

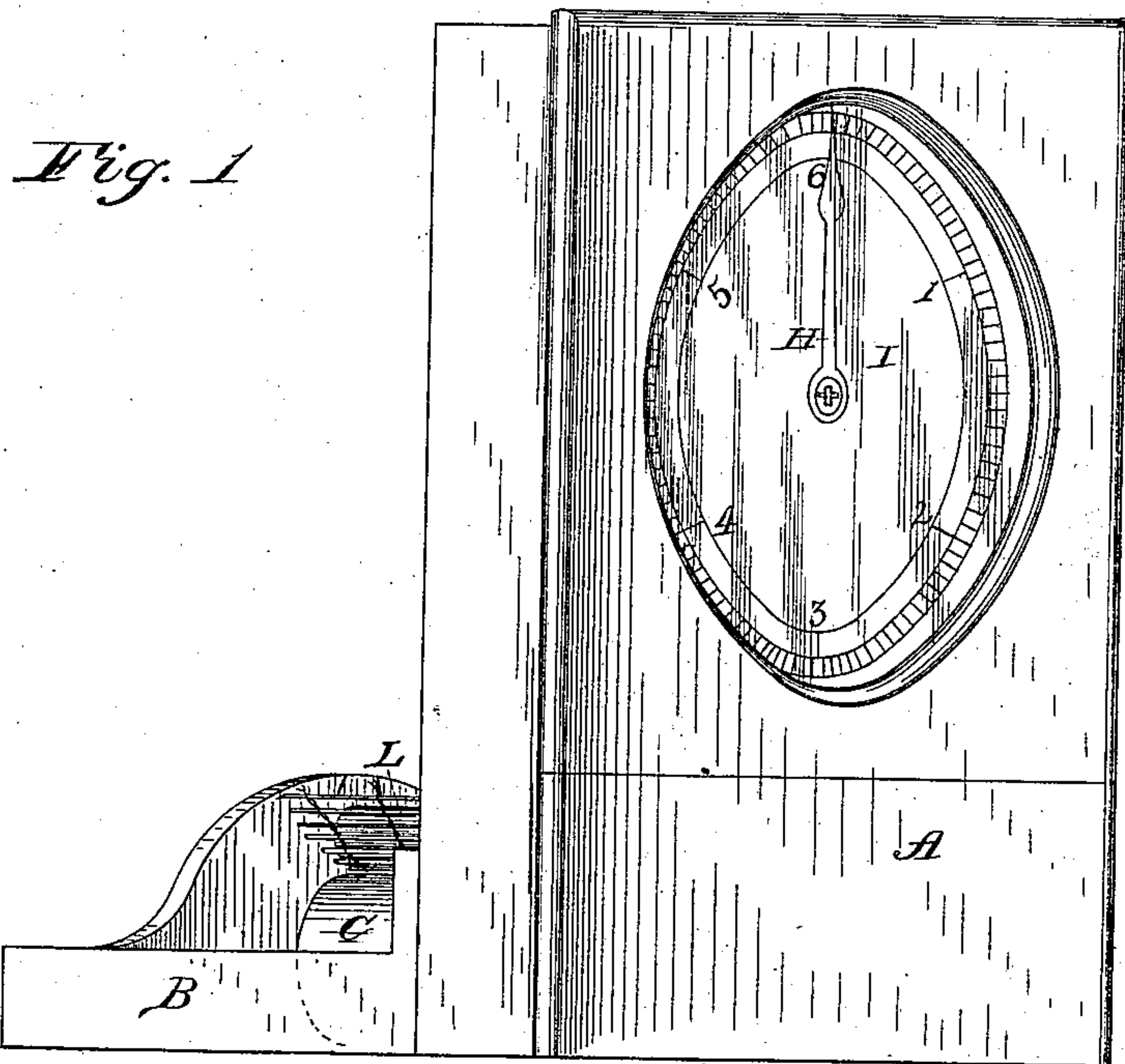
(No Model.)

S. D. LINDSAY.

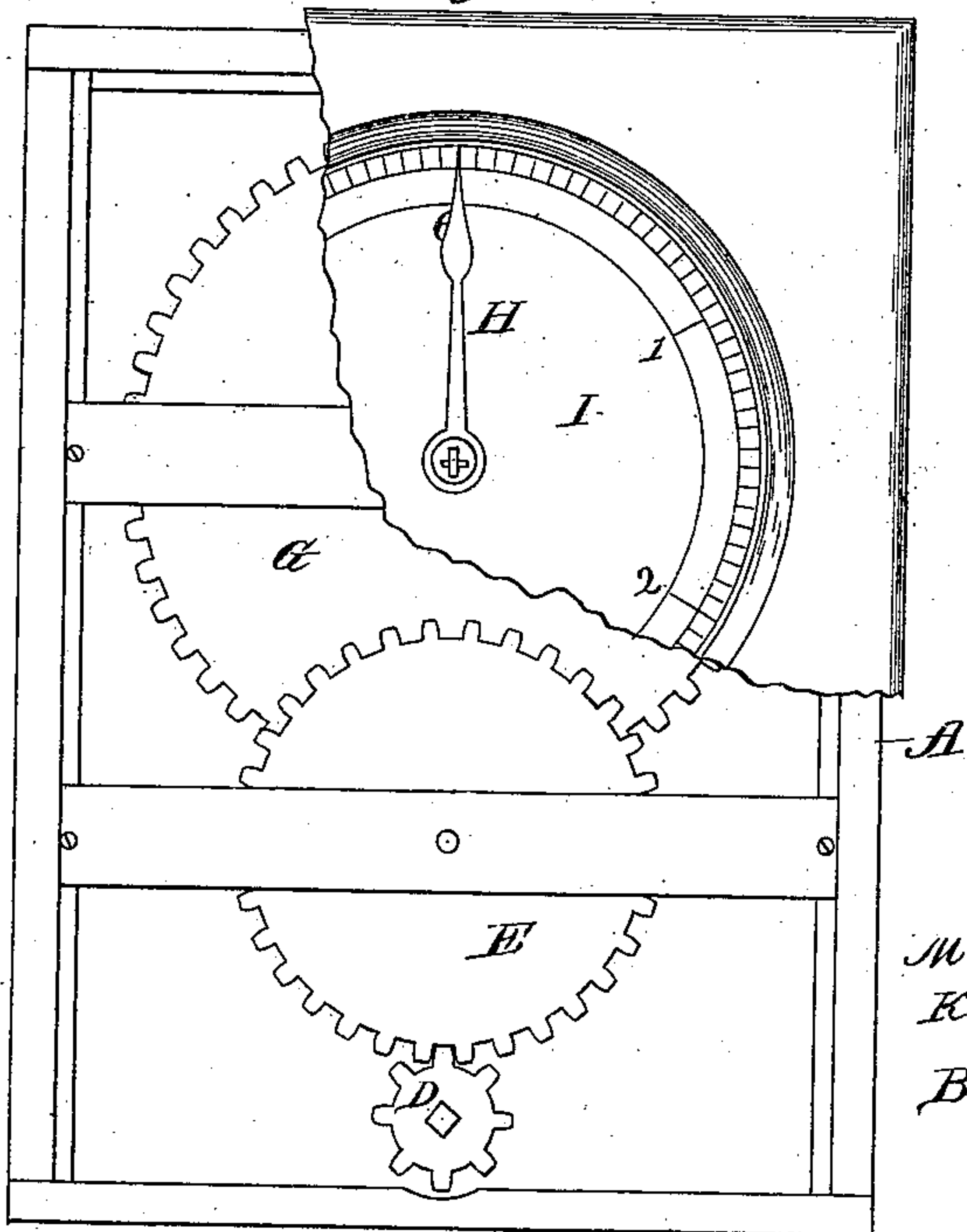
# REGISTER FOR MEASURING WIRE FENCING.

No. 333,137.

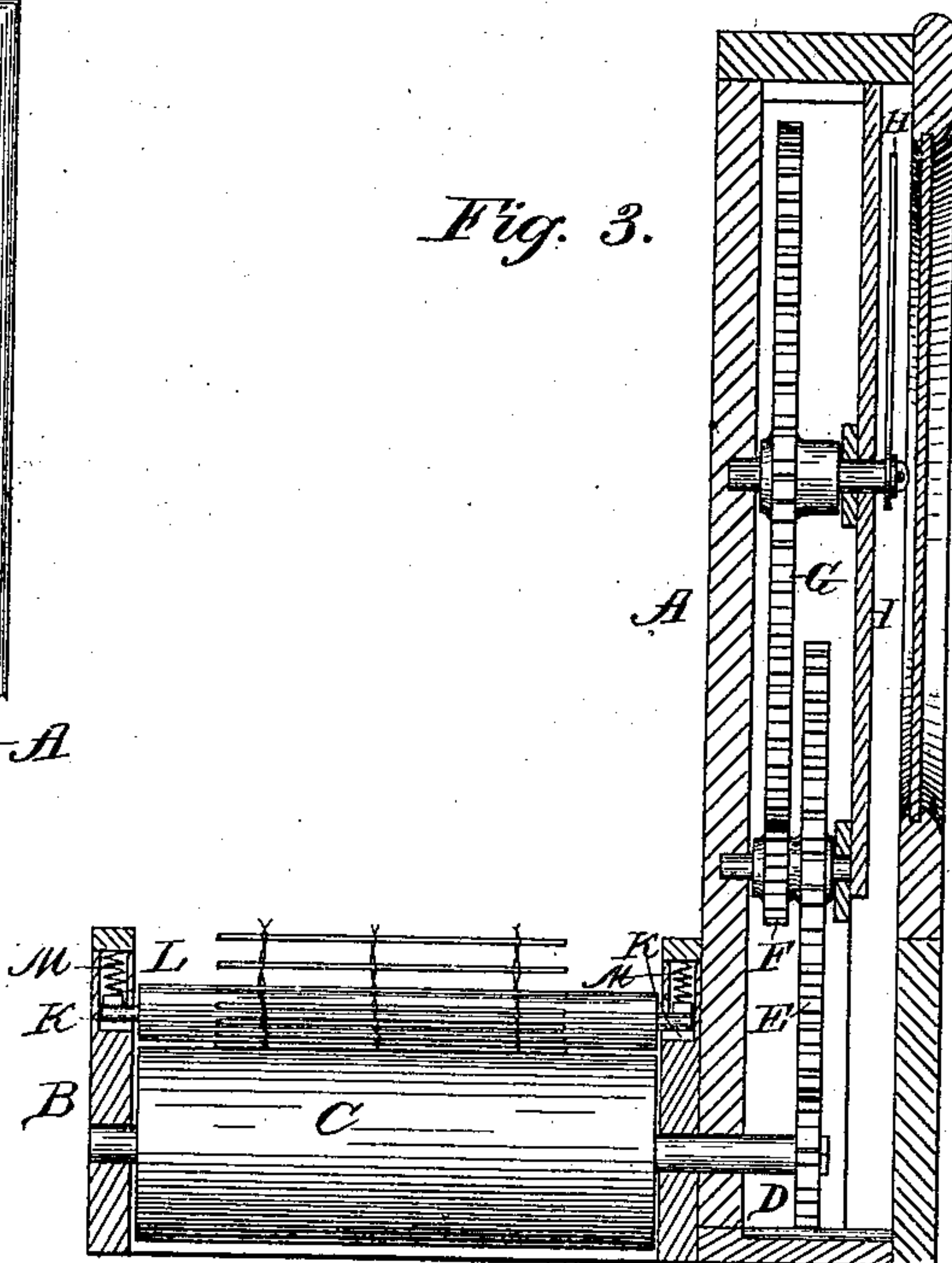
Patented Dec. 29, 1885.



