

J. E. WEISSENBORN.
 PYROTECHNIC PICTURE.
 APPLICATION FILED MAY 18, 1908.

915,256.

Patented Mar. 16, 1909.

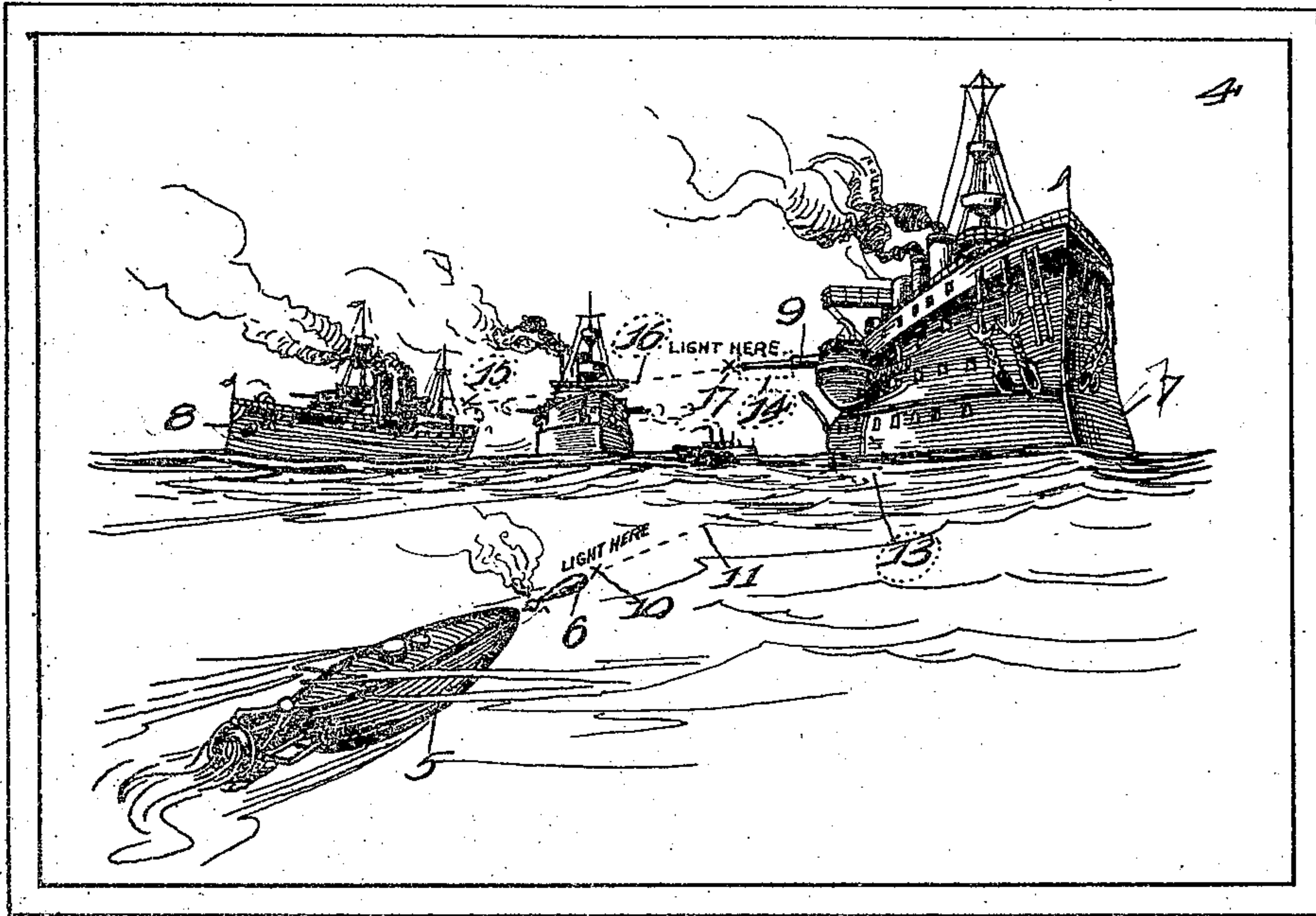


Fig. 1

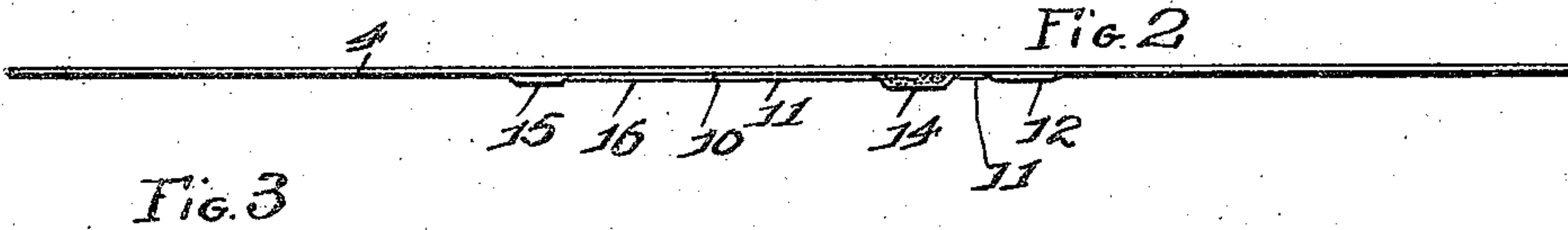
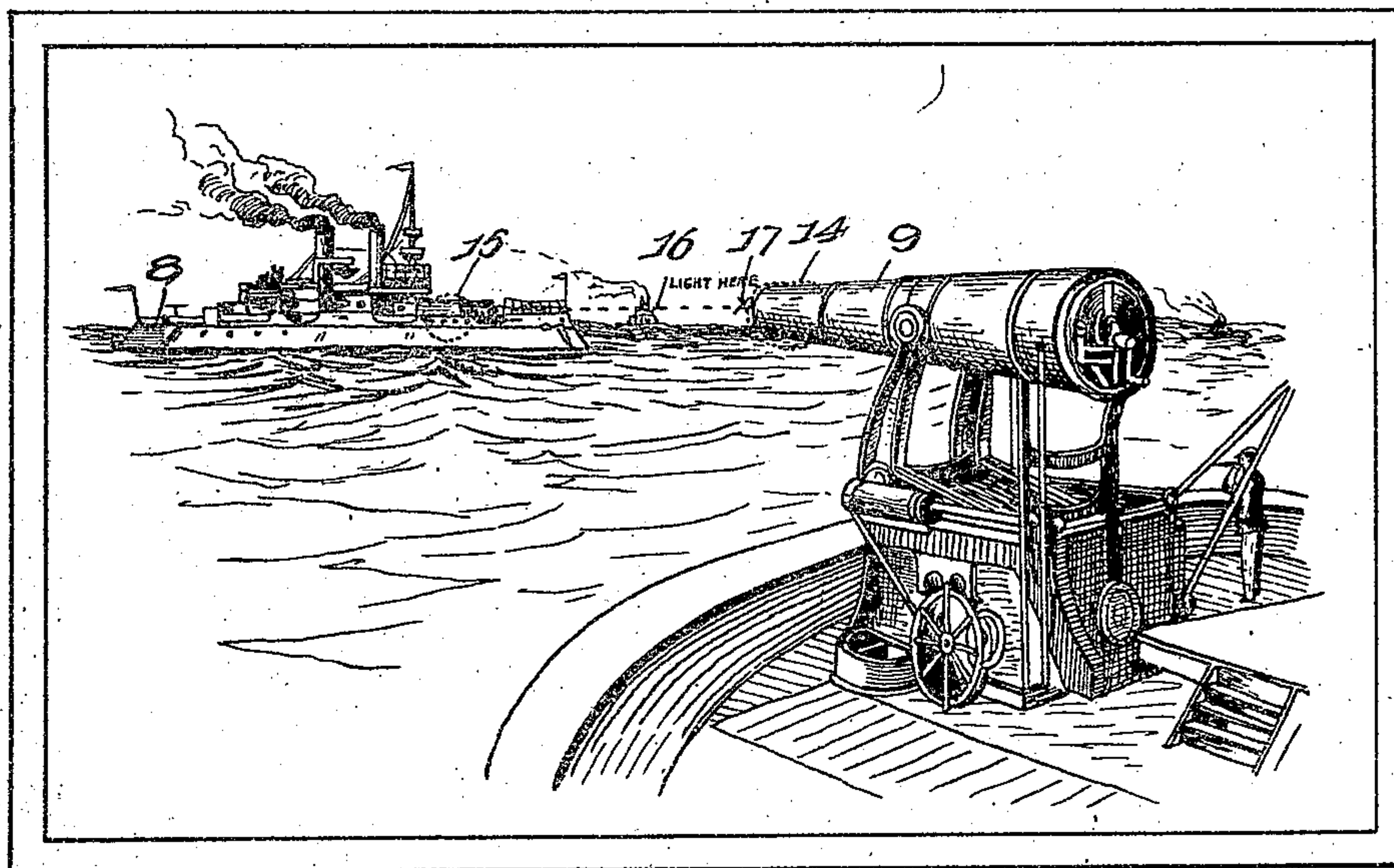


