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2,528,249

VACUUM CLEANER CHEST

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Fig. 1

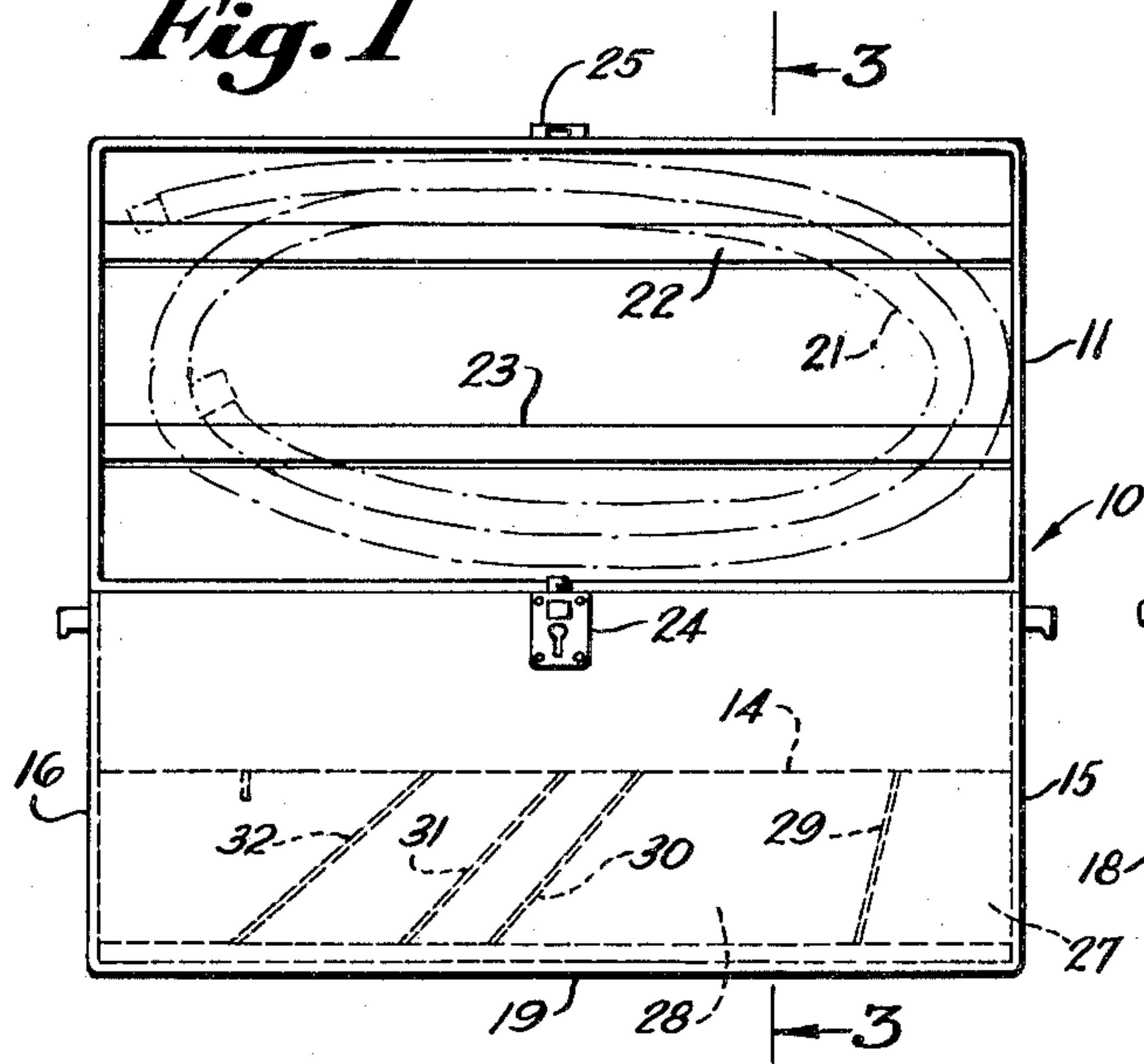


