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PET EXCREMENT COLLECTION APPARATUS

Abstract

An excrement collection apparatus for collecting excrement from an animal before the excrement reaches the ground and without touching the excrement directly includes a ring which defines an aperture therein. The ring has a size and is configured to support a bag in the aperture via a rim of the bag folded over the ring. A receiver is coupled to and extends away from the ring, and an elongated pole is removably couplable to the receiver.

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Background/Summary

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] Not Applicable

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

[0002] Not Applicable

THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT

[0003] Not Applicable

INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC
OR AS A TEXT FILE VIA THE OFFICE ELECTRONIC FILING SYSTEM

[0004] Not Applicable

STATEMENT REGARDING PRIOR DISCLOSURES BY THE INVENTOR OR JOINT
INVENTOR

[0005] Not Applicable

BACKGROUND OF THE INVENTION

(1) Field of the Invention

[0006] The disclosure relates to excrement collection apparatuses and more particularly pertains to a new excrement collection apparatus for collecting excrement from an animal before the excrement reaches the ground and without touching the excrement directly.

(2) Description of Related Art Including Information Disclosed Under 37 CFR 1.97 and 1.98

[0007] The prior art relates to excrement collection apparatuses and includes various devices for holding a bag near an animal while the animal defecates to catch excrement dropped from the animal into the bag. However, the prior art fails to describe such an apparatus which uses a ring and hooks to secure the bag via a rim and handles of the bag, and which has a receiver adapted to couple to a threaded pole.

BRIEF SUMMARY OF THE INVENTION

[0008] An embodiment of the disclosure meets the needs presented above by generally comprising a ring which defines an aperture therein. The ring has a size and is configured to support a bag in the aperture via a rim of the bag folded over the ring. A receiver is coupled to and extends away from the ring, and an elongated pole is removably couplable to the receiver.

[0009] There has thus been outlined, rather broadly, the more important features of the disclosure in order that the detailed description thereof that follows may be better understood, and in order that the present contribution to the art may be better appreciated. There are additional features of the disclosure that will be described hereinafter and which will form the subject matter of the claims appended hereto.

[0010] The objects of the disclosure, along with the various features of novelty which characterize the disclosure, are pointed out with particularity in the claims annexed to and forming a part of this disclosure.

Description

BRIEF DESCRIPTION OF SEVERAL VIEWS OF THE DRAWING(S)

[0011] The disclosure will be better understood and objects other than those set forth above will become apparent when consideration is given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

[0012] FIG. 1 is a front perspective view of an excrement collection apparatus according to an embodiment of the disclosure.

[0013] FIG. 2 is a rear exploded perspective view of an embodiment of the disclosure.

[0014] FIG. 3 is a top rear perspective detail view of a ring, a receiver, and a pair of hooks of an embodiment of the disclosure.

[0015] FIG. 4 is a bottom rear perspective detail view of a ring, a receiver, and a pair of hooks of an embodiment of the disclosure.

[0016] FIG. 5 is a detail in-use view of an embodiment of the disclosure with a bag mounted in a ring of the embodiment.

[0017] FIG. 6 is an in-use view of an embodiment of the disclosure.

DETAILED DESCRIPTION OF THE INVENTION

[0018] With reference now to the drawings, and in particular to FIGS. **1** through **6** thereof, a new excrement collection apparatus embodying the principles and concepts of an embodiment of the disclosure and generally designated by the reference numeral **10** will be described.

[0019] As best illustrated in FIGS. **1** through **6**, the excrement collection apparatus **10** generally comprises a ring **12** which defines an aperture **14** therein. The ring **12** has a size and is configured to support a bag **30** in the aperture **14** via a rim **32** of the bag **30** that is folded over the ring **12**. The ring **12** has a circular shape so that the rim **32** of the bag **30** is expanded as far as possible for the area of the aperture **14**. A receiver **16** is coupled to and extends away from the ring **12**. The receiver **16** defines a cavity **18** therein which has an open end **20** positioned distally from the ring **12**. The receiver **16** also has internal threads **22** in the cavity **18**. The receiver **16** forms an obtuse angle with the ring **12**.

