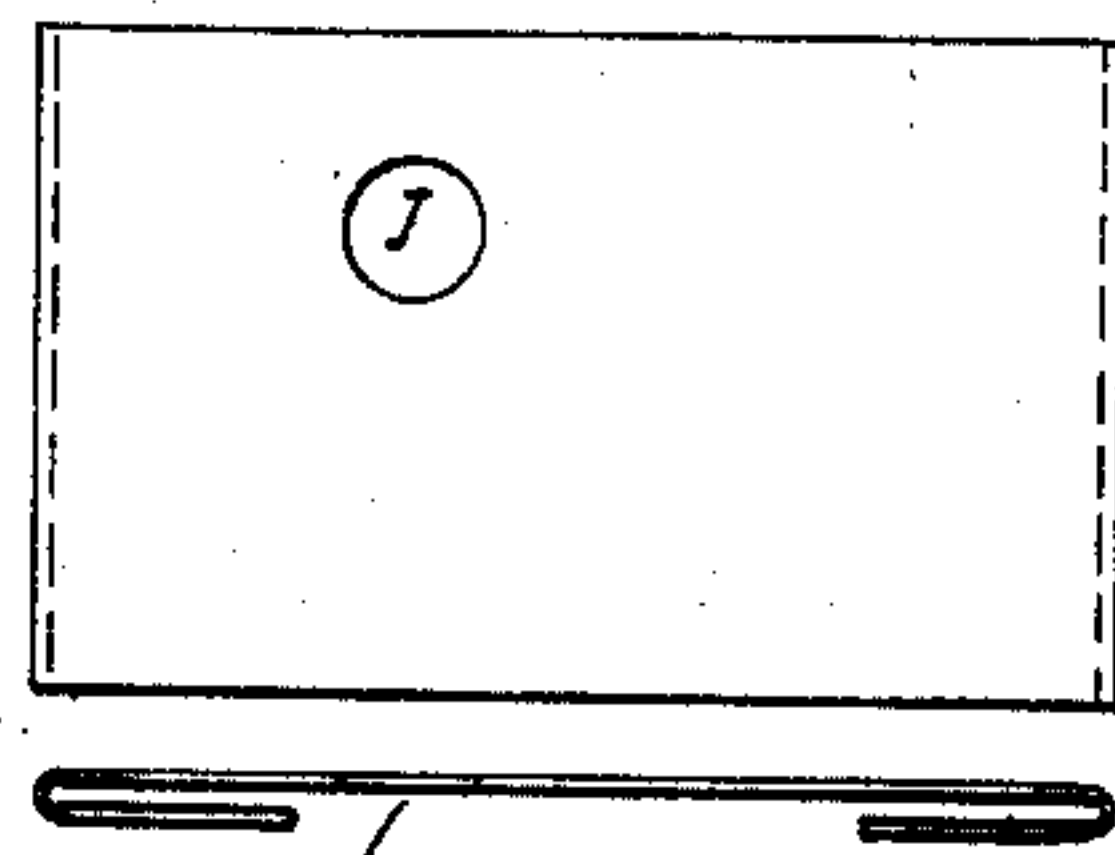


Fig. 3.

Fig. 4.

