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Portable pet grooming device

Abstract

A portable pet hair brush device for grooming pets while being walked by mounting the brush device onto the pet leash or use independently by removing the brush device from the pet leash. The portable pet grooming device for brushing hair of pets comprises a base, wherein the base further comprises a plurality of containers including a top cover and a bottom case and a latch in the center of the top cover and the bottom case to lock the device; at least one pad; and multiple bristles, wherein the bristles are mounted on one side of the pad and the other side of the pad is then attached on the exterior of the top and bottom of the base, respectively.

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Background/Summary

FIELD OF THE INVENTION

(1) The present invention relates to a portable pet hair brush attached to a pet's leash. The invention, more particularly, relates to a pet hair brush which when attached onto a pet's leash combines the task of walking the pet and brushing its hair during their walk.

BACKGROUND OF THE INVENTION

(2) Pet grooming is a long and expensive process especially if the pet has a long and difficult coat of hairs. Their hair becomes strained with food or dirt from the garden or the park and if not brushed regularly can create tangles and knots which makes the grooming process more time consuming. In addition, there are pets who resist getting their hair brushed. It is important that their hair is brushed regularly to maintain a healthy and clean coat. However, many a times, the owners forget or avoid regularly brushing their pet's hair as it not only requires care and takes time but also makes a mess at the house which needs further clean-up.

(3) Therefore, a need remains for a device that is portable, smart, easy to use, saves time and avoids making a mess. Further, there is a need for a device that can not only groom pets with difficult coats but also is appealing to the pets so that they do not resist the brushing of their hairs.

SUMMARY OF THE INVENTION

(4) This Summary is provided to introduce a selection of concepts in a simplified form that are

further described below in the Detailed Description of the invention. This Summary is not intended to identify key aspects or essential aspects of the claimed subject matter. Moreover, this Summary is not intended for use as an aid in determining the scope of the claimed subject matter.

(5) The present application discloses a portable pet hair brush device for grooming pets while being walked by mounting the said brush device onto the leash or use independently by removing the brush device from the leash.

(6) It is an object of this invention to provide a portable, self-cleaning pet grooming device in the shape of a bone with bristles on opposite sides of a base and a storage space formed within the base. The grooming device is preferably mounted on a pet leash resulting in grooming of pets/animals while being walked.

(7) It is another object of this invention to provide a hair brush comprising a storage base, at least one pad, and bristles, wherein the bristles are mounted on one side of the pad and the other side of the pad is then attached on the exterior of the top and bottom of the base respectively. The bristles provided may include a rough brush with conic bristles and rounded tip mounted on one exterior side of the storage base whereas a soft brush with traditional fine bristles mounted on the opposite exterior side of the storage base.

(8) It is an additional object of the invention to provide a storage base comprising of a plurality of containers including a top cover and a bottom case, and a latch in the center of the top cover and the bottom case to lock the storage base when the top cover and the bottom case come in full contact with each other. The plurality of containers clamp together onto the pet leash to remain stationary while in movement of either walking or while brushing the pet. The top cover and the bottom case of the base create an internal cavity in which contents can be stored. The contents may include, but not limited to, waste bags, treats for pets, or keys. The inner cavity may have bristles to help the device adhere to multiple pet leash types (i.e. flat strap or rounded ropes). Moreover, the plurality of containers has space on the outside surface around the pads to be used as a handle or provide grip while brushing the hair manually. The pet owner will groom their pet by holding the leash protruding from both ends of the brush device or by removing the brush device from the leash and utilizing the available handles or grips on each end of the device.

(9) It is yet another object of the invention to provide an illumination coating on either the brush or the base or both thereby making the pet and its owner or walker visible to the vehicles & people on the road during night walking or if the pet is lost.

(10) It is still another object of this invention to provide a lengthwise brush made of rubber or silicone with pet safe rounded tip bristles of two different sizes on the exterior of the top and bottom surface of the base.

