Nov. 25, 1969 A. L. WADE 3,479,753

NOISE MAKING SHOE ATTACHMENT

Filed Jan. 28, 1969 2 Sheets-Sheet 1

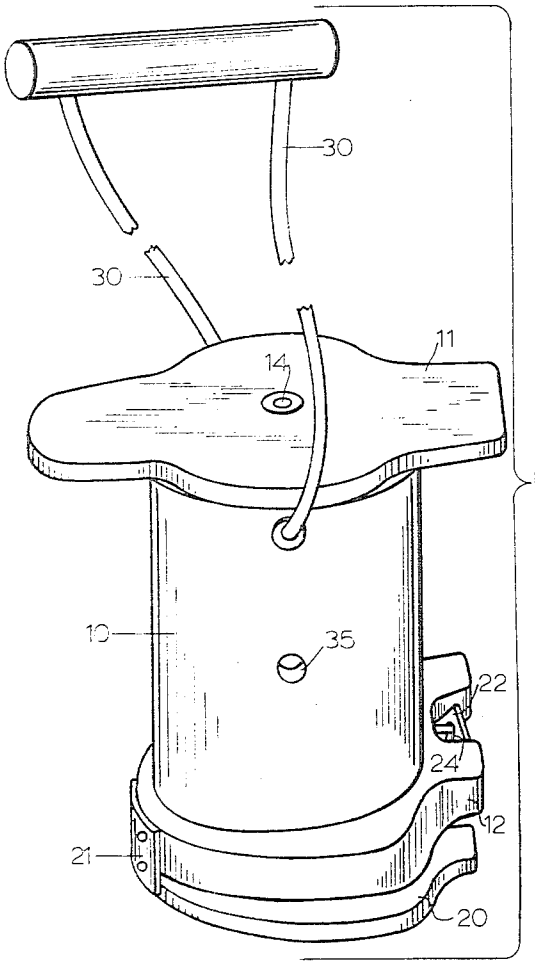


FIG. 1

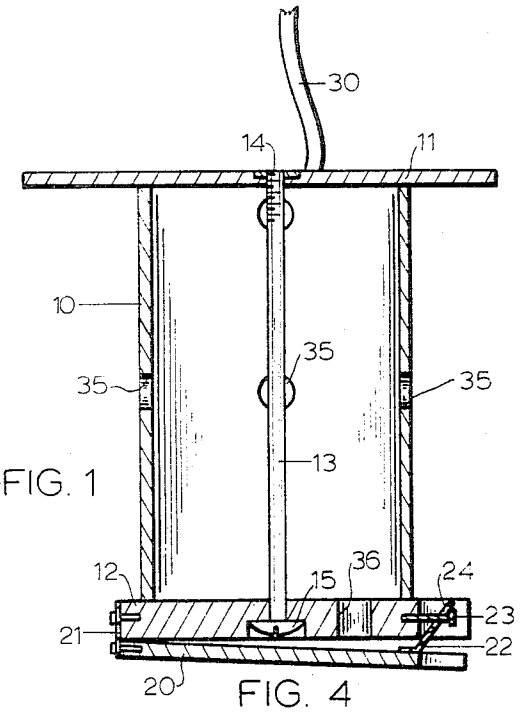


FIG. 4

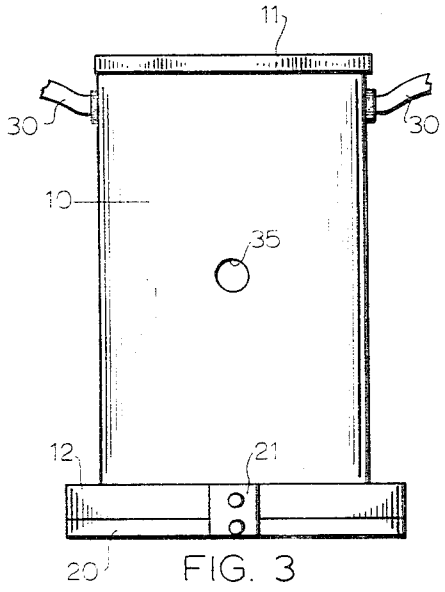


FIG. 3

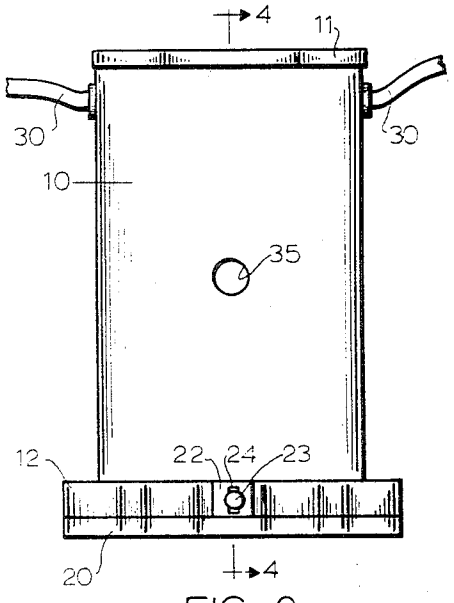


FIG. 2

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NOISE MAKING SHOE ATTACHMENT

