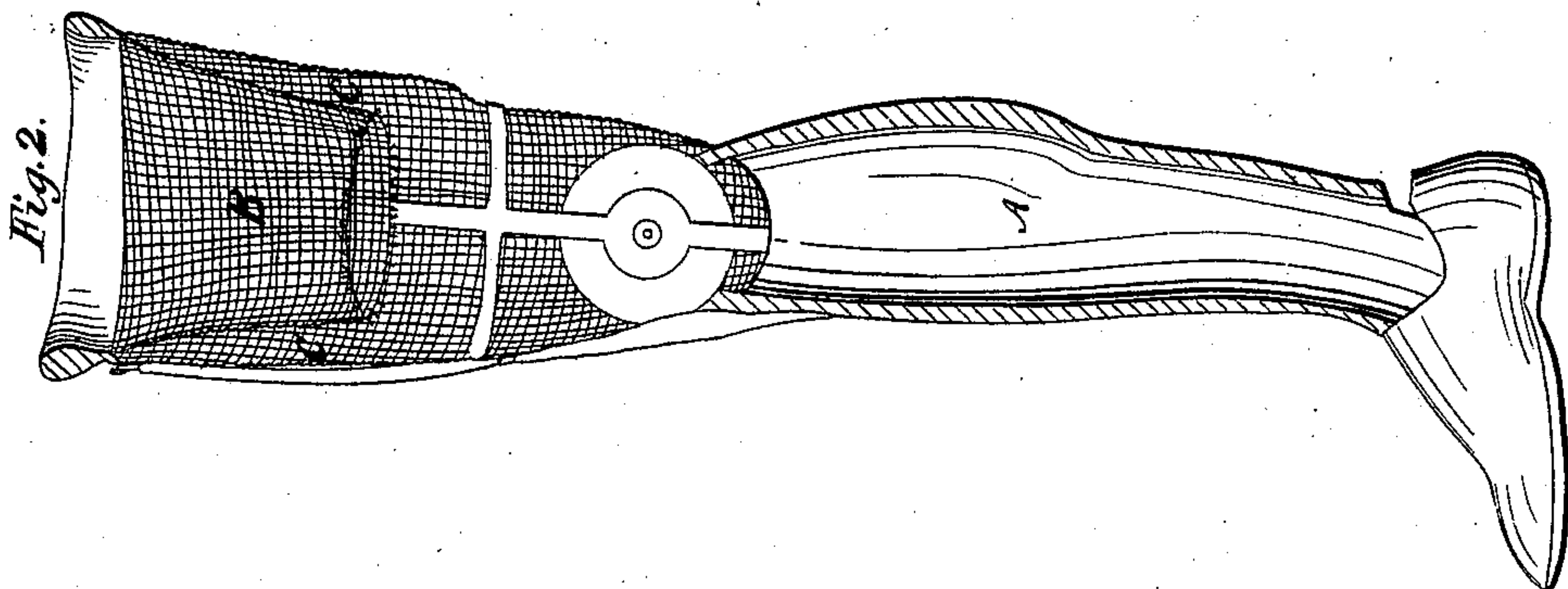
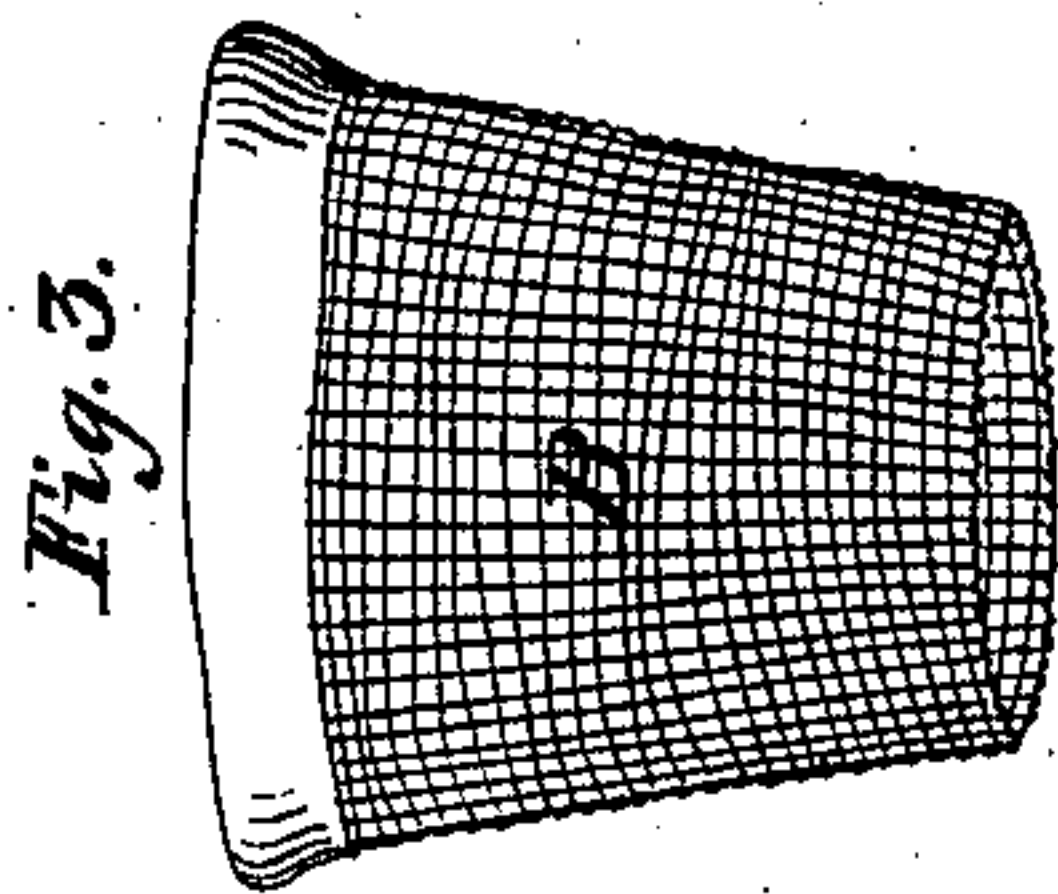