Fig. 3

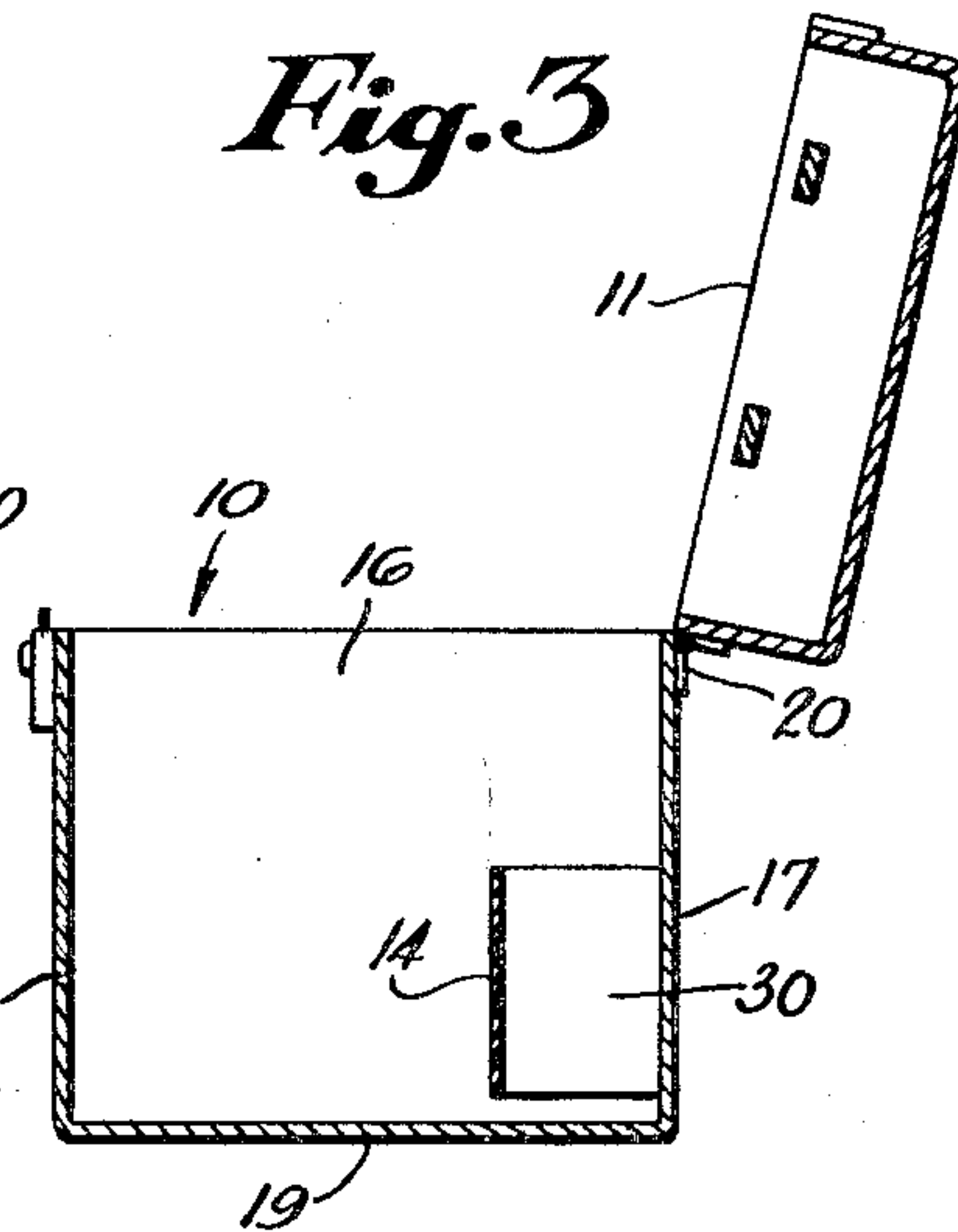


Fig. 2

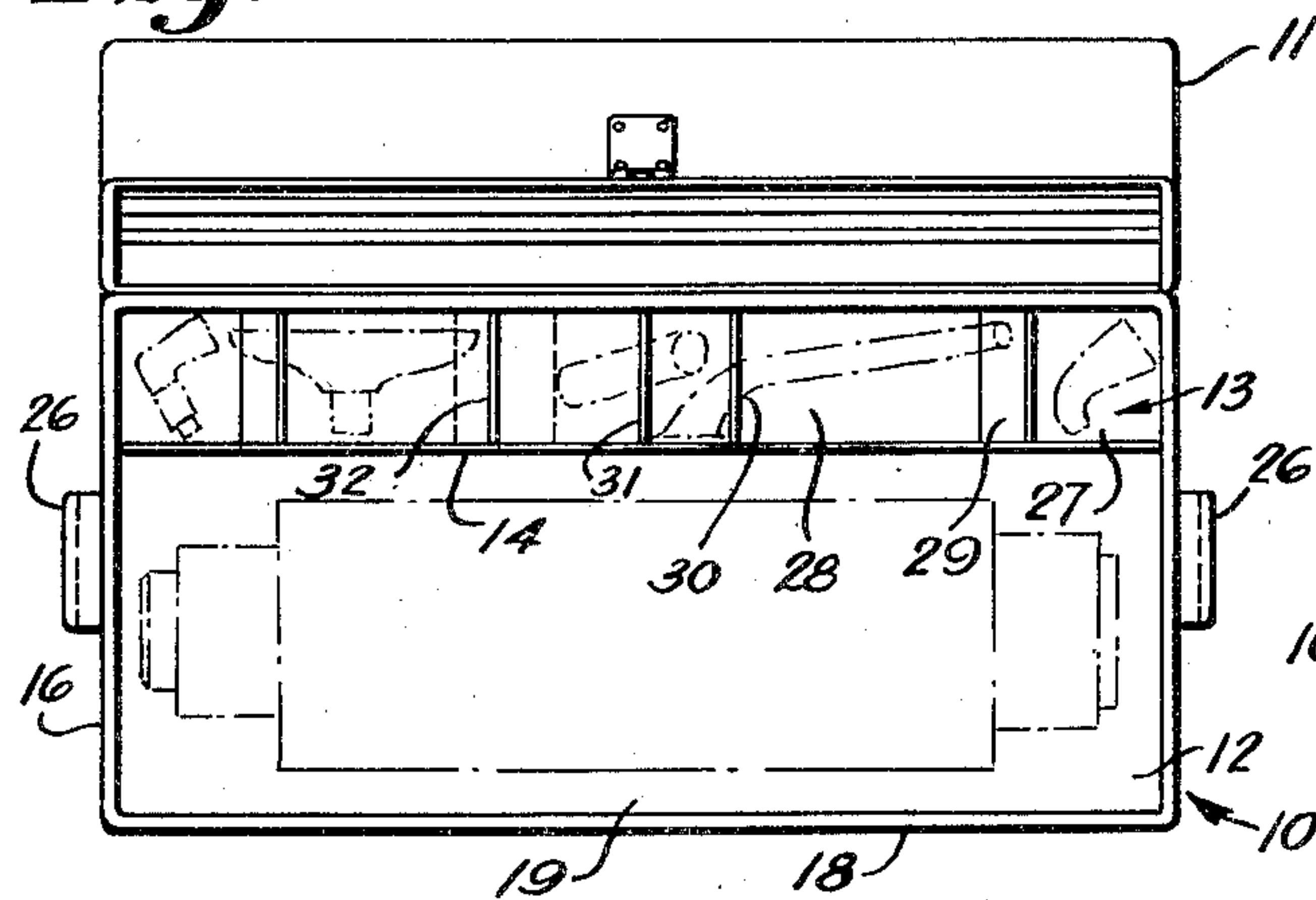