[0020] A pair of hooks **24** is coupled to the ring **12**. The hooks **24** extend outwardly from the ring **12** in a same direction. Each hook **24** is configured to engage an associated handle **34** of a pair of handles **34** of the bag **30** to secure the bag **30** on the ring **12**. The hooks **24** are positioned on opposite sides of the receiver **16**. The ring **12**, the receiver **16**, and the hooks **24** are integrally formed with each other and may be made of a plastic or any other suitable material.

[0021] An elongated pole **26** is removably couplable to the receiver **16**. The elongated pole **26** is receivable into the cavity **18** of the receiver **16** and has external threads **28** which are complementary in shape to the internal threads **22** of the receiver **16**. The elongated pole **26** may comprise a broomstick or the like which may also be adapted to removably couple to broom heads, mop heads, and the like. In some embodiments, the elongated pole **26** may be telescopically extendable so that the elongated pole **26** may be collapsed for storage and extended for use.

[0022] In use, the elongated pole **26** is coupled to the receiver **16**. The handles **34** of the bag **30** are interlocked with the hooks **24** and the rim **32** of the bag **30** is wrapped around the ring **12**. The elongated pole **26** is grasped and positioned such that the ring **12** is placed below an animal **36** in the process of defecation such that excrement **38** dropped by the animal **36** may be caught in the bag **30**. The receiver **16** directs the elongated pole **26** up and away from the ring **12** so that a user **40** may stand upright behind the animal **36** while using the apparatus **10**. The hooks **24** also point away from the elongated pole **26** so that the handles **34** of the bag **30** are positioned away from the animal **36** during use. After collecting the excrement **38** in the bag **30**, the user **40** may remove the handles **34** of the bag **30** from the hooks **24** without touching the excrement **38** or touching the portions of the bag **30** containing the excrement **38**. The handles **34** may be tied together and the bag **30** and the excrement **38** may be discarded.

[0023] With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of an embodiment enabled by the disclosure, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed readily apparent and obvious to one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by an embodiment of the disclosure.

[0024] Therefore, the foregoing is considered as illustrative only of the principles of the disclosure. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the disclosure to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the disclosure. In this patent document, the word “comprising” is used in its non-limiting sense to mean that items following the word are included, but items not specifically mentioned are not excluded. A reference to an element by the indefinite article “a” does not exclude the possibility that more than one of the element is present, unless the context clearly requires that there be only one of the elements.

Claims

1. An excrement collection apparatus comprising: a ring defining an aperture therein, the ring having a size and being configured to support a bag in the aperture via a rim of the bag folded over the ring; a receiver coupled to and extending away from the ring; and an elongated pole being removably couplable to the receiver.
 2. The apparatus of claim 1, wherein: the receiver defines a cavity therein, the cavity having an open end positioned distally from the ring; and the elongated pole is receivable into the cavity of the receiver.
 3. The apparatus of claim 2, wherein the elongated pole has external threads which are complementary in shape to internal threads of the receiver.
 4. The apparatus of claim 2, wherein the receiver forms an obtuse angle with the ring.
 5. The apparatus of claim 1, wherein the ring has a circular shape.
 6. The apparatus of claim 1, wherein the receiver is integrally formed with the ring.
 7. The apparatus of claim 1, further comprising a pair of hooks coupled to the ring, each hook extending outwardly from the ring, the pair of hooks extending in a same direction, each hook being configured to engage an associated handle of a pair of handles of the bag to secure the bag on the ring.
 8. The apparatus of claim 7, wherein the hooks are positioned on opposite sides of the receiver.
 9. The apparatus of claim 7, wherein the pair of hooks is integrally formed with the ring.
 10. An excrement collection apparatus comprising: a ring defining an aperture therein, the ring having a size and being configured to support a bag in the aperture via a rim of the bag folded over the ring, the ring having a circular shape; a receiver coupled to and extending away from the ring, the receiver defining a cavity therein, the cavity having an open end positioned distally from the ring, the receiver forming an obtuse angle with the ring, the receiver being integrally formed with the ring; an elongated pole being removably couplable to the receiver, the elongated pole being receivable into the cavity of the receiver, the elongated pole having external threads which are complementary in shape to internal threads of the receiver; and a pair of hooks coupled to the ring, each hook extending outwardly from the ring, the pair of hooks extending in a same direction, each hook being configured to engage an associated handle of a pair of handles of the bag to secure the bag on the ring, the pair of hooks being positioned on opposite sides of the receiver, the pair of hooks being integrally formed with the ring.
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