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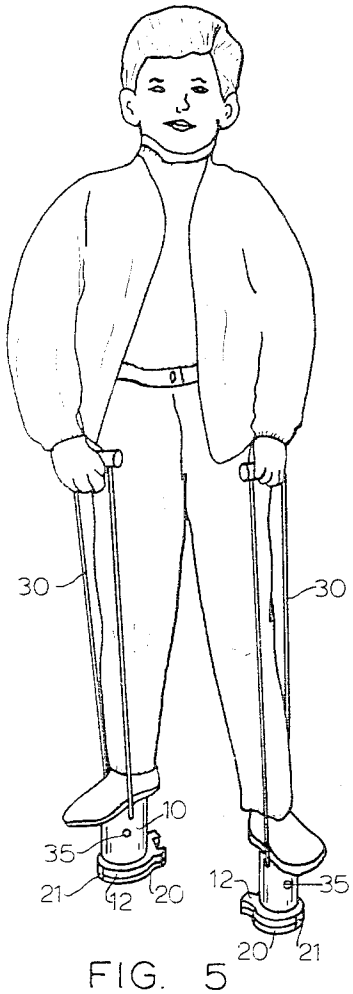


FIG. 5

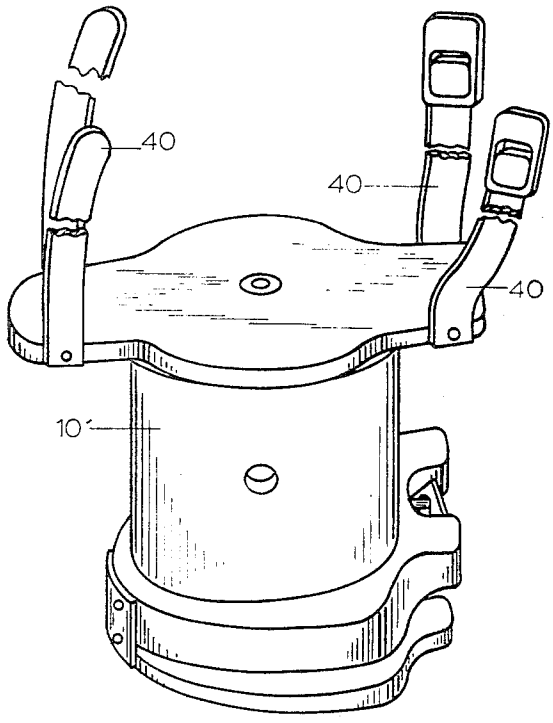


FIG. 6

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NOISE MAKING SHOE ATTACHMENT

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U.S. Cl. 36—7.5 4 Claims

ABSTRACT OF THE DISCLOSURE

The child's shoe attachment incorporates a hollow can, a foot-rest on top of the can which the child can secure to the bottom of its shoe, and a pivoted ground engaging member which claps against the bottom of the can as the child walks to produce a noise.

BACKGROUND OF THE INVENTION

Field of the invention

This invention relates to attachments for shoes and particularly to devices intended to produce noise during walking.

Description of the prior art

Patent 2,739,394 teaches a rearwardly mounted clapping member attached directly to the shoe for producing a noise. Another type of noise making shoe attachment is taught by Patent 2,413,545 which involves a collapsible chamber and a whistle operated by air from the chamber. A further type of noise toy is taught by Patent 1,962,948 in which a clapboard is rearwardly mounted and claps directly against a plate member secured to the shoe. A further shoe attached noise making toy is to be found in Patent 2,644,248 in which a rearwardly pivoted clapping member claps against a horse shaped hollow block in which the child places his shoe. From the foregoing it can be seen that none of the prior art teaches the concept of using a metal can as a sound chamber and as a means of elevating the child to give the child a sense of height and with this employing a forwardly hinged clap member on the bottom of the can which makes a clapping noise that is amplified by the can during walking.