Fig. 4

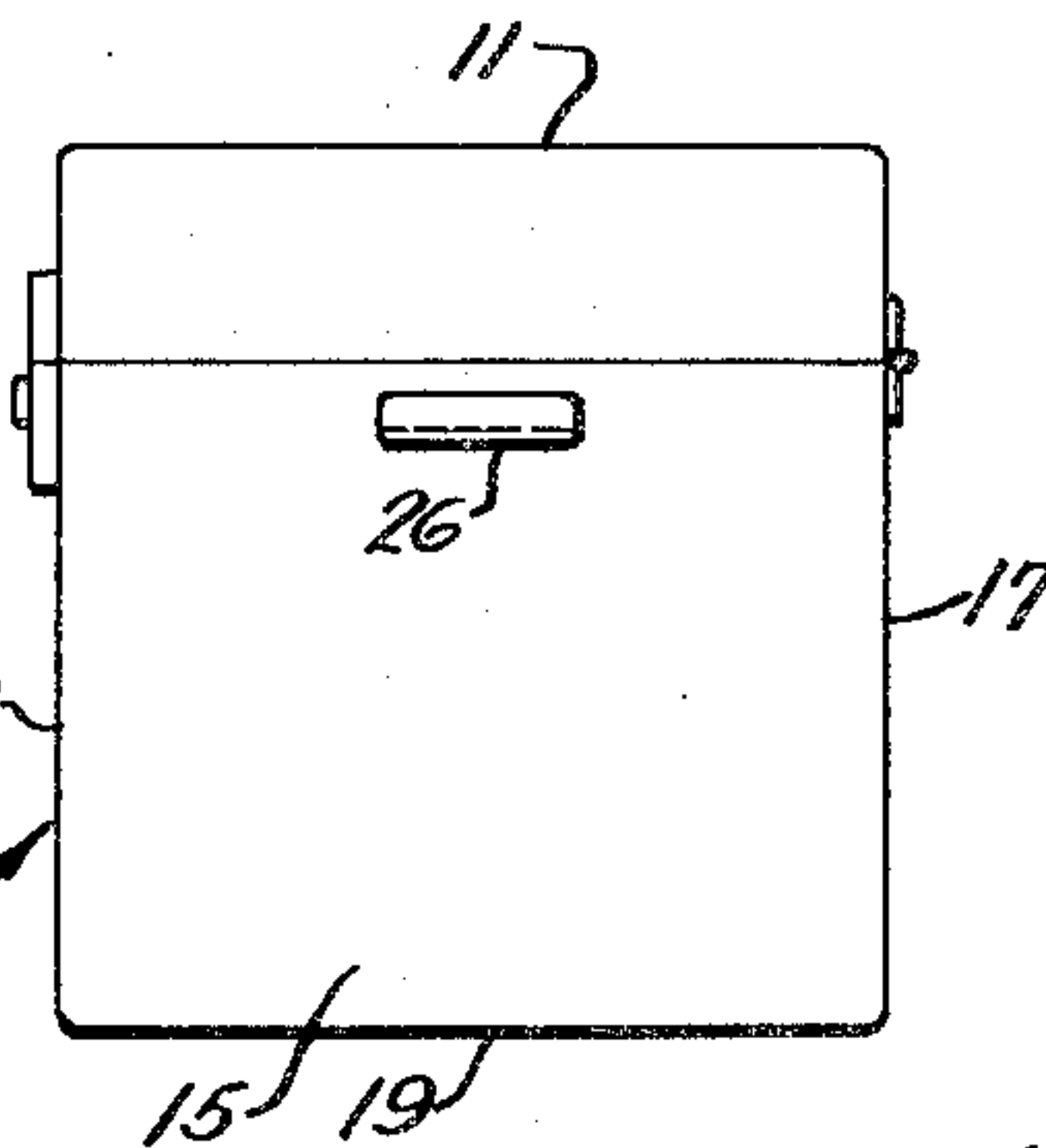
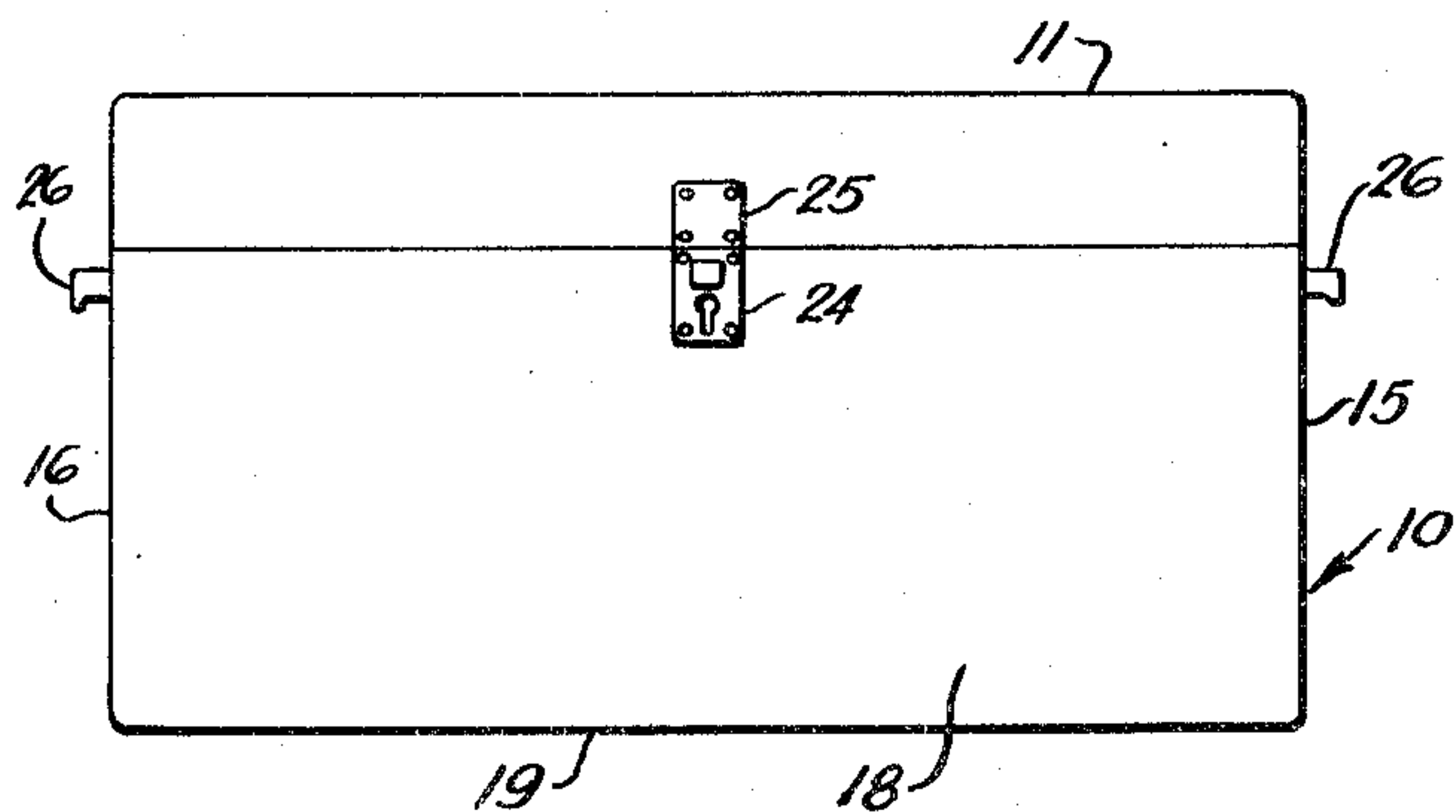


