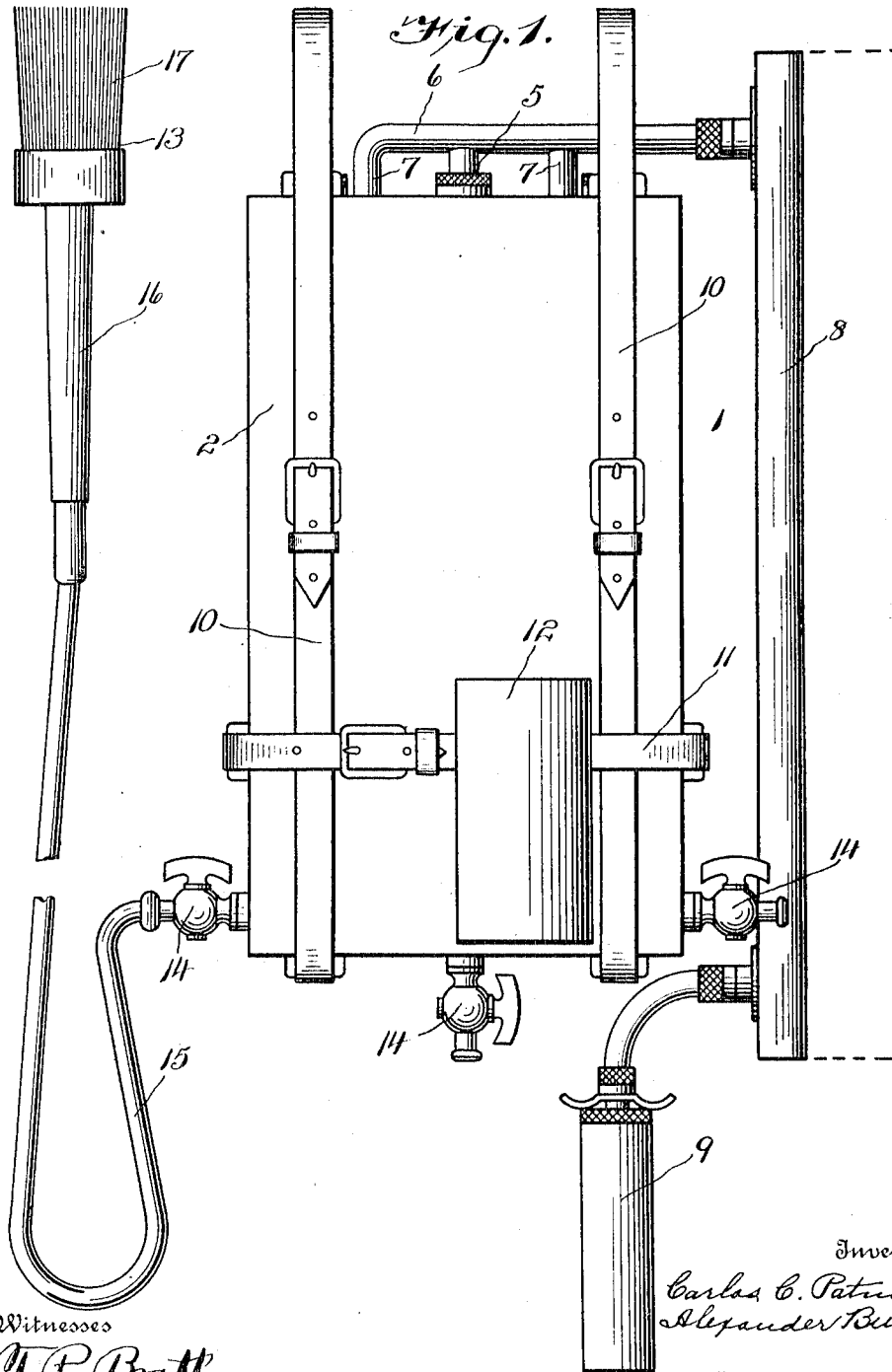


C. C. PATNODE & A. BURNELL.
PAINTING APPARATUS.
APPLICATION FILED DEC. 21, 1912.

1,115,098.

Patented Oct. 27, 1914.