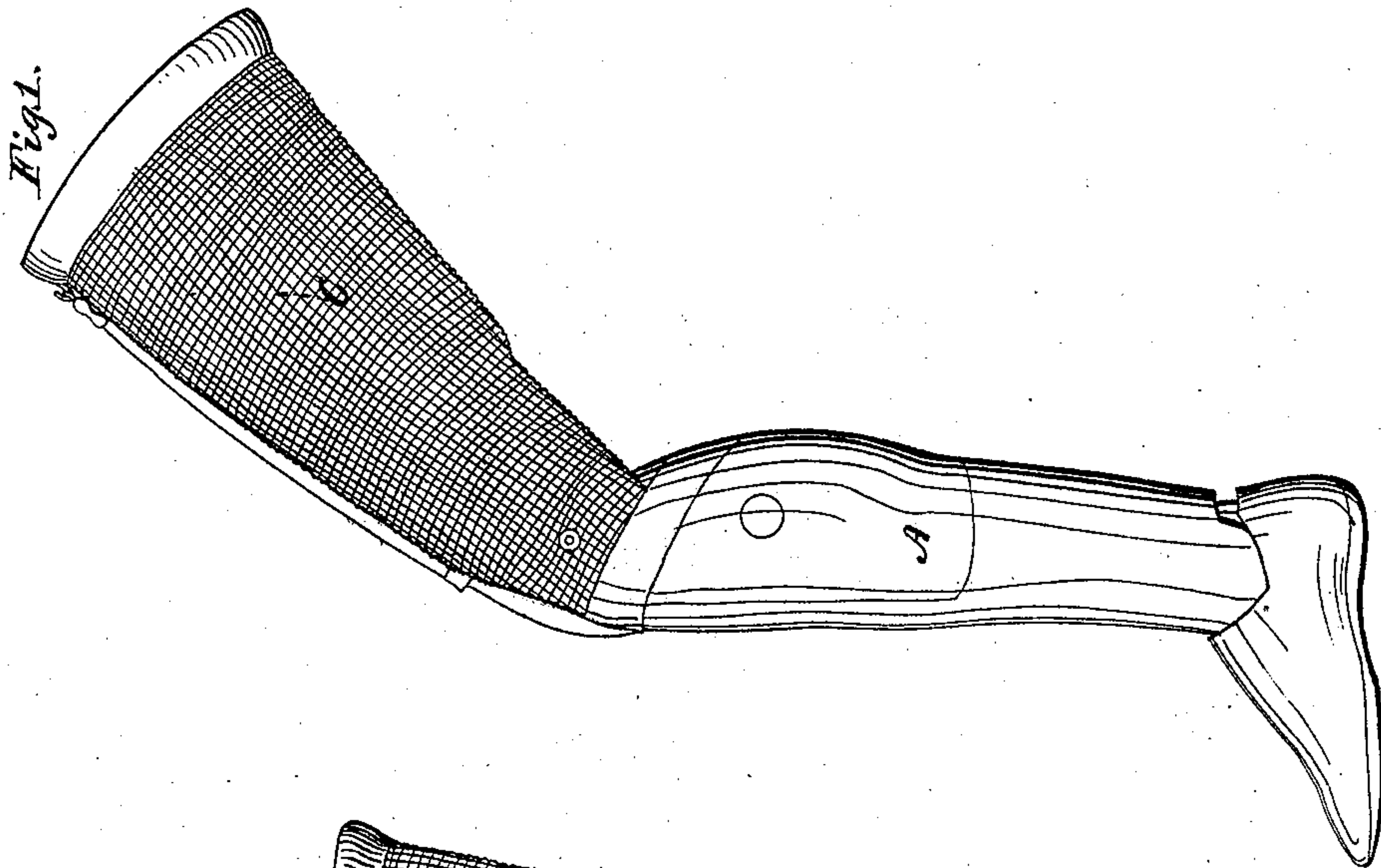


H. L. Byrd,
Artificial Leg.

N^o 52,964.

Patented Mar. 6, 1866.



Witnesses:

A. B. Stoughton
J. D. Patten

Inventor

Harvey L. Byrd,
N. W. Hilborn

UNITED STATES PATENT OFFICE.

HARVEY L. BYRD, M. D., OF AUGUSTA, GEORGIA.

IMPROVEMENT IN ARTIFICIAL LEGS.

Specification forming part of Letters Patent No. 52,964, dated March 6, 1866.

To all whom it may concern:

Be it known that I, HARVEY L. BYRD, of the city of Augusta, county of Richmond, State of Georgia, have invented a new, useful, and Improved Mode of Constructing Artificial Limbs; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 represents an external view of an artificial leg constructed after my general plan. Fig. 2 represent a vertical section through the same. Fig. 3 represents the wire socket detached.

The nature of my invention consists in making the socket of the artificial limb and the cylinder which sustains the same of galvanized-wire cloth.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct my artificial limb A from any of the known materials and in any of the known

forms. Thereto I annex a socket, B, and the cylinder C, which sustains the socket, of galvanized-wire cloth, of iron, steel, copper, zinc, or other metal or material.

The operation is to combine lightness with durability, and secure health to the stump by affording to it free ventilation, obviate friction and its consequences, while the limb may be worn without pain or other inconvenience to the patient which belong to sockets and cylinders made of wood, leather, gutta-percha, or other material in use for this purpose.

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

The application to artificial limbs of sockets and cylinders made of wire-cloth, of iron, steel, copper, zinc, or other metal, alloy, or material, or composition.

H. L. BYRD.

Witnesses:

ROSWELL KING,
JOSEPH GANOHL.