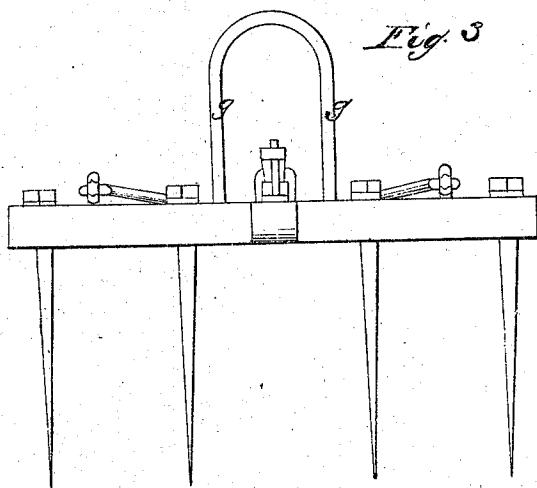
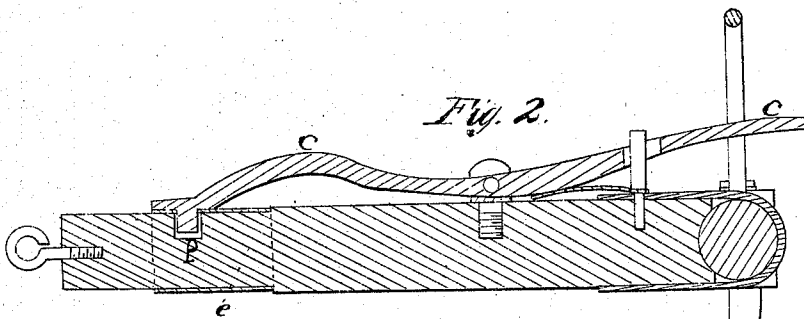
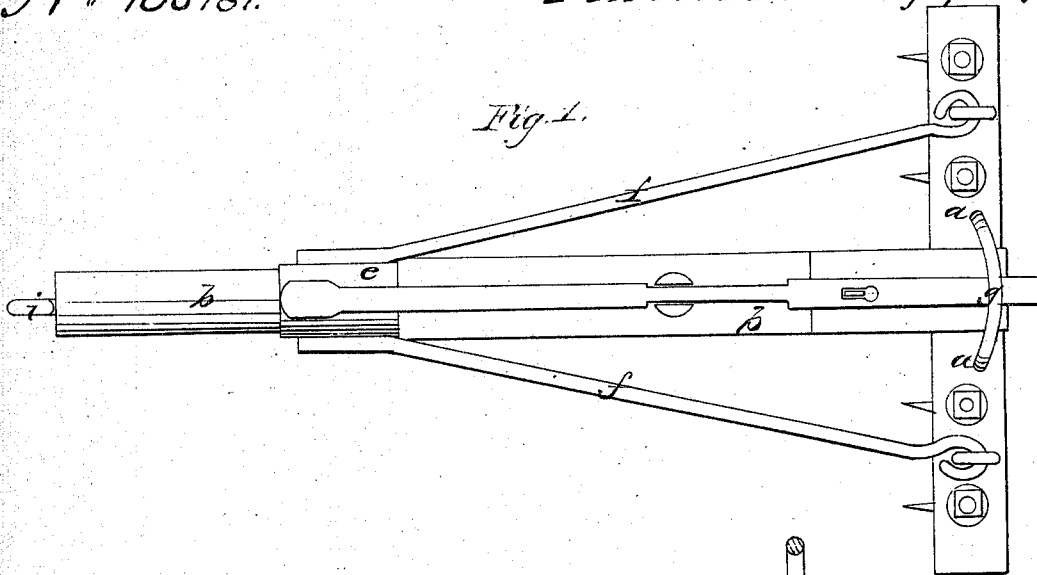


*T. F. Longaker.*  
*Stable Fork.*

*N<sup>o</sup> 106181.*

*Patented Aug. 9 1870.*



*Witnesses.*

*John A. Ryan*  
*W. H. Gesler.*

*Inventor.*

*Thomas F. Longaker*

# United States Patent Office.

THOMAS F. LONGAKER, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 106,181, dated August 9, 1870.

## IMPROVEMENT IN STABLE-CLEANER.

The Schedule referred to in these Letters Patent and making part of the same

*To all whom it may concern:*

Be it known that I, THOMAS F. LONGAKER, of the city of Philadelphia, county of Philadelphia, in the State of Pennsylvania, have invented a new and improved Stable-Cleaner for removing the manure from the stables; and I do hereby declare that the following is a full and exact description thereof, reference being had to accompanying drawing and to the letters of reference marked thereon.

Figure 1 shows main perspective of the implement.

Figure 2 shows transverse section of cross-bar, with teeth and handle.

Figure 3 shows section of tongue, with socket or band, also spring, with nose or lug fitting into orifice or band.

The form and nature of my invention consists of a hook, scraper, or brush, made by fastening securely teeth, a scraper, or brush, to a revolving head, A, attached to a tongue, B, or bar, to which power is intended to be applied, I.

Fastened to the top of this tongue is a spring, C, with a nose, D, or lug, attached, working in an orifice or aperture, *h*, in band or tongue B, said spring projecting beyond the said revolving head or cross-bar, forming a hold or catch for working the same.

Attached to the said head or cross-bar is a handle, G, for the convenience of setting or handling the implement.

What I claim as my invention, and desire to secure by Letters Patent, is—

The band E, tongue B B, handles *g g*, the spring C C, and the diagonal supports *f f*, fastened to head or cross-bar *a* and to band E, arranged and operating as herein-described.

THOMAS F. LONGAKER.

Witnesses:

JOHN A. RYAN,  
W. H. GESSLER.