2 SHEETS-SHEET 1.



Witnesses

T. F. Britt
E. C. Duggan

By

C. C. Duggan
Attorney

Inventors
Charles C. Patnode
Alexander Burnell

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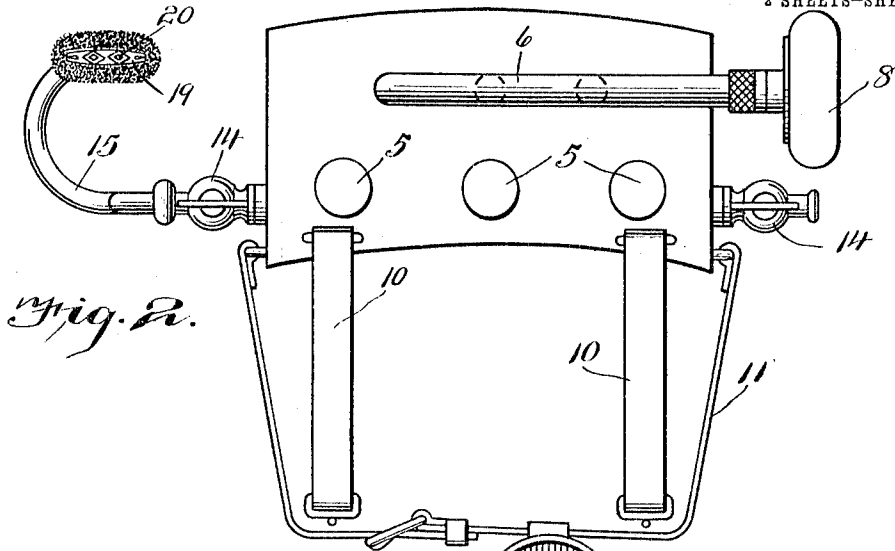


Fig. 3.

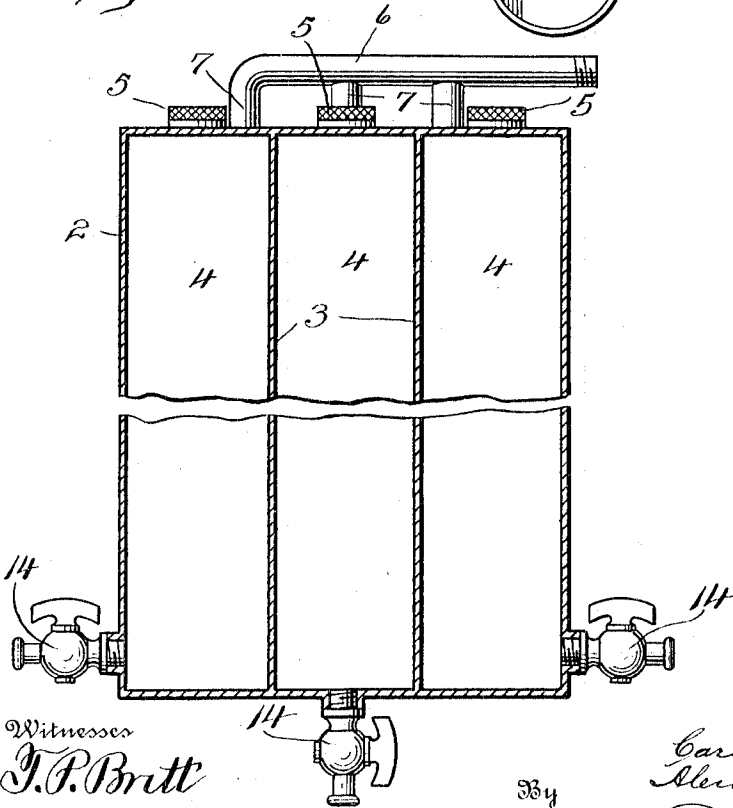
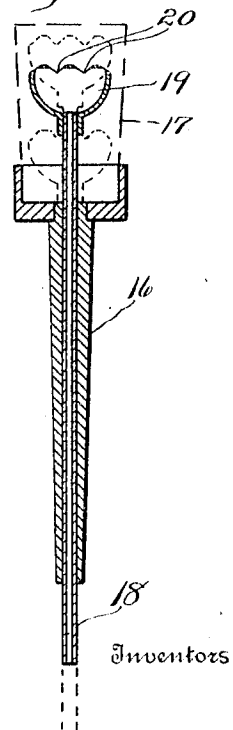


Fig. 4.



Witnesses
J. P. Britt
E. C. Duggs

By *Carlos C. Patnode*
Alexander Burnell
O. C. Duggs *Attorneys*

UNITED STATES PATENT OFFICE.

CARLOS C. PATNODE AND ALEXANDER BURNELL, OF SCHROON LAKE, NEW YORK;
SAID PATNODE ASSIGNOR TO SAID BURNELL.

PAINTING APPARATUS.

1,115,098.

Specification of Letters Patent.

Patented Oct. 27, 1914.

Application filed December 21, 1912. Serial No. 737,997.

To all whom it may concern:

Be it known that we, CARLOS C. PATNODE and ALEXANDER BURNELL, citizens of the United States, residing at Schroon Lake, in the county of Essex and State of New York, have invented certain new and useful Improvements in Painting Apparatus; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to painting apparatus but more particularly to a self feeding painting device so constructed and arranged that the paint is automatically fed to the brush.

In the painting of buildings, iron structures and the like where the painter is required to climb ladders and work from scaffolds and the like it is at all times inconvenient to transport the receptacles containing the paint from place to place, and by reason of the unstable supporting structures a great quantity of paint is wasted while very serious accidents also occur by reason of the fact that the painter in moving from place to place is hampered by his paint receptacle in such manner that he does not have the free use of his hands.