Fig. 5



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VACUUM CLEANER CHEST

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1 Claim. (Cl. 206—16)

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This invention relates to a vacuum cleaner chest designed to store the cleaner, flexible hose, and other accessories.

Up to the present, the numerous accessories forming a part of the vacuum cleaner equipment have been lost or misplaced primarily due to the lack of proper provision for storage. Moreover, the cleaner itself has presented a storage problem of no small magnitude and is frequently left in exposed positions to the detriment of the reasonable life span that may be expected from the average vacuum cleaner.

It is an object of the instant invention to provide a chest or container that will house the vacuum cleaner, hose, and other accessories under one cover.

A further object is to provide a vacuum cleaner chest that is readily cleaned.

Still another object is the creation of a vacuum cleaner chest that may be quickly transported from point to point.

It is also an object of the instant invention to provide a vacuum cleaner chest that can be easily stored when out of use.

Other objects of the instant invention will become apparent in the course of the following specification.

In the accomplishment of these objectives, a chest is formed in the usual manner and dimensioned in accordance with the type of vacuum cleaner to be housed. The lid of the chest is recessed on the inside so that a suitable space is provided for the removable insertion of the flexible hose. On the inside, the chest is longitudinally partitioned to make a separate space at the front for housing the vacuum cleaner. At the back, the space remaining over from the front compartment is further divided into separate compartments in which the partitions are biased downwardly from the top to the bottom to provide suitable storage space for the accessories of such varied shape as normally supplied with vacuum cleaners. All partitions may be spaced from the bottom of the chest to facilitate cleaning. Means for maintaining the lid in the closed position and handle means for transporting the chest may be provided.

The invention will appear more clearly from the following detailed description when taken in connection with the accompanying drawing showing by way of example a preferred embodiment of the invention.

In the drawings:

Figure 1 is a front elevational view of the vacuum cleaner chest with the lid open and con-

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structed in accordance with the principles of this invention.

Figure 2 is a plan view of the top of the vacuum cleaner chest shown in Figure 1.

Figure 3 is a sectional view along the line 3—3 of Figure 1.

Figure 4 is an end elevational view of the vacuum cleaner chest shown in Figure 1 with the lid shown in closed position.

Figure 5 is a front elevational view of the vacuum cleaner chest shown in Figure 1 with the lid shown in closed position.

Referring now in greater detail to the drawings in which like reference numerals indicate like parts, reference numeral 10 indicates the chest, 11 the lid or cover member, 12 (Fig. 2) the front compartment, and 13 (Fig. 2) the back compartment which are separated by the longitudinally disposed partition member 14 (Figs. 1 and 2).

The chest 10 is made from any suitable material and is formed with the spaced parallel end members 15 and 16, back member 17 spaced parallel with the front member 18, and base member 19, the members being joined along corresponding edges in any known manner.

The lid or cover member 11 is hinged along the upper edge of the spaced parallel back member 17 by any suitable means 20. As most clearly shown in Figure 3, the lid 11 is recessed and for the purpose of providing storage space for the flexible hose 21. The flexible hose 21 being of relatively light weight is especially adapted for storage in the lid 11 and is held removable in place by the spaced parallel slats 22 and 23 over the inside surface portions of which it may be readily inserted and removed. The lid 11 is further provided with a latch 24 coacting with a keeper 25 to maintain the lid 11 in the closed position and thus permit storage of the chest in a number of different positions to facilitate the diverse accommodations of the many types of owners. Any suitable handle means 26 are attached to the spaced parallel end members 15 and 16 by any known means. Obviously, other types of handle members could be used.

The interior of the chest 10 is longitudinally divided by the partition member 14 into the front compartment 12 which is designed for the storage of the vacuum cleaner and which may be made in any size and shape in accordance with the design of the vacuum cleaner. The partition member 14 is secured between the spaced parallel end members 15 and 16 on the inside but does not extend all the way downwardly to the base member 19 as shown in Figure 1. This type of construc-

tion has been found to greatly facilitate cleaning the interior of the chest 10.

The back compartment 13 formed by the partition member 14 is further divided into a number of smaller compartments 27, 28, and the like which are made with the downwardly extended subpartition members 29, 30, 31, and 32 which, it will be noted especially in Figure 1, are disposed at an angle to the plane of the base 19 but like the partition member 14 fall short of actually reaching said base in order to further facilitate the internal cleaning operation of the chest 10. The positioning of the subpartition members will vary in accordance with the design of the accessories to be housed and it has been found that the storage of the various parts is greatly facilitated by this special design of the compartment. Any suitable means may be used for attaching the subpartition members between the inside surface partition of the spaced parallel back member 17 and previously mentioned partition member 14.

The operation is as follows: Assuming that all the parts have been removed from the chest 10 and it is desired to store the equipment for the next operation, the flexible hose 21 is disconnected from the vacuum cleaner and inserted above the slats 22 and 23 which is accomplished by winding the hose around and around until it assumes the position shown in Figure 1. The vacuum cleaner is then inserted in the front compartment 12. Of course, the size and shape of the compartment will depend upon the design of the particular vacuum cleaner to be housed. The accessories are then placed in the subcompartments 27 and 28 which have been especially designed with the biased subpartition members 29, 30, and the like to house the particular accessory or accessories. The lid or cover member 11 is then closed and secured by the latch 24 coacting with the keeper 25 and the chest 10 is ready for storage in any suitable location with the many vital parts of the equipment thoroughly secured against loss whereby the usefulness of the device is so frequently impaired.

It is apparent that the specific illustration shown has been given by way of illustration and not by way of limitation and that the structure above described is subject to wide variation and

modification without departing from the scope or intent of the invention, all of which variations and modifications are to be included within the scope of the present invention.

What is claimed is:

A vacuum cleaner chest, the chest comprising spaced parallel end members, spaced parallel front and back members, a base member, means joining said members along corresponding edges, a cover member hingedly disposed along the upper edge of the spaced parallel back member, the cover member being recessed, at least one slat disposed substantially parallel to the longitudinal center line of the cover member at the bottom of the recess and adapted for the removable insertion of a flexible hose, the chest further comprising a partition member disposed between the spaced parallel end members intermediate the spaced parallel front and back members and adapted to form a storage compartment for the vacuum cleaner at the front of the chest, subdivision partition members disposed on the opposite side of the partition member between the spaced parallel back member and the partition member intermediate the spaced parallel end members, said subdivision members being biased downwardly and forming different acute angles with the base member to provide storage space for the vacuum cleaner accessories at the back of the chest, the lower ends of the partition member and the subdivision partition members terminating in a plane located substantially above the base member.

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REFERENCES CITED

The following references are of record in the file of this patent:

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