(11) In a preferred embodiment, a portable pet grooming device for brushing hair of pets comprises a base, wherein the base further comprises a plurality of containers including a top cover and a bottom case, and a latch in the center of the top cover and the bottom case to lock the base when the top cover and the bottom case come in full contact with each other, wherein a storage space is formed within the base by the top cover and the bottom case of the base, wherein the storage space includes grooves for holding a pet leash and an internal cavity for storing contents; at least one brush pad; multiple bristles mounted on one side of a brush pad forming a lengthwise brush, wherein the other side of the brush pad is affixed on the exterior of the top cover and the bottom case of the base, respectively; wherein the grooming device is preferably mounted on a pet leash resulting in grooming of pets/animals while being walked or the grooming device is used independently by removing the grooming device from the leash.

(12) These together with other objects and advantages which will become subsequently apparent reside in the details of the invention as more fully described and claimed, reference being had to the accompanying drawings forming a part thereof, wherein like numerals refer to like parts throughout.

Description

BRIEF DESCRIPTION OF THE DRAWINGS

(1) The novel features of the invention, as well as the invention itself, both as to its structure and its operation will be best understood from the accompanying drawings, taken in conjunction with the accompanying description, in which similar reference characters refer to similar parts, and in which:

- (2) FIG. 1: shows a top view of the pet grooming device of the present invention;
- (3) FIG. 2: shows a view of the pet grooming device with a detached bottom brush pad;
- (4) FIG. 3a: shows a front and open view of the pet grooming device of the present invention;
- (5) FIG. 3b: shows a side open view of the pet grooming device of the present invention;
- (6) FIG. 4a: shows a front & closed view of the pet grooming device of the present invention;
- (7) FIG. 4b: shows a side closed view of the pet grooming device of the present invention;
- (8) FIG. 5: depicts a top open view of the pet grooming device of the present invention; and
- (9) FIG. 6: shows an open view with detached bottom brush pad of the pet grooming device of the present invention.

DETAILED DESCRIPTION OF THE INVENTION

(10) What follows is a description of various aspects, embodiments and/or examples in which the invention may be practiced. Reference will be made to the attached drawings, and the information included in the drawings is part of this detailed description. The aspects, embodiments and/or examples described herein are presented for exemplification purposes, and not for limitation purposes. It should be understood that structural and/or logical modifications could be made by someone of ordinary skill in the art without departing from the scope of the invention.

(11) The present invention combines the function of a pet brush that can travel with the pet via its own leash as compared to a normal pet brush that would have to be carried during walks and not desired in any pocket. Moreover, if the pet gets dirty while playing in the park, the owner or the pet walker can immediately brush the hair or coat of the pet with the pet hair brush of the present invention. The pet grooming device of the present invention can be either attached onto a leash or used independently as a hair brush or as a retrievable toy for the pets.

(12) As shown in FIGS. 1-6, the pet grooming device **10** of the present invention comprises at least one hair brush pad **16** and a storage base or box **11**. The storage base **11** further comprises a plurality of containers including a top cover **17** and a bottom case **19**, and a latch **18** in the center of the top cover **17** and the bottom case **19** to lock the storage base **11** when the top cover **17** and the bottom case **19** come in full contact with each other. The pet grooming device **10** of the present invention further comprises multiple bristles for brushing pet hair. As seen in FIG. 1, one side of the brush pad **16** further includes circular holes **15** in which multiple bristles are mounted. The other side of the brush pad **16** is then attached on the outside of the top cover **17** and bottom case **19** of the storage base **11** respectively. The brush pad **16** is attached onto the storage base **11** via adhesive like glue applied to the brush pad or the storage base or both. The bristles provided may include a rough brush with conic bristles and rounded tip **21** on one side of the storage base **11** whereas a soft brush with traditional longer, fine bristles **20** on the opposite side of the storage base **11**. As shown in FIG. 2, the longer, soft & smooth bristles **20** are attached on the top cover **17** whereas shorter, hard tip bristles **21** are attached on the exterior of the bottom case **19**.

(13) The storage base further includes a latch **18** wherein the latch cover **18a** is in the center of the top cover **17** and a latch slot **18b** is in the bottom case **19** to receive the latch cover **18a** thereby locking the storage base **11**. As shown in FIGS. 5 & 6, the storage base **11** of the device **10** further consists of internal cavities or spaces **22** to store or hold various contents. The top cover **17** and the bottom case **19** of the base create an internal cavity **22** in which contents can be stored. The contents may include waste bags, treats for the pets, wipes or tissues. The waste bags can be

dispensed without a need to open the storage base **11** of the pet grooming device **10**.

