

# UNITED STATES PATENT OFFICE.

GROVER R. GRUPE, OF ELIZABETH, NEW JERSEY.

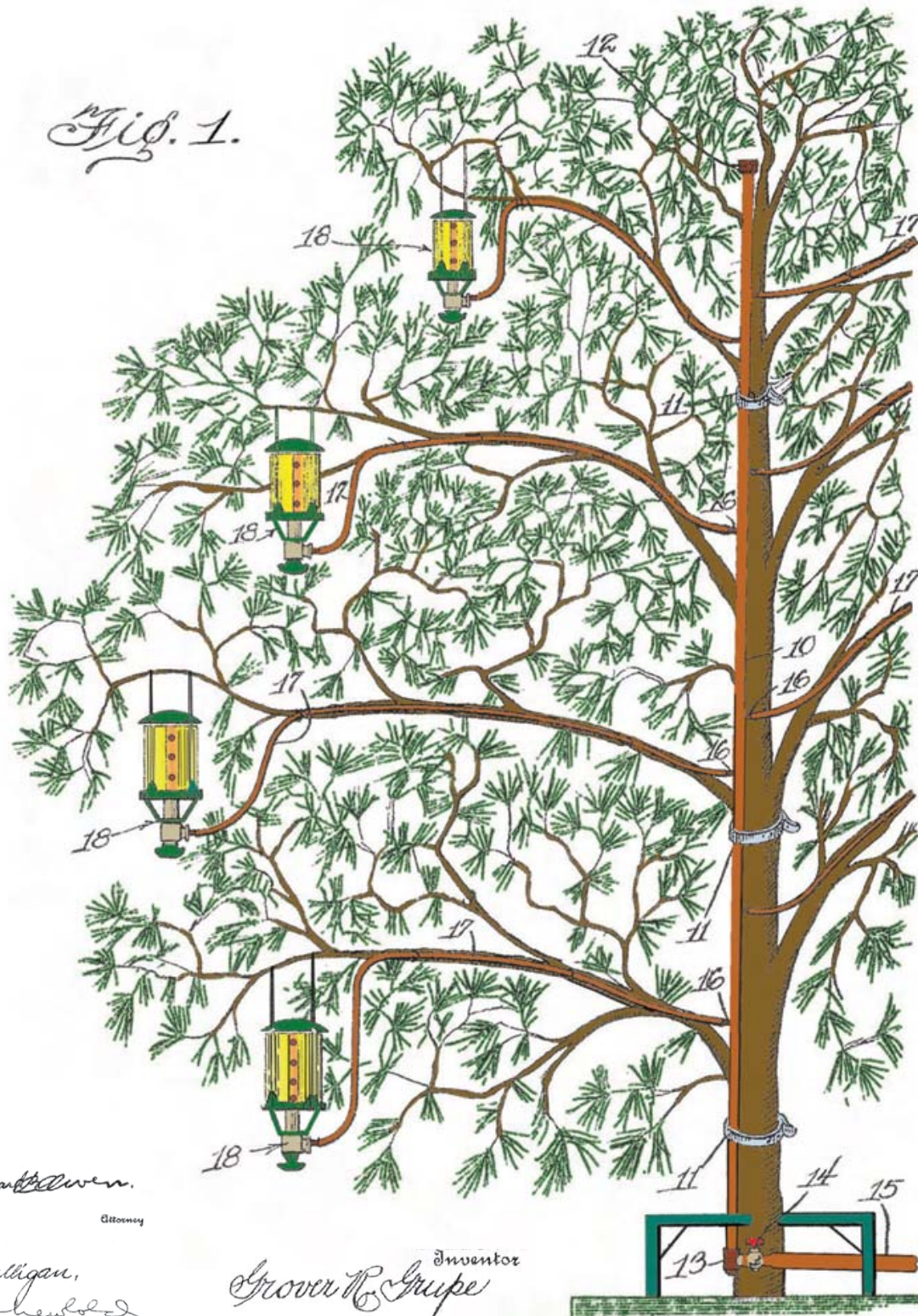
## ILLUMINATING-BURNER FOR CHRISTMAS TREES.

1,225,241.

Specifications of Letters Patent.

Patented May 8, 1917.

Application filed February 24, 1915. Serial No. 10,302.



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*To all whom it may concern:*

Be it known that I, GROVER R. GRUPE, a citizen of the United States, residing at Elizabeth, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in Illuminating Burners for Christmas Trees, of which the following is a specification.

This invention relates to a system of illumination particularly adapted for use in connection with Christmas trees, and is more particularly concerned with the provision of a safe and practical system wherewith ordinary illuminating gas may be used so that the cheapness of this form of lighting will be at once combined with the safety of electricity.

As a principal object, it is proposed to provide a system of this type including a main gas pipe to be supported by the trunk of the tree, from which pipe separate feed tubes shall lead which in turn may be supported by the branches at the extremities of which are to be positioned separate burners.

Objects of equal importance but more specific in nature relate to the provision of a particular means of burner support and of guard means for preventing the gas flame from any contact with the adjacent tree portions, while at the same time interfering in no particular with the proper combustion of the gas or use of the illumination ordinarily afforded thereby.

In disclosing the means whereby the foregoing objects may be attained by this invention, reference will first be had to Fig. 1, in which the system as a whole is illustrated and in which the numeral 10 designates the main gas pipe of the system which is vertically supported by the trunk of the tree through the medium of any suitable and readily removable means such as the straps illustrated at 11. At its upper extremity the pipe 10 is closed by a cap 12, while connecting with its lowermost cap 13 is the turn-cock

14 whereby the amounts of gas fed to the pipe 10 made from the supply pipe 15 may readily be regulated.

It will be obvious, of course, that should the tree be of such size as to conveniently permit of manual operation of the stop cock 14, this latter may be placed at the top of the distributing pipe rather than in the position shown, thus saving most of the length of the tube 15 leading from the ordinary gas fixture of the room. At intervals throughout the length of this main pipe are provided suitable apertures to threadingly receive the branch nipples 16 from which flexible tubes 17 lead along the limbs of the tree to which any satisfactory securing means may attach them to their point of connection, with the burners designated as a whole by the numerals 18.

Each burner includes a suspension bracket comprising an annular base portion surrounded by the peripheral rim and centrally apertured.

What is claimed is:

Means for illuminating a Christmas tree comprising a gas burner having a nipple for the attachment of a flexible gas pipe and a stop cock for cutting off the flow of gas, a circular bracket having a peripheral rim supported by said burner, suspending wires connected to the bracket for supporting the same and the burner from the branch of the tree, a chimney seated in said bracket and projecting above the burner, a cap for said chimney extending laterally beyond the periphery thereof, and fingers attached to said cap and extending into the chimney for supporting the cap in position.

In testimony whereof I affix my signature in presence of two witnesses.

GROVER R. GRUPE.

Witnesses:

CHAS. O. LIEB,  
GEO. C. WENKE.

**Season's Greetings  
and all good wishes  
for 2008**

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