Dec. 6, 1966 J. F. HART, JR 3,289,982

FAN MOUNTING

Original Filed Sept. 11, 1961

Fig. 1

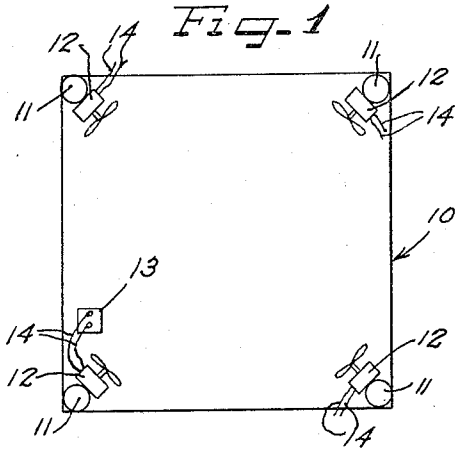


Fig. 2

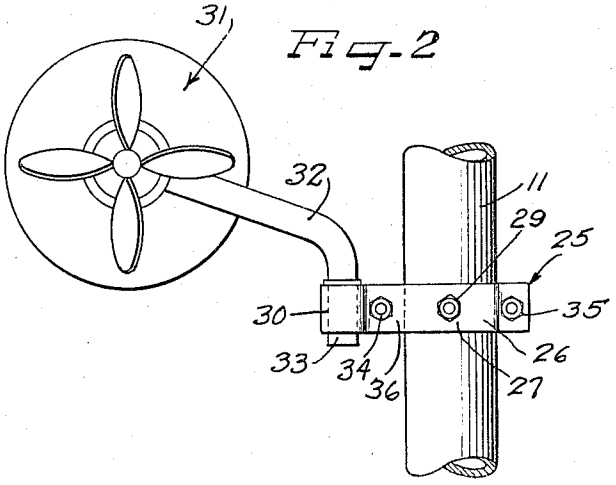


Fig. 3

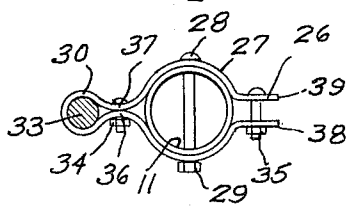
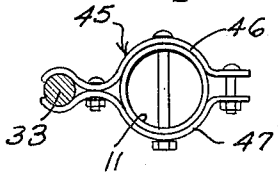


Fig. 4



INVENTOR.
John Freeman Hart, Jr.

Hill, Sherman, Meroni, Gross & Simpson
ATTORNEYS

United States Patent Office

3,289,982

Patented Dec. 6, 1966

3,289,982

FAN MOUNTING

John Freeman Hart, Jr., 340 College St., Macon, Ga.

Original application Sept. 11, 1961, Ser. No. 137,323, now Patent No. 3,200,731, dated Aug. 17, 1965. Divided and this application June 30, 1965, Ser. No. 468,456

1 Claim. (Cl. 248—41)

The present application is a divisional application of an earlier U.S. application filed September 11, 1961, Serial No. 137,323, now United States Patent No. 3,200,731, which patent issued on August 17, 1965.

This invention relates generally to a ventilated funeral tent and further concerns a fan mounting for a tent pole.

In the past some undertakers follow the practice of erecting a tent at a burial site for the immediate family at the time of interment. It has been found that funeral tents of this type become extremely hot and that by mounting fans on the tent poles, the tents may be quickly cooled so the tents will not be uncomfortable for the people in them.

An important object of this invention is to provide a fan ventilated funeral tent.

Still another object of this invention is to provide a portable battery operated system for ventilating a funeral tent.

Still another important object of this invention is to provide novel means for securing a fan to a tent pole.

Still another object of this invention is to provide a new type of fan which may be quickly assembled on a tent pole with a minimum of effort.

According to the general features of this invention there is provided a combination including an immediate family funeral tent having tent poles and a series of fans mounted on the tent poles for circulating air within the tent.

In accordance with other features of this invention the aforesaid fans are operated by a portable battery.

A still further feature of the combination defined above is that the fans are provided with a mounting including a looped portion engaged about the periphery of a tent pole which looped portion is directly fastened to the pole.

Yet another object of this invention is to provide a fan mounting for attachment to a tent pole comprising a strap having a looped portion for encompassing a tent pole, said strap having means for fastening the looped portion in clamped assembly with a tent pole, and fan mounting means attached to said looped portion.

A still further object of this invention is to provide one and two piece clamps each having a looped portion for encompassing a tent pole and a looped portion for encompassing a fan pivot pin, and each having means for securing the clamp with the tent pole and with the fan pivot pin.

Other objects and features of the present invention will more fully become apparent in view of the following detailed description taken in conjunction with the accompanying drawings illustrating several embodiments and in which:

FIGURE 1 is a top view of a tent only with the roof broken away and with the tent having poles with fans mounted thereon;

FIGURE 2 is an enlarged fragmentary front elevation of a fan attached to a tent pole by means of a fan mounting;

FIGURE 3 is a top view of the fan mounting shown in FIGURE 2 with a fan pivot pin journalled in the fan mounting; and

FIGURE 4 is a top plan view similar to FIGURE 3 only showing a modified type of fan mounting.

The reference numeral **10** in FIGURE 1 indicates generally a tent which may be of any suitable type and made from any suitable material. The tent **10** is supported by tent poles **11** disposed at the four corners of the tent. It will be appreciated that the position of the poles with respect to the tent and the number of poles may be varied in accordance with the support requirements of the particular type of tent which is to be used.

In accordance with certain other features of this invention, a series of fans **12** are mounted on the tent poles **11**. The fans **12** are preferably operated by means of a portable battery **13** and are connected with the portable battery **13** by means of electrical wires **14**, **14** shown in FIGURE 1. One or more batteries **13** may be used depending upon the power requirements of the particular fan **12** which is employed.

In accordance with still other features of this invention I have provided a fan mounting as indicated at **25**. The fan mounting **25** shown in FIGURES 2 and 3 includes a clamp **26** having a looped portion **27**. A nut and bolt assembly **28** and **29** extends through the looped portion **27** for securing the clamp **26** to the tent pole **11** in the same manner as previously described.

Disposed at one end of the looped portion **27** is a fan mounting means comprising a second and smaller looped portion **30** which second looped portion defines a socket or journal.

Mounted on the fan mounting **25** is a conventional type of fan indicated generally at **31** which fan may be operated by means of a portable battery **13** or any suitable means. The fan **31** includes a base **32** having a pivot pin **33** journalled in the journal or socket defined by the second looped portion **30**.

So as to be able to firmly attach the looped portions **27** and **30** to the tent pole **11** and to the pivot pin **33**, adjustment means here illustrated as comprising fasteners **34** and **35** are provided. The clamp **26** has arcuate leg portions **36** and **37** which are arched towards one another and secured together by means of the fastener **34**. The tension on the leg portions **36** and **37** may be varied by altering the adjustment between the fastener **34** and the leg portions **36** and **37**. The fastener **35** passes through the spaced oppositely facing free ends **38** and **39** of the strap **26** for adjusting the looped portion **27** with respect to its associated tent pole **11**.

As shown in FIGURE 2, the strap **26** is a one-piece strip. In FIGURE 4 a modified type of strap **45** is provided. In this instance, the strap **45** is comprised of two separate pieces **46** and **47** as opposed to a single piece. The strap **45** is otherwise identical to the strap **26**. The fan mounting or strap illustrated in FIGURE 4 is adapted to operate in the same manner as the fan mounting or strap described in FIGURE 3.

When a person desires to ventilate a funeral tent he may do so by securing the fan mountings to the tent poles. The canvas is then mounted on the tent poles and a portable battery or the like is wired to fans which are journalled on the fan mounting. By flipping a switch, the fans may be caused to operate whereby the tent may be readily cooled.

It will be understood that modifications and variations may be effected without departing from the scope of the novel concepts of the present invention.

I claim as my invention:

In an immediate family funeral tent, the combination of tent poles and a series of fan apparatus including a fan each having its base mounted on one of the tent poles for circulating air within the tent, each of said fan apparatus including a clamp having a looped portion wrapped about the perimeter of the pole, means connected to said looped portion joining said clamp to said pole, and fan mounting means secured to said clamp for mounting said fan on said clamp, said fan mounting means including a second looped portion joined with said first looped portion at one end defining a socket and a pivot pin on said base journalled therein, said mounting means further including a fastener, affixed at the joining area of said first and second looped portions, and adjustable for varying the tension on said journaled pin.

References Cited by the Examiner

UNITED STATES PATENTS

1,220,299	3/1917	Viden	248—41
1,272,015	7/1918	Davis	248—230 X
1,535,396	4/1925	Buehler	248—43 X
1,597,871	8/1926	Reynders	248—12
2,441,734	5/1948	Van Hyning	248—230
2,488,306	11/1949	Marsalis	248—12 X
2,996,277	8/1961	Hoffman	248—221
3,162,409	12/1964	Straayer et al.	248—41
3,200,731	8/1965	Hart	98—1

CLAUDE A. LE ROY, *Primary Examiner.*

JOHN PETO, *Examiner.*