(14) The plurality of containers **17** & **19** clamp together over the pet leash to remain stationary while in movement of either walking or while brushing the pet. As shown in FIGS. **5** & **6**, the storage base **11** of the pet hair brush device **10** houses a groove or channel **23a** in the top cover **17** and **23b** in the bottom case **19** for holding onto the pet leash. The groove or channels **23a** & **23b** may have additional bristles or pins to produce a strong hold onto the end-users leash. The groove or channels **23a** & **23b** can hold all sizes and types of leashes like flat leads, rubber leads, slip leads or harness. The leash is placed in the grooves and the top cover and bottom case is closed thereby attaching onto the leash. The pet grooming device **10** of the present invention can be placed or attached at any point on the leash. For e.g. it may be near the neck of the pet or towards the end of the leash or in the middle of the leash. The location can be decided as per the comfort of the owner walking the pet or the body part where the owner would like to brush pet's hairs. The device can be easily moved throughout the leash without opening the containers. The pet owner will groom their pet by holding the leash protruding from both ends of the storage box or by removing the brush from the leash and utilizing the available handles or grips on each end of the box surface.

(15) The storage base **11** is preferably made up of one single molded piece wherein both halves, the top cover **17** and the bottom case **19**, are joined together with a flexible hinge **13** as can be seen in FIGS. **5** & **6**. The storage base **11** can be made up of hard plastic, rubber, or silicone. It is preferably made of rubber as it may bend to the contour of the pet's body thereby making brushing easy and painless. In one embodiment, the storage base **11** is made of thermoplastic polymer like polypropylene to provide durability, flexibility and heat resistance to the device. The storage base may be made up of clear and transparent plastic which will provide a clear view of the contents within the box. In one embodiment, this pet grooming device of the present invention could serve as a throwable retrieving toy when made up of hard rubber.

(16) The pet hair brush mounted on a storage base may come in different shapes and sizes. The shapes of the storage base and the brush pad may include, but not limited to, rectangle, round, or a bone shape. It is preferably made in a dog bone shape thereby making it appealing to the pets especially dogs. Moreover, the grooming device of the present invention can be an attractive chew toy as well due to its various shapes.

(17) In one embodiment, the grooming device of the present invention may include a safety feature due to the hair brush's location, especially when attached to a pet leash. The device can be provided with high visibility or illumination coatings thereby making the pet and its owner visible to vehicles during dark night walks. The said illumination coating may also help in locating the pet if it wanders and gets lost.

(18) The grooming device of the present invention makes it convenient for users to brush their pets on the go. It may further appeal to the equestrians and horse owner communities.

(19) While many of the fundamental characteristics and features of the pet grooming device have been described herein, with reference to particular embodiments thereof, a latitude of modification, various changes and substitutions are intended in the foregoing disclosure, and it should be apparent that in some instances some features of the invention will be employed without a corresponding use of other features without departing from the scope of the invention as set forth. It should be understood that such substitutions, modifications, and variations may be made by those skilled in the art without departing from the spirit and scope of the invention. Consequently, all such modifications and variations are included within the scope of the invention as defined herein.

Claims

1. A portable pet grooming device for brushing hair of pets comprising: a base, wherein the base further comprises a plurality of containers including a top cover and a bottom case, and a latch in the center of the top cover and the bottom case to lock the base when the top cover and the bottom

case come in full contact with each other, wherein a storage space is formed within the base by the top cover and the bottom case of the base, wherein the storage space includes grooves inside of the top cover and the bottom case, respectively, for holding a pet leash and an internal cavity for storing contents; wherein the plurality of containers forming the storage base clamp together over the pet leash to remain stationary while in movement of either walking or while brushing the pet; a first brush pad and a second brush pad; wherein the first brush pad is affixed on the exterior of the top cover; wherein the second brush pad is affixed on the exterior of the bottom case; multiple bristles mounted on one side of the first brush pad forming a lengthwise brush, wherein the multiple bristles are of different sizes, wherein the first brush pad has conic bristles and rounded tip whereas the second brush pad has fine bristles; wherein the grooming device is preferably mounted on a pet leash resulting in grooming of pets/animals while being walked or the grooming device is used independently by removing the grooming device from the leash.

2. The portable pet grooming device of claim 1, wherein contents stored in the inