# H. Holt,
## Hand Stamp.

No 52169. Patented Jan. 23. 1866.

Fig. 1

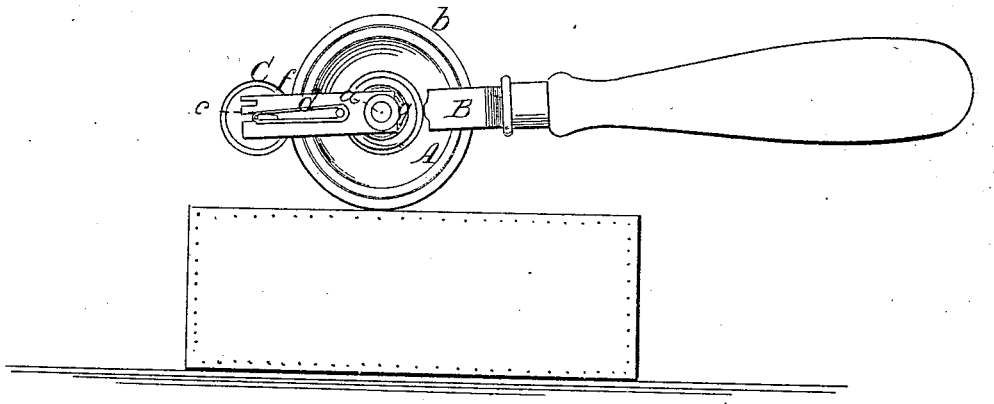
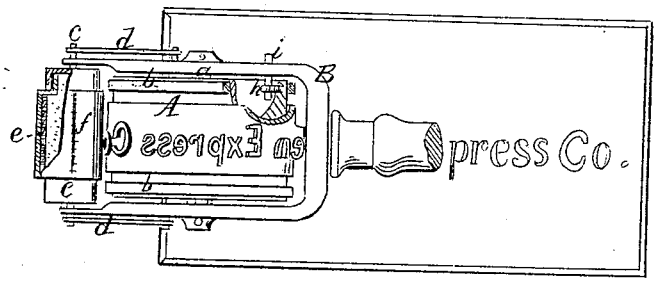



Fig. 2.




Witnesses.

M. M. Livingston
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# UNITED STATES PATENT OFFICE.

HORACE HOLT, OF BROOKLYN, NEW YORK.

## MARKING-WHEEL.

Specification forming part of Letters Patent No. **52,169**, dated January 23, 1866.

*To all whom it may concern:*

Be it known that I, HORACE HOLT, in the city of Brooklyn, county of Kings, and State of New York, have invented a new and Improved Marking-Wheel; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a side elevation of this invention. Fig. 2 is a sectional plan or top view of the same.

Similar letters of reference indicate like parts.

This invention consists in a revolving type-wheel arranged in a suitable handle, in combination with an ink-roller, in such a manner that by carrying said type-wheel over the cover of a box or over any other surface the types on said wheel produce an impression, and the marking of a box or other article can be effected neatly and distinctly with little loss of time.

The ink-roller is composed of a hollow cylindrical reservoir perforated with small holes and surrounded by a strip of cloth or other absorbent material, so that the same is capable of holding a supply of ink for a large number of impressions. The type-wheel is provided with yielding rims or flanges made of india-rubber or other elastic material, so that the types can be depressed on the surface to be marked with the requisite force to produce the desired impression, and a coiled or other spring is applied to said type-wheel in such a manner that it carries the same back after each impression to the starting-point, and thereby the types are brought in contact with the ink-roller and supplied with the requisite quantity of ink for the subsequent impression, and, furthermore, the type-wheel readjusts itself in the required position for starting.

A represents a wheel, made of cast-iron or other suitable material, and arranged so that the desired types can be applied to or inserted in its periphery, either permanently by means of a strip of copper or other suitable material or so that said types can be changed at pleasure. This type-wheel is mounted on an axle, *a*, which has its bearings in a forked handle, B, and it is provided with projecting flanges *b*, made of india-rubber or other soft and elastic material, so that by pressing the wheel down upon the surface to be marked the types are brought in contact with said surface with the requisite force to produce the desired impression.

As the wheel revolves, the types on its circumference come in contact with the surface of the ink-roller C, which is mounted on an axle, *c*, having its bearings in the extreme ends of the forked handle B. Suitable springs *d* draw the ink-roller toward the type-wheel, and by disconnecting said springs the ink-roller can be removed from its seat. Said ink-roller may be made solid, similar to ordinary printers' rollers; but I prefer to make the same of a hollow cylindrical reservoir, *e*, to which access can be had by removing one of its heads. This reservoir is perforated with a large number of small holes, and it is surrounded by a strip, *f*, of cloth or other absorbent material. By these means a large supply of ink can be carried in the roller, and the marking-wheel produces a number of impressions before it is necessary to recharge the same.

A spring, *g*, applied to the axle of the wheel A, (see Fig. 1,) carries the same back until the stud *h* in the wheel comes in contact with a pin, *i*, projecting from the inner surface of the forked handle. By this stud and pin the starting-point of the wheel is defined and by the action of the spring the wheel is carried back to this starting-point after each operation. In moving back, the types, being in contact with the ink-roller, are supplied with the requisite quantity of ink for the subsequent operation. It is obvious that the starting-point of the type-wheel can be determined by other means besides the stud *h* and pin *i*.

By this simple device a large number of boxes or other packages can be marked neatly and distinctly with great dispatch.

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

1. The combination of the type-wheel A, inking-roller C, and ink-reservoir *e*, all constructed, arranged, and operating as specified.

2. The yielding flanges *b* on type-wheel A, constructed and operating substantially as and for the purpose described.

3. The spring *g*, applied in combination with the type-wheel A, stud *h*, and pin *i*, or their equivalents, substantially as and for the purposes set forth.

HORACE HOLT.

Witnesses:

M. M. LIVINGSTON,

WM. F. MCNAMARA.