

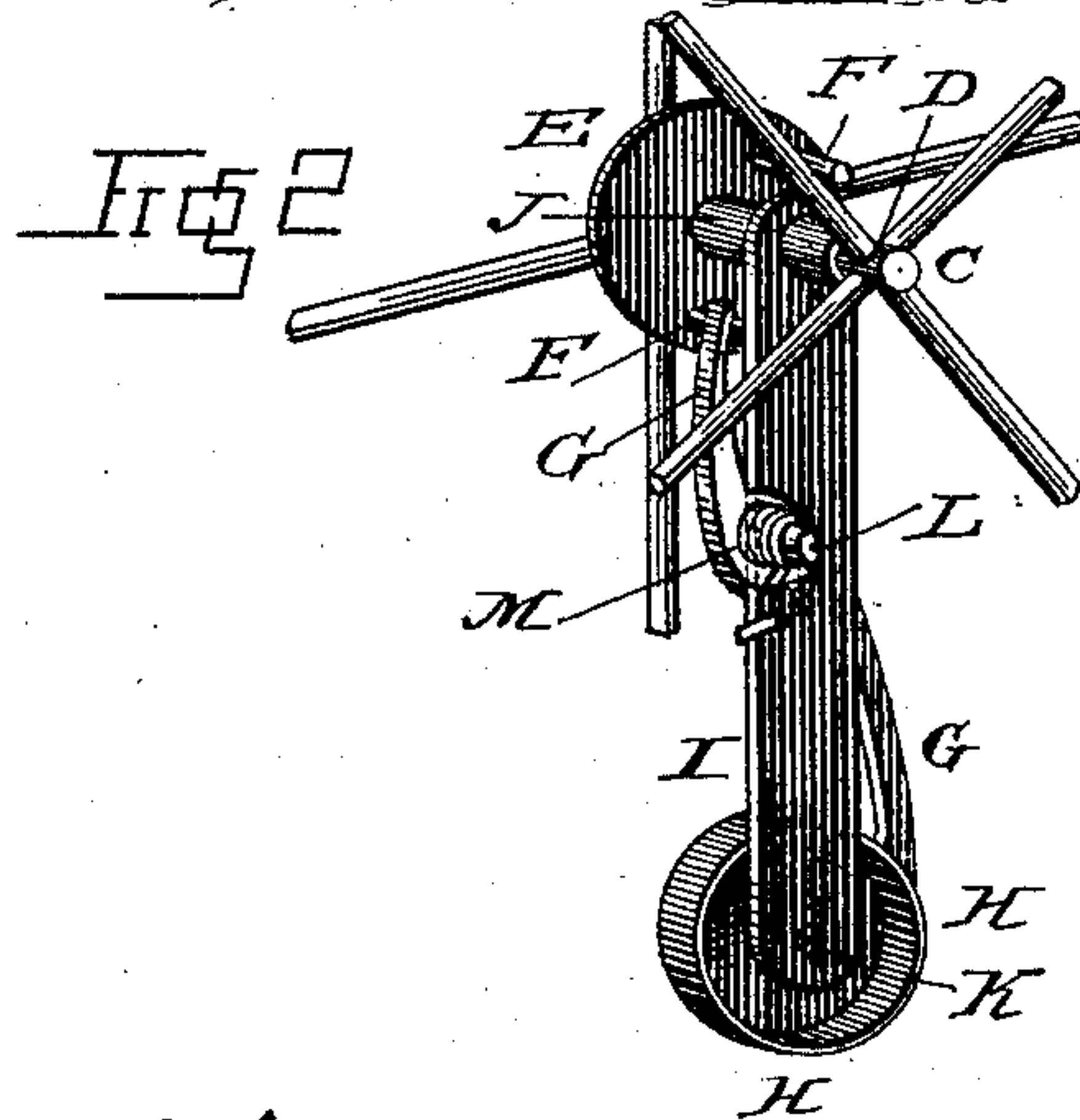
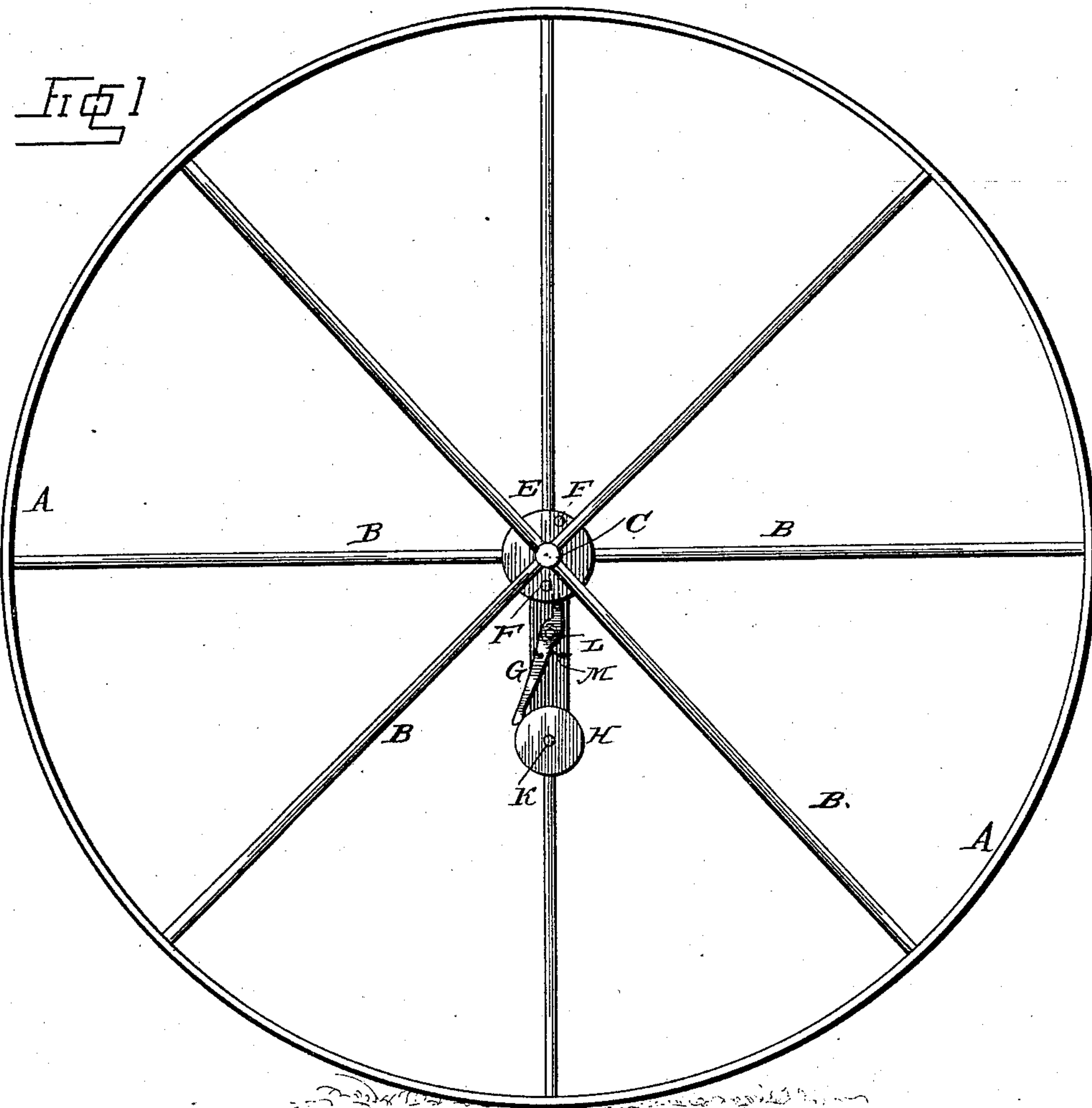
(No Model.)