*Fig. 2.*



*Fig. 3.*



**WITNESSES**

Percy C. Boren.  
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INVENTOR

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# UNITED STATES PATENT OFFICE.

SAMUEL DAVID LINDSAY, OF JACKSONVILLE, ILLINOIS.

## REGISTER FOR MEASURING WIRE FENCING.

SPECIFICATION forming part of Letters Patent No. 333,137, dated December 29, 1885.

Application filed June 15, 1885. Serial No. 168,733. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL D. LINDSAY, a citizen of the United States, residing at Jacksonville, in the county of Morgan and State of Illinois, have invented a new and useful Improvement in Registers for Measuring Wire Fences, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improvement in registers for measuring wire fences; and it consists in the peculiar construction and combination of devices, that will be more fully set forth hereinafter, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of a register embodying my invention. Fig. 2 is a front elevation of the same, with part of the face of the case removed so as to disclose the interior gearing. Fig. 3 is a vertical transverse sectional view.

A represents a vertical case, from the rear lower side of which projects a horizontal frame, B.

C represents a roller, which is journaled transversely in the frame B and has one end of its shaft projecting into the case A centrally, and near the lower end thereof. A spur-pinion, D, is fixed to the projecting end of the shaft of the roller, and meshes with a large spur-wheel, E, which is journaled above said pinion. On the shaft with the wheel E is a spurred pinion, F, which meshes with a large spur-wheel, G. One end of the shaft of the wheel G projects through the face of the case A, and has a hand, H, which sweeps over the dial I. On this dial is inscribed a circular scale indicating six rods, subdivided each into sixteen and one-half spaces, indicating feet. The roller C and the gear-wheels are so constructed and are of such a size that four revolutions of the roller move the wheel G through one-sixth of a revolution, and thus cause the hand to move through a space on the scale corresponding to one rod.

Journaled in bearings K on the frame B is a small roller, L, that bears normally against the upper side of the roller C. Springs M bear downwardly upon the ends of the shaft of the roller L, so as to cause said roller to bear with considerable force upon the roller C.

The operation of my invention is as follows: The indicating-hand is at its initial position when pointing to the figure 6 at the top of the scale. The slat or woven-wire fencing to be measured while being made into a roll of the standard length for the market is inserted between the rollers L and C, and as the wire fencing is drawn along the pressure of the roller L upon it causes the wire fencing, by frictional contact with the roller C, to rotate the latter, as will be very readily understood. The motion of the roller is imparted to the hand through the train of gear-wheels hereinbefore described, and moves the hand over the dial. When the hand reaches the figure 6, it indicates that six rods (the usual length of rolls of wire fencing) have been wound in the roll, and the wire fencing is then cut and a new roll proceeded with, as before. The pressure of the roller L on the upper side of the wire fencing is such as to effectually prevent the fencing from slipping between the rollers without causing the roller C to rotate, and thus insures accurate measurement of the wire fencing.

A measuring-register thus constructed is exceedingly efficient and accurate, is cheap and simple, and by its use wire fencing may be rapidly measured as it is being formed into rolls preparatory for shipment to market.

Having thus described my invention, I claim—

The register composed of the vertical case A, having the horizontal frame B, and the dial, the spurred wheel G on a shaft journaled in the vertical case and having the indicating-hand, the shaft having the pinion F, meshing with wheel G and the wheel E, the roller C, journaled in the horizontal frame and having the pinion D, meshing with wheel E, and the roller L, journaled in slotted openings in frame B and bearing on roller C, and the springs M, bearing on blocks on the spindles of roller L, substantially as described.

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

SAMUEL DAVID LINDSAY.

Witnesses:

JULIAN P. LIPPINCOTT,  
WM. A. KIRBY.