This invention therefore has for its object to provide an apparatus which is particularly adapted to the use of painters working on buildings, structures and the like in such manner that the paint can be safely transported while at the same time the painter is not hampered thereby.

With these and other objects in view the invention consists in the novel construction of a painting apparatus and particularly in the novel construction of the brush and in the receptacle for holding the paint.

The invention further consists in certain other novel details of construction and in combinations of parts, all of which will be first fully described and afterward specifically pointed out in the appended claim.

Referring to the accompanying drawing: Figure 1 is an elevation of a painting apparatus constructed in accordance with this invention. Fig. 2 is a top plan view of the same. Fig. 3 is a vertical longitudinal sec-

tional view through the receptacle. Fig. 4 is a vertical sectional view through the brush.

Like numerals of reference indicate the same parts throughout the several figures in which:

1 indicates the painting apparatus comprising the receptacle 2, which receptacle 2 may be partitioned at 3 to provide several compartments 4.

5 indicates the filler tops arranged on the top of the receptacle 2, a separate filler top being provided for each compartment.

Communicating and connected to the top of the receptacle 2 is an air fed pipe 6 having a connection 7 leading to each of the compartments 4, and connected to the air fed pipe 6 is the flexible air chamber 8, an air pump 9 being also connected to the flexible air chamber 8 at one end thereof.

Suitably connected to the receptacle 2 is a harness 10 for securing the device to the shoulders of the painter in such manner that the receptacle 2 is carried in a manner similar to a knapsack, a belt 11 passing around the waist of the painter to which belt a brush-can 12 is suspended in such manner that the brush 13 can be inserted into the can 12 when not in use.

Arranged at the bottom of each of the compartments 4 is a stop-cock 14 to which stop-cock a flexible tubing 15 is connected, said tubing 15 from each cock 14 leading to the brush 13 in a manner as shown in Fig. 1, it being unnecessary for the purpose of illustrating this invention to show a separate brush connected to each compartment.

The brush 13 is provided with a handle 16 and suitable brush material 17, the handle 16 being centrally bored its entire length in the manner as shown in Fig. 4 to accommodate a slidable tube 18, said tube terminating within the brush material 17 and having on its outer end a flexible feeder 19 having a series of openings 20 in the outer end thereof in such manner that the paint can pass from the feeder through the slidable tube 18 to the brush material 17. As before stated this feeder 19 is flexible and conforms to the position and flexibility of the brush, while the slidable tube 18 allows a wide range of adjustment of the feeder 19 within the brush material 17 in the manner as illustrated in full and dotted lines in Fig. 4, the advantages of this construction being that in operating the brush in a vertical po-

sition with the brush material uppermost it has been found advantageous to adjust the feeder 19 into the uppermost position illustrated in dotted lines in Fig. 4 so as to lead
b the paint to the brush material at the extreme end thereof, thus preventing a waste of paint and obviating the tendency of the paint to run from the brush material down the handle thereof.

19 Having thus fully described the invention its operation is as follows: By reason of the separate compartments arranged in the receptacle 2, different colors of paint can be used as is of course apparent, a separate
15 brush being connected to each of the several compartments. Upon operation of the air pump 9 the flexible or inflatable air chamber 8 receives the air from the pump, the said chamber 8 being inflated in the manner as
20 illustrated in dotted lines in Fig. 1, and the air from the chamber 8 enters the compartments 4 in the receptacle 2 thus putting the paint therein under pressure. When it is desired to use the device one of the stop-cocks
25 14 on any one of the compartments 4 is turned in open position which causes the paint under pressure in that compartment to pass into the flexible tube 15 and into the brush 13 in the manner as will be perfectly
30 apparent from an inspection of the accompanying drawing. As great or small a quantity of paint can be used as is desired

by simply turning the stop-cock 14 so as to allow a full or a partial opening therein. As is of course entirely obvious a painter is
35 in constant motion and the receptacle being arranged on his shoulders the paint in the compartments is at all times kept in a state of agitation in such manner as to keep the same in a thoroughly mixed condition. 40

Having thus fully described the invention, what we claim as new and desire to secure by Letters Patent of the United States is:—

An apparatus of the type described including a paint-containing receptacle, an air-inflating member having tubular connection
45 therewith, said paint-containing receptacle being equipped with a brush having a tubular handle, said brush having centrally arranged and slidable therein a flexible bulb-
50 like hollow member provided with paint-feeding apertures, said hollow bulb-like member being carried by a tubular member slidable within said tubular handle, and a
flexible tubular connection between said
55 paint-containing receptacle and said bulb-like member carrying tubular member.

In testimony whereof, we affix our signatures, in presence of two witnesses.

CARLOS C. PATNODE
ALEXANDER BURNELL.

Witnesses:

C. M. FORREST,
C. HUGH DUFFY.