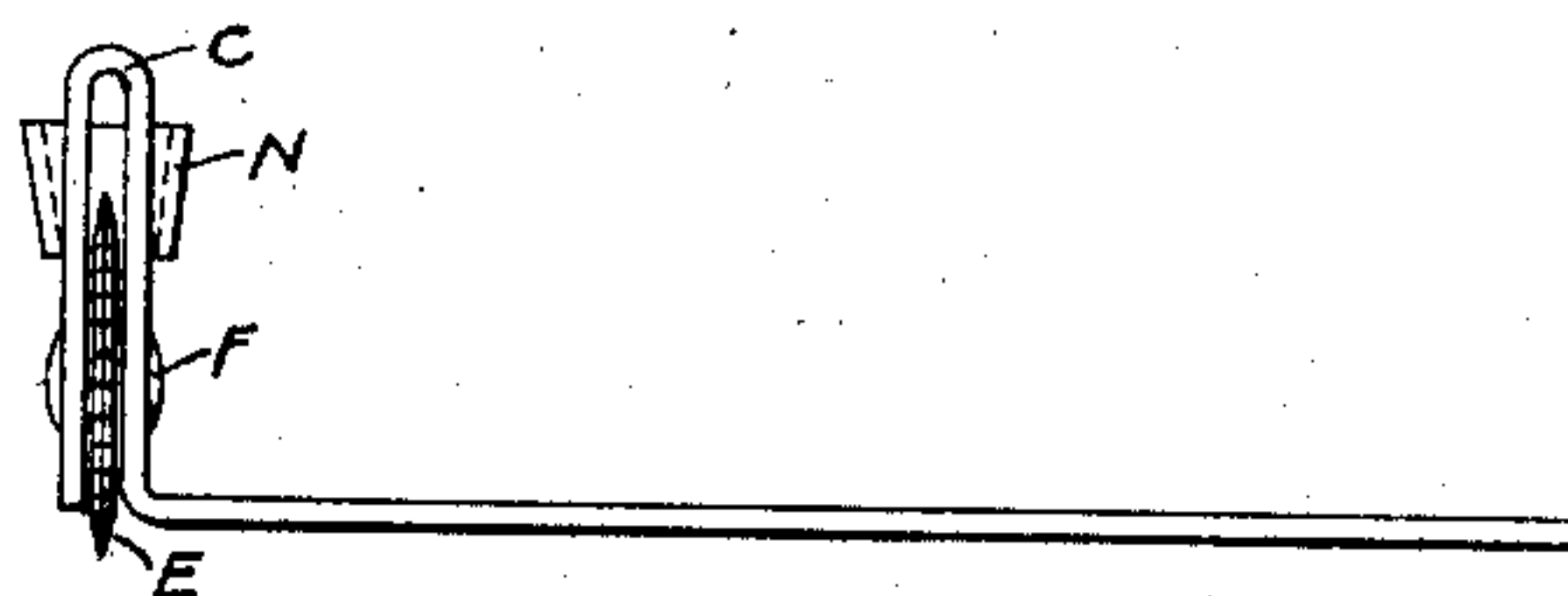


Fig. 5.

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UNITED STATES PATENT OFFICE.

LOTTA M. SPRINGER, OF SPOKANE, WASHINGTON.

COMBINATION HEM AND BIAS-FOLD GAGE.

No. 905,382.

Specification of Letters Patent.

Patented Dec. 1, 1908.

Application filed May 18, 1908. Serial No. 433,396.

To all whom it may concern:

Be it known that I, LOTTA M. SPRINGER, a citizen of the United States, residing at Spokane, in the county of Spokane and State of Washington, have invented a certain new and useful Device in the Matter of a Combination Hem and Bias-Fold Gage; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is to provide a device simple in construction, efficient and well adapted to the purpose to which it is designed: that of measuring and gaging hems, bias folds or bands and also gaging the bottom of skirts while on the person, to be used by seamstresses in general.

With these and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be hereafter more particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a diagrammatic plan view of the device. Fig. 2 is an end view, showing the position of the tracing wheel and colored crayon in position for use in the marking of cloth or material. Figs. 3 and 4 show the side, top and end views respectively. Fig. 5 shows a side view of the instrument, with wheel in position for marking cloth.

Referring more particularly to the drawings, Fig. 1 denotes a flat piece of metal; A—B is a slot therein, with an ordinary scale on one side thereof; C shows a prolongation of one side of the flat piece of metal bent up at right angles to the main part and returning downward making a wheel post and pencil holder, more particularly shown in Fig. 2. Fig. 2 shows an end view of the part, C, referred to in Fig. 1, with the teeth of marking wheel, E, projecting below the plate; F, shows rivet holding marking wheel in position; G, shows colored pencil or chalk in position for marking cloth; H, shows slide used in gaging width of hem. Fig. 3, J shows slide and opening or pencil hole in same which falls directly over the slot A—B in Fig. 1. Fig. 4 shows end view of slide.

To use the instrument, first adjust the slide at any desired point on scale, then insert material in slot, take the wheel post in the right hand and roll the instrument to

the right, pressing the wheel firmly against the material so as to insure a clear impression. Crease goods at point of tracing and thus have a true and uniform hem or fold. 60

In using the instrument for marking on woolen goods, or colored goods, that will not show the impression made by the wheel, a colored crayon is inserted in the pencil holder on the right side of the wheel post and the mark made by pressing wheel post firmly against the cloth and drawing same to the right as before. As a marker for the bottom of skirt while on the person, insert pencil in the hole in slide with the point projecting through the slot in the main plate thereof, then, with the bottom of the skirt resting on the floor, place the gage, with the wheel post as a rest, upon the floor. Hold gage in the right hand and with the left hand press the skirt against the pencil, going entirely around the skirt in this manner. The skirt will then be evenly marked around the bottom. 70 75

If it is desired to baste a bias fold on the bottom of the skirt, after the length is adjusted as above described, place the gage in position to indicate the desired width for the bias fold and mark as before. 80

Having thus fully described my invention I claim:— 85

1. A combination hem and bias fold gage, consisting of a body with a longitudinal slot therein and with an ordinary inch scale on one side thereof, said slot being used to guide said instrument and for the passage of the cloth; a slide fitting over said body for use in adjusting the width of the hem or bias fold for guiding the cloth in its passage through the slot; a wheel post at one end of and at right angles to said body with a tracing wheel incased therein. 90 95

2. A body with a longitudinal slot therein and an ordinary inch scale on one side of said slot; a slide working over said body and to be used in connection with said scale having a pencil hole therein registering with said slot; a wheel post consisting of a prolongation of the scale side of said main body and bent over at right angles thereto, having a tracing wheel incased therein; with a pencil or crayon holder projecting from the side of said wheel post. 100 105

3. In a seamstress's hem and bias fold gage a body with longitudinal slot therein; a slide incasing said body and at right angles to said slot, said body being provided with 110

an ordinary inch scale on one side of said
slot; a wheel post at one end of and at right
angles to said body; tracing wheel incased
in and held in position by rivet in said
5 wheel post and projecting from the edge
thereof.

In testimony whereof, I have hereunto set

my hand in the presence of two subscribing
witnesses this 12 day of May, 1908.

LOTTA M. SPRINGER.

Witnesses:

DAVID EMERSON,
GRACE E. WHITE.