

(No Model.)

C. H. THAYER.

APPARATUS FOR PYROTECHNIC DISPLAYS.

No. 356,901.

Patented Feb. 1, 1887.

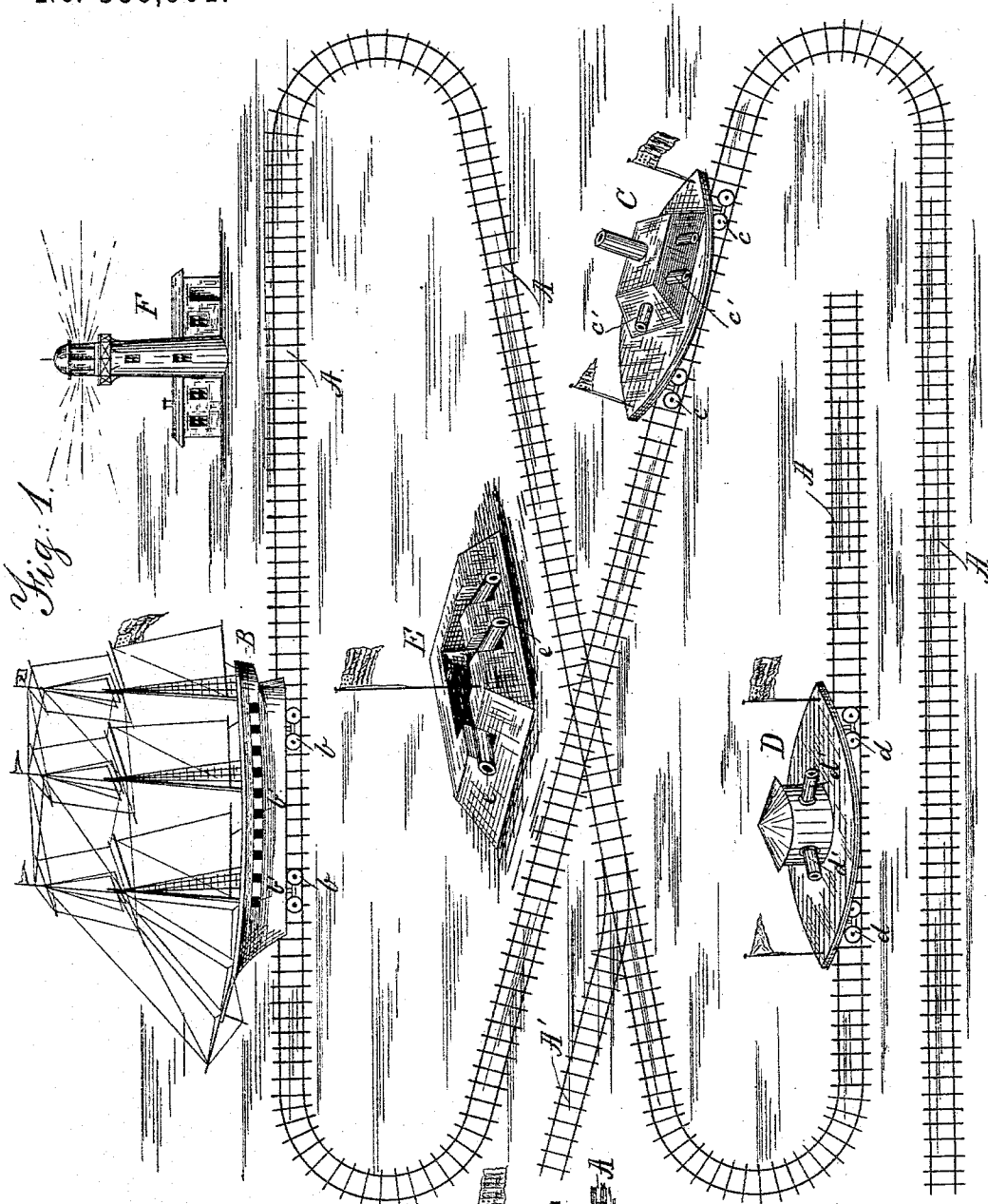
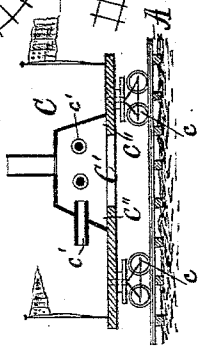


Fig. 1.

