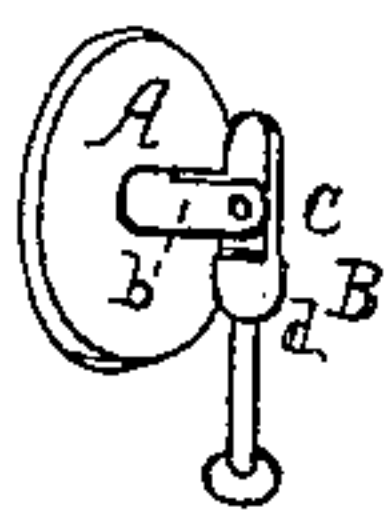


*J. P. Heiss,*  
*Button.*

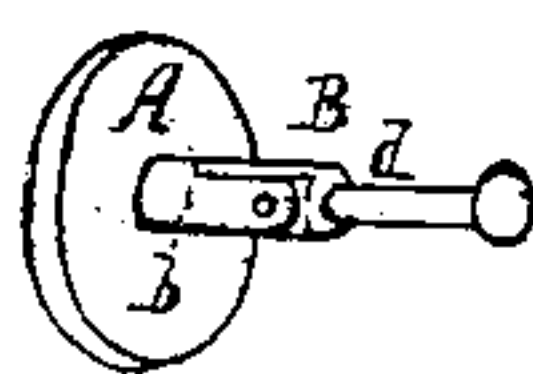
*No. 7096.*

*Patented Feb. 12. 1850.*

*Fig: 2.*



*Fig: 1.*



# UNITED STATES PATENT OFFICE.

JAS. P. HEISS, OF PHILADELPHIA, PENNSYLVANIA.

## STUD FOR SHIRT-BOSOMS.

Specification of Letters Patent No. 7,096, dated February 12, 1850.

*To all whom it may concern:*

Be it known that I, JAMES P. HEISS, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Device for Attaching Studs to Garments; and I do hereby declare that the following is a full, clear, and exact description of my invention, reference being had to the accompanying drawing, which forms part of this specification and which represents two views in perspective of a shirt-stud constructed in the manner invented by me.

My invention consists in a jointed shank or stem composed of two sections, the one of which is fixed to the back of the stud and projects perpendicularly therefrom, while the other is hinged to the former in such manner that it can be turned in line therewith to allow it to pass through an eyelet-hole made in the garment after which it is turned at right angles to the stationary piece, thus forming a T head which holds the stud to the garment.

The drawing represents a stud A with a shank B of this description. The leather consists of a stationary stem *b* projected perpendicularly from the center of the back of the stud; the outer extremity of this stem is slotted to receive one extremity of the movable section *d*; the latter is hinged near its middle *c* to the stationary part, its longer extremity is rounded in order that it may pass easily through the eyelet hole made in the garment, and its shorter extremity is flattened to fit it to the slot formed in the

outer extremity of the stationary stem *b*. The two parts or sections being so constructed that when the outer or movable piece is extended as shown at Fig. 1, it shall be in line with the fixed section thus forming a straight shank which will pass easily through a small eyelet hole; when the shank thus extended has been inserted, the outer section is turned at right angles to its first position as shown at Fig. 2, thus forming a T head which will not pass through the eyelet-hole. When the stud is to be removed from the garment the outer piece *d* must be reextended in line with the fixed stem *b* thus allowing it to be withdrawn through the eyelet hole. The corners of the flattened extremity of the movable piece *d* should be rounded to prevent them from tearing the eyelet-hole.

Having thus described the construction and operation of my improved fastening for shirt-studs, what I claim therein as new and desire to secure by Letters Patent, is—

Constructing the shank in two sections the first being fixed to and projecting from the back of the stud, and the other being hinged to the first in such manner that it can be brought in line with it or be turned across it as herein set forth, but I make no claim to the mere fastening of a stud by means of a cross bar attached to a chain, or other similar arrangement.

JAMES P. HEISS.

Witnesses:

FRANCIS BENNE,  
CHAUNCEY BUCKLEY.