

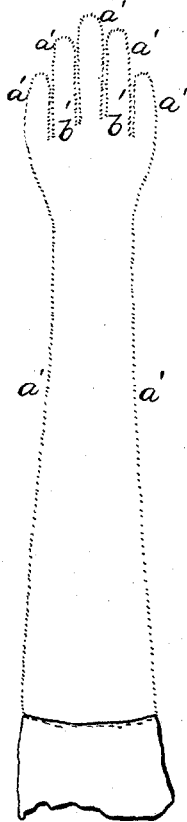
*C.F. Blakslee,*

*Doll,*

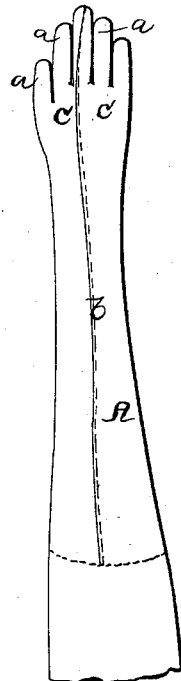
*No. 45,691.*

*Patented Jan. 3, 1865.*

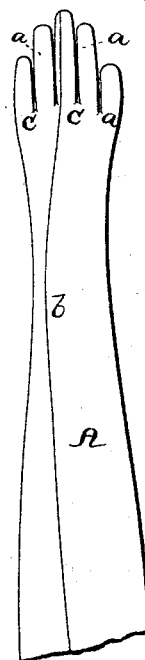
*Fig; 1.*



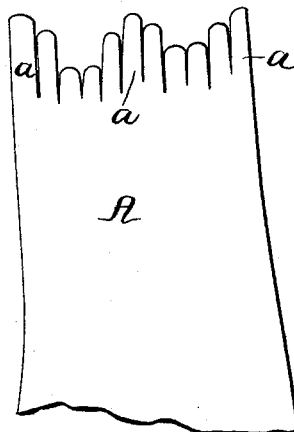
*Fig; 2.*



*Fig; 3.*



*Fig; 4.*



*Witnesses;*

*Jas. P. McNamara*

*J. P. Hall.*

*Inventor;*

*Charles F. Blakslee*

# UNITED STATES PATENT OFFICE.

CHARLES F. BLAKSLEE, OF NEW YORK, N. Y.

## IMPROVEMENT IN ARMS FOR DOLLS.

Specification forming part of Letters Patent No. **45,691**, dated January 3, 1865.

*To all whom it may concern :*

Be it known that I, CHARLES F. BLAKSLEE, of the city, county, and State of New York, have invented a new and useful Improvement in the Manufacture of Arms for Dolls; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those 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 is a view of a doll-arm as at present constructed. Figs. 2 and 3 are views of a doll-arm constructed according to my invention; Fig. 4, a view of the leather of the same, cut out and swaged or stamped, ready to be cemented at the ends or sides and filled or stuffed.

Similar letters of reference indicate corresponding parts.

This invention relates to an improvement in the manufacture of doll arms of that class in which thin soft leather is used for a covering or case, and the latter stuffed with cotton, wool, or other similar or suitable material. These arms have been hitherto made by cutting out two pieces of leather, each being the shape of a longitudinal half of the arm and hand, and sewing together the edges or sides of the two pieces all around the arm and fingers. This is attended with considerable labor, not only in the sewing, but also in the stuffing, as, the fingers being quite small, considerable time is consumed in forcing the stuffing into them. Moreover, the leather must be necessarily quite thin, (split leather being used,) in order to admit of the fingers being made perfectly in this manner, and the arms consequently are not as durable as they should be.

My invention consists in constructing the arms of thick or unsplit leather and cutting the same in a single piece instead of two pieces, as formerly, and forming the fingers by slitting, the arm above being stuffed, and connecting the edges of the leather by cement, as hereinafter fully set forth.

In the accompanying drawings, Figs. 2, 3, and 4, A represents a piece of leather cut in such a shape that when folded and the edges or ends lapped it will be of the form desired for

the arm of a doll. The piece A, before being folded, is shown clearly in Fig. 4. The piece of leather is unsplit. (Sheep-skin will be most generally used. The fingers and thumb *a* are formed by cutting longitudinal slits in the piece of leather at the proper end, which is done at the same time that the leather A is cut out. The piece of leather A, after being thus cut, is folded or bent round in tubular form, and the ends or sides lapped and secured together by common glue or any suitable cement, as shown at *b* in Figs. 2 and 3, the two parts or halves of the fingers being also cemented together.

In consequence of the leather being thick or unsplit, the fingers *a* will be sufficiently stiff without any stuffing, they being composed of two thicknesses of leather, the stiffness of which is increased or augmented by the glue or cement. The stuffing, therefore, which may be wool, cotton, or any suitable material, does not extend lower down than the points designated by *c*—the junction of the fingers with the hand.

By this mode of manufacture I obtain a very economical and durable arm for dolls. The labor of stitching or sewing is avoided altogether, as well as the tedious operation of stuffing the fingers, while the thickness of the unsplit leather, which cannot be employed with the stitching or sewing process, renders the arm exceedingly durable.

In Fig. 1 the old or present mode of manufacture is shown, *a' a'* representing the two stitched sides, and *b'* the fingers, also stitched at each side and stuffed.

I claim as new and desire to secure by Letters Patent, as an improved article of manufacture—

An arm for dolls, constructed by stamping or cutting out of leather of suitable thickness with the fingers and adjacent part of the hand completely cemented together, so as to have the necessary form and rigidity without stuffing, all as herein described.

CHARLES F. BLAKSLEE.

Witnesses:

WM. F. McNAMARA,  
J. P. HALL.