SUMMARY OF THE INVENTION

A noise making attachment according to the invention incorporates a metal can clamped between an upper plate member which serves as a shoe support and a lower plate member oppositely disposed from the upper plate member. Beneath the lower plate member and hinged to its forward end there is a further clamping plate member which has a limited pivotal motion. A pair of such noise making attachments can be secured to the child's shoe either by straps which loop across the child's shoes or by elongated straps which the child holds tightly to keep the shoe attachments in place. During walking the clap member tends to drop by its own weight as the shoe attachment is lifted and as the shoe attachment is brought back down against the ground the clap member creates a sharp clap against the lower plate member and this clap is in turn amplified by the can. Since children have long enjoyed the practice of elevating themselves by walking on tin cans the present invention gives them both this sensation of height and the additional attraction of having a clapping noise that coincides with their walk.

DESCRIPTION OF THE DRAWINGS

FIGURE 1 is a perspective view of a noise making attachment for a shoe according to a first embodiment of the invention.

FIGURE 2 is a rear view of the attachment shown in FIGURE 1.

FIGURE 3 is a front view of the attachment shown in FIGURE 1.

FIGURE 4 is a section view taken on line 2—2 of FIGURE 1.

FIGURE 5 is a perspective view showing a pair of the shoe attachments in use.

FIGURE 6 is a perspective view of an alternative embodiment of shorter height and adapted to be strapped to the child's shoe.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring to FIGURES 1 through 5 and the first embodiment of the invention a metal can **10** is clamped between an upper shoe support **11** and a lower oppositely disposed plate member **12** by means of a bolt **13** which extends centrally of can **10** with the head of the bolt **15** being countersunk in lower plate **12** and the nut **14** being countersunk in upper shoe support **11**. Lower plate member **12** is generally of the same shape as the upper shoe support or plate member **11** and the shape and area generally correspond to those of a child's shoe. Immediately beneath lower plate member **12** there is pivotally mounted a clapping plate member **20** which is hinged to the front of lower plate member **12** by means of a flexible strap **21** or the like. In order to limit the downward travel of the rearward end of clapping member **20** a slotted strap **22** is secured to clapping member **20** and a nail **23** which is mounted in lower plate member **12** rides in the slot **24** and thus limits travel when the end of slot **24** strikes nail **23**.

A rope **30** or the like loops through the metal can **10** and as shown in FIGURE 5 provides means whereby a child can hold a pair of the noise making shoe attachments against the child's shoe during walking. As the child walks and as the respective shoe attachments are lifted in turn, the respective clapping members **20** will pivot downwardly and as the child lowers the respective shoe against the ground the clapping member **20** will sharply strike the lower plate member **12** and thereby create a sound which is amplified by the can **10**. It has been found that a different noise and what is apparently a louder noise is created when holes **35** are formed in the side of can **10** and an additional hole **36** is formed in the lower plate member **12**. Since the clap member **20** is pivoted at its forward end it does tend to catch rocks and the like as is likely to happen with the prior art rearwardly mounted clapping devices.

As previously mentioned use of a substantially tall can **10**, e.g., in the order of 4 to 5 inches in height, will give the child a sensation of height while the child is walking and creating noise with the shoe attachments. In some instances it may be more desirable to use a shorter can and in this instance it is preferred that the noise making attachment be strapped to the shoe by appropriate straps **40** which like ordinary skate straps are designed to loop around the ankle and toe portion of the child's shoe. In this instance the can indicated in FIGURE 6 by **10'** is preferably of less height, e.g., in the order of 2 inches so as to minimize the chance of injury in the event of fall. Nevertheless, even this amount of can height gives the child a noticeable sense of elevation and simultaneously, the excitement of the amplified clapping noise.

Having described the invention what is claimed is:

1. A noise making shoe attachment comprising:

(a) a hollow can having open upper and lower ends;

(b) an upper plate member secured to said can upper end and providing a support surface adapted to receive a wearer's shoe thereon;

(c) attaching means for holding said upper platform member against the wearer's shoe;

(d) a lower plate member disposed parallel to said upper plate member and secured to and covering said can lower end, said plate members and can providing a sound chamber; and

(e) a ground engaging plate positioned below said lower plate member and having its forward end pivotally connected to the forward end of said lower plate member, said ground plate being adapted under the natural stepping motion of the wearer to periodically clap against said lower plate member and thereby produce sounds amplified by said chamber.

2. A noise making shoe attachment as claimed in claim **1** including strap means for securing said upper plate member to the shoe of the wearer thereof.

3. A noise making shoe attachment as claimed in claim **1** including a strap secured thereto and arranged for holding said upper plate member in engagement with the shoe of the wearer thereof.

4. A noise making shoe attachment as claimed in claim **1** wherein said can is metal.

References Cited

UNITED STATES PATENTS

1,545,437	7/1925	Malone et al.	36—7.8
2,644,248	7/1953	Seligman	36—7.8 X
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PATRICK D. LAWSON, Primary Examiner