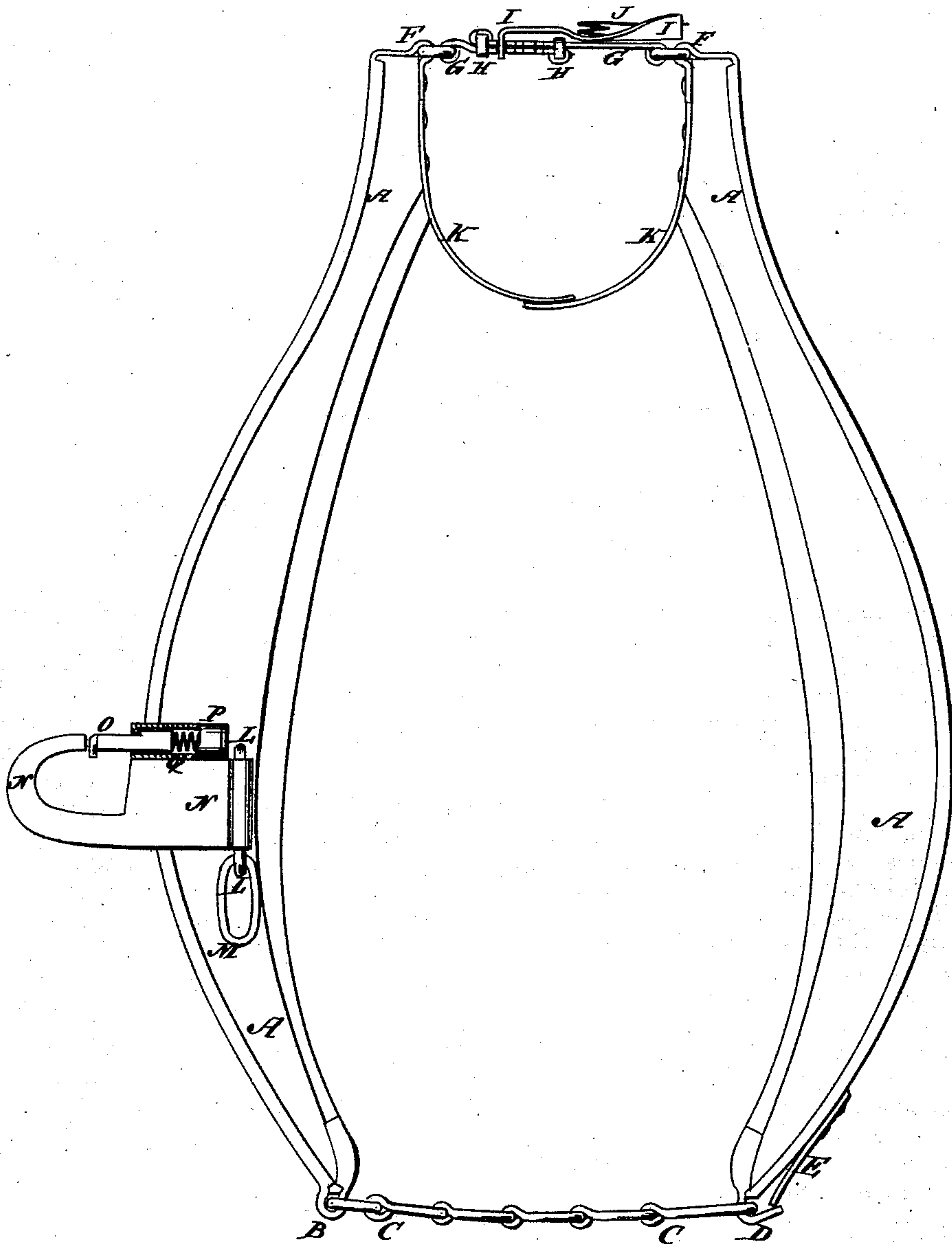


L. J. MINTON.

Harnes.

No. 156,033.

Patented Oct. 20, 1874.



WITNESSES:

E. Wolff
O. Sedgwick

INVENTOR:

L. J. Minton
BY *Munnell*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

LIBERTY JOHNSON MINTON, OF NORBORNE, MISSOURI.

IMPROVEMENT IN HAMES.

Specification forming part of Letters Patent No. **156,033**, dated October 20, 1874; application filed December 13, 1873.

To all whom it may concern:

Be it known that I, LIBERTY J. MINTON, of Norborne, in the county of Carroll and State of Missouri, have invented a new and useful Improvement in Hames, of which the following is a specification:

The figure is a front view of my improved hames.

My invention has for its object to furnish improved hames, which shall be simple in construction, light, strong, and durable, easily adjusted, fastened, and unfastened.

The invention will first be fully described, and then pointed out in the claim.

A are the hames. B is an eye attached to the lower end of one of the hames, and to which the end of a chain, C, is secured. The other end of the chain C is hooked upon a hook, D, attached to the lower end of the other hame A. E is a spring; F, an eye and two notched straps. I is a lever, which has a thumb-piece formed upon it for convenience in operating it, and against which rests a spring, J. To the inner edge of the upper end

of each of the hames A is attached the upper end of a half-U-spring, K, the lower ends of which overlap each other, and are designed to rest upon the upper end of the collar to support the hames in place. L is a staple attached to the hames A, to receive the neck-yoke-strap ring M and the trace-hook N. O is a guard, the outer end of which rests against the point of the hook N, and the other end of which enters a socket, P, formed upon the edge of the hook N, and within which is placed a coiled spring, Q, to hold the guard O out against the end of the said hook N.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The half-U-shaped springs K K, arranged between the upper ends of hames A A, as and for the purpose set forth.

LIBERTY JOHNSON MINTON.

Witnesses:

ERWIN BARR,

E. S. GREEN.