Witnesses:
 Henry Chadbourn.
 Charles H. Fogg.

Fig. 2.



Inventor:
 Charles H. Thayer.
 by *Alvin Judson* his atty

UNITED STATES PATENT OFFICE.

CHARLES H. THAYER, OF BOSTON, MASSACHUSETTS.

APPARATUS FOR PYROTECHNIC DISPLAYS.

SPECIFICATION forming part of Letters Patent No. 356,901, dated February 1, 1887.

Application filed July 21, 1886. Serial No. 208,096. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. THAYER, a citizen of the United States, and a resident of Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Apparatus for Pyrotechnic Displays, of which the following, taken in connection with the accompanying drawings, is a specification.

10 This invention relates to improvements in apparatus for pyrotechnic displays, particularly adapted for out-door entertainments in public parks or grounds connected with summer hotels or seaside resorts, and it is carried
15 out as follows, reference being had to the accompanying drawings, where—

Figure 1 represents a general view of the invention, and Fig. 2 represents a longitudinal section of one of the movable objects.

20 In carrying out my invention, I lay in the park, or in the space or grounds selected for the entertainment, a suitable railroad-track, A, that may be arranged in a serpentine curvilinear, or other regular or irregular form, as
25 may be desired, according to the programme of the pyrotechnic display. The track A may be connected to one or more sidings, A', each one being provided with a switch, by which it may be connected to the main track A in the
30 usual manner of railroading.

B, C, and D represent dummy-vessels—steamers or monitors, as the case may be—said objects being mounted on the respective trucks
35 *b c d*, as shown, and adapted to be moved forward and back on the track A by men walking on the track within the interior hollow space, C', as shown in Fig. 2. On the interior of the dummy C, I make one or more shelves, C'', on which to lay the fire-works that are to
40 be used by the men in the respective dummies, as shown in Fig. 2. Through port-holes made in the sides of the respective dummies project cylinders, or imitation guns or other fire-arms or ordnance *b' c' d'*, through which are to be
45 fired Roman candles, rockets, bombs, or other suitable fire-works, as may be desired. Within the inclosure of the track A, or at a suitable place or places outside of the same, I locate

one or more imitation forts, E, as shown in Fig. 1, similarly provided with imitation guns or
50 ordnance *e e*, by means of which rockets, Roman candles, and bombs, &c., may be sent off during the entertainment.

Other objects—such as, for instance, a lighthouse, F, shown in Fig. 1—may be added to
55 give a realistic feature to the display.

During the progress of the entertainment the portable vessels or objects B C D are propelled along the track A, or moved forward and back on the same, according to the desired programme, and fire-works are set off
60 from such moving objects, as well as from the stationary fort E, to represent in an artistic and faithful manner a naval battle or engagement.

Having thus fully described the nature, construction, and operation of my invention, I wish to secure by Letters Patent and claim—

1. In an apparatus for pyrotechnic display, the railroad-track A, one or more dummy-vessels or other portable objects, B C D,
70 mounted on the respective trucks *b c d*, and having interior hollow spaces, as described, adapted to contain the operators by whom the dummies are propelled along the said track,
75 and having means, as described, for discharging fire-works from the interiors of said portable objects, as and for the purpose set forth.

2. In an apparatus for pyrotechnic display, the railroad-track A, one or more dummy-vessels or other portable objects, B C D, mounted on their respective trucks *b c d*, and having the interior hollow spaces, as described, and cylinders or imitation ordnance projecting
80 from such interiors, combined with one or more stationary forts, E, or other stationary objects, as and for the purpose set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 15th day of July, 90
A. D. 1886.

CHARLES H. THAYER.

Witnesses:

ALBAN ANDRÉN,
JOHN R. HEARD.