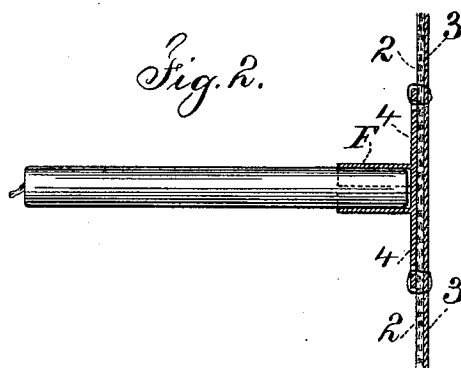
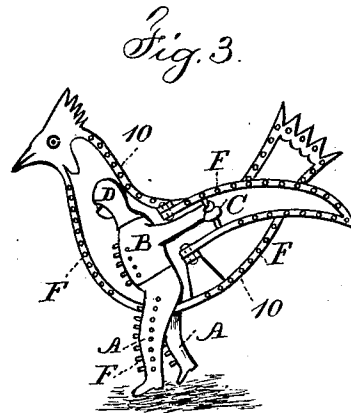
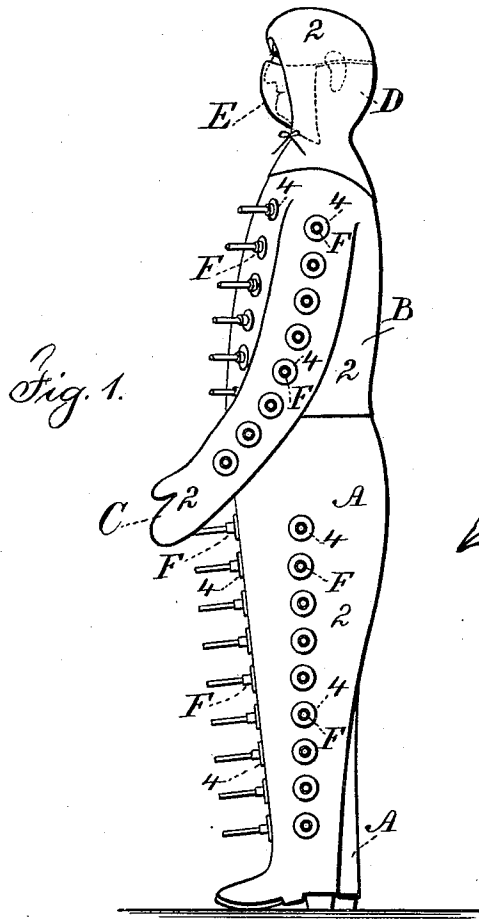


(No Model.)

H. J. PAIN.  
PYROTECHNIC SUIT.

No. 479,899.

Patented Aug. 2, 1892.



Witnesses

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# UNITED STATES PATENT OFFICE.

HENRY J. PAIN, OF NEW YORK, N. Y.

## PYROTECHNIC SUIT.

SPECIFICATION forming part of Letters Patent No. 479,899, dated August 2, 1892.

Application filed March 28, 1892. Serial No. 426,659. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY JOHN PAIN, a subject of the Queen of Great Britain, residing in the city and State of New York, have invented an Improvement in Pyrotechnic Suits, of which the following is a specification.

In pyrotechnic displays efforts have heretofore been made to represent by fireworks different animals by attaching lights upon frames, to which motion is given in imitation of the movement of an animal.

The present invention is made for the purpose of protecting the performer from injury during the pyrotechnic display and for illuminating such performer, so that the movements are life-like and highly entertaining to an audience and at the same time the person giving the performance runs very little risk of personal injury.

In carrying out this invention the performer is covered with a fire-proof suit, preferably made of asbestos fabric, securely fastened upon a foundation of canvas or similar material, said suit being flexible or pliable, so as not to interfere with the motions of the performer, and upon or connected with the suit worn by the performer are holders for fireworks or lights made use of in the exhibition. Hence when the performer moves the lights or fireworks receive a corresponding motion.

In the drawings, Figure 1 is an elevation illustrating the suit as worn by the performer. Fig. 2 is a section in larger size, representing one of the lights or fireworks, the holder for the same, and the fabric of the suit; and Fig. 3 illustrates, on a smaller scale, the suit with the addition of a frame to simulate a rooster.

The suit worn by the performer is conveniently composed of pantaloons A, a jacket B, with sleeves and mittens C, and a helmet D, covering the head and with a cape around the neck and shoulders, and preferably a face-piece E to shield the lower part of the face, the eyes being protected by the upper part of the helmet, and this suit is to be made throughout of asbestos fabric or similar fire-proof material, as shown at 2, Fig. 2, and the same is securely fastened to a backing or foundation 3, of canvas or other sufficiently-strong fabric,

and upon this suit, at suitable distances apart and in the desired positions, are sockets F, having base-pieces or disks 4 of a sufficient size to be attached conveniently around the edges, by sewing or otherwise, to the suit, so that the sockets project outwardly and are supported by the fabric of the suit, and these sockets are adapted to receive blue lights or other pyrotechnic devices, and the base of the socket is sufficiently large to hold the socket in the proper position in relation to the suit, and in consequence of the suit and the lights moving with and by the motions of the performer the exhibition has the appearance of animated fireworks, and these animated fireworks can be availed of in giving exhibitions, such as boxing and wrestling, ball playing, walking matches, &c., and any desired number of persons can engage in such performances, and they are very amusing.

In some instances this fire-proof pyrotechnic suit is available with additions thereupon—such, for instance, as a framework 10, resembling a rooster or an elephant or any animal, such framework being connected with the suit and receiving its motion from the person wearing the suit, and such framework receives the sockets and the lights upon it, so as to be moved by the person wearing the suit—and in these instances the animated firework can be made to assume any desired shape or character and be moved by the party wearing the suit as aforesaid.

I claim as my invention—

1. The combination, with a fire-proof suit adapted to being worn, of sockets attached to and supported by such suit and adapted to receive combustible fireworks to form lights upon such fire-proof suit that receive their motion from the party wearing the suit, substantially as set forth.

2. A fire-proof suit having an exterior surface of asbestos or similar material and a foundation of canvas, to which the fire-proof surface is permanently attached, in combination with sockets and base-pieces connected with the sockets and fastened to the fire-proof suit and adapted to receive combustible materials into the sockets to form lights that move

with the fire-proof suit by the movements of the person wearing such suit, substantially as set forth.

3. The combination, with a fire-proof suit  
5 adapted to be worn by a performer, of sockets for the reception of combustible materials, and frames connected to and moved by the person wearing the fire-proof suit for the pro-

duction of animated fireworks, substantially as set forth. 10

Signed by me this 24th day of March, 1892.

HENRY J. PAIN.

Witnesses:

LEMUEL W. SERRELL,  
HAROLD SERRELL.