Fig. 2

Fig. 3



Witnesses.

W. C. Stein

[Signature]

INVENTOR

Julius E. Weissenborn
 by Hopkins & Eick's Attys.

UNITED STATES PATENT OFFICE.

JULIUS E. WEISSENBORN, OF ST. LOUIS, MISSOURI.

PYROTECHNIC PICTURE.

No. 915,256.

Specification of Letters Patent.

Patented March 16, 1909.

Application filed May 16, 1908. Serial No. 433,306.

To all whom it may concern:

Be it known that I, JULIUS E. WEISSENBORN, a citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in Pyrotechnic Pictures, of which the following is a specification.

My invention relates to improvements in pyrotechnic pictures, and has for its object to provide a picture depicted upon inflammable material, and containing representations of weapons or projectiles and targets with traveling lines of fire, indicating the paths of the projectiles, mines located within the targets, and whose explosion depicts the effect of the target being struck by the projectile, while the weapons depicted upon the picture are provided with material, which, when ignited, produce a series of minute and intermittent explosions.

In the drawings—Figure 1 is a plan view of a device embodying my invention. Fig. 2 is a bottom view of the same. Fig. 3 embodies a representation of the application of my invention when but a single weapon and target are depicted.

In the form of my invention shown in Fig. 1, the sheet 4 is of paper or like material and has depicted thereon a torpedo boat 5, a torpedo 6, battle ships 7—8; the battle ship 7 is the target at which the torpedo 6 is represented as being directed; the battle ship 7 is depicted as being provided with a cannon 9, for which the battle ship 8 is the target. From the point indicated by the numeral 10, and along the path indicated by the dotted line extending from said numeral 10 to the battle ship 7, I provide a fuse 11 mounted on the reverse side of the picture and terminating in the explosive cap 12, whose location is indicated upon Fig. 1 by the dotted circle 13.

Upon the back of the picture and registering in location with the mouth of the cannon 9, I provide the mine 14, which is of a character to produce a series of minute and

intermittent explosions when ignited. Beneath the battle ship 8 I provide the explosive cap 15, between which cap 15 and mine 14, a fuse 16 is provided.

In the form illustrated in Fig. 3, a single cannon 9, mine 14, fuse 16, and explosive cap 15 are indicated.

The fuse being ignited from the front of the picture at the points indicated by x marks 10 and 17, the fuse 11, in the case of the form of my invention illustrated in Fig. 1, burns until the explosive cap 13 is reached. The mine 14 is ignited at the same time as the fuse 16, when the fire is applied to the point indicated by the x mark 17, and thereupon the mine gives off a series of minute and intermittent explosions.

The fuses 11 and 16 being of the same length, their ignition results in the simultaneous explosion of the explosive caps 13 and 15, indicating the destruction of the vessels 7 and 8 depicted in Fig. 1.

In the case of Fig. 3, the single explosive cap 15, when exploded, indicates the destruction of the vessel 8.

Having thus fully described my invention, what I claim as new and desire to have secured to me by the grant of Letters Patent, is:

In a device of the class described, a sheet of inflammable material having depicted thereon a gun and a target; a fuse extending from the mouth of the gun to the target; a mine adapted to produce a series of minute, intermittent explosions mounted at the mouth of the gun; and an explosive cap mounted on the target and at the end of the fuse, substantially as described.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

JULIUS E. WEISSENBORN.

Witnesses:

ALFRED A. EICKS,
WALTER C. STEIN.