G. LAYNG.

TRUNDLE.

No. 285,416.

Patented Sept. 25, 1883.



WITNESSES:

*Wm. L. Dietrich*  
*Jno. G. Hinkel*

*George Layng*  
INVENTOR.  
*By A. Peterson & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

GEORGE LAYNG, OF WORCESTER, MASSACHUSETTS.

## TRUNDLE.

SPECIFICATION forming part of Letters Patent No. 285,416, dated September 25, 1883.

Application filed February 10, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE LAYNG, of Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and  
5 useful Improvements in Trundles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to  
10 reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side view of my improved trundle or hoop, and Fig. 2 is a detail view of the  
15 same.

Similar letters of reference indicate corresponding parts in both the figures.

My invention has relation to trundling-hoops; and it consists in the improved construction  
20 and combination of parts of the same, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A represents the hoop, which is provided with  
25 brace rods or spokes B, crossing each other at right angle, two at each end of a short central axle, *c*, and passing diametrically across from one side of the hoop to the other. These  
30 braces pass through perforations D at the ends of the axle C at right angles to each other, one outside the other, and thus serve to secure the axle in the center, the perforations at one end of the axle being at an angle of forty-five  
35 to eight equidistant places upon the inside of the hoop. A disk, E, is fastened upon the axle, inside the braces, and is provided with two or more projecting lugs or pins, F, adapted to engage and operate a spring-actuated  
40 hammer, G, which strikes a bell, H, suspended by an arm, I, from the shaft. The inner end of this arm is provided with a sleeve, J, which turns upon the axle, and the bell is fastened to the lower end of the arm upon a laterally-  
45 extending lug, K, and serves by its weight to

keep the arm pending in a vertical position when the hoop is propelled, the axle turning in the sleeve J. The hammer is pivoted upon a laterally-projecting stud, L, upon the side of the arm, and a spiral spring, M, is wrapped  
50 around the stud and fastened at one end to the hammer, and at the other end to the arm, so that it will force the lower end down upon the bell when the upper end has been engaged and released by one of the studs F upon the  
55 disk. In this manner it will be seen that the bell will be struck as the hoop revolves when propelled, the bell and arm remaining in a vertical suspended position by their weight.

Having thus described my invention, I claim  
60 and desire to secure by Letters Patent of the United States—

1. In a hoop or trundle, the combination of the hoop A, having diametrically-extended  
65 braces B, passing through perforations D in the ends of the axle C, with a bell, H, suspended vertically from the axle C, and means for striking it, as and for the purpose shown and set forth.

2. In a hoop or trundle, the combination of  
70 the hoop A, having four diametrically-extended braces, B, passing through perforations D in the ends of the short axle C, two at each end, crossing each other at right angles, and the two at one end of the shaft being at  
75 angles of forty-five degrees with those at the other end, disk E, fastened upon the shaft and having studs F, and arm I, having sleeve J at its upper end, bell H at its lower end, and  
80 hammer G, pivoted upon stud L, and having spiral spring M, as and for the purpose shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

GEORGE LAYNG.

Witnesses:

J. HENRY HILL,  
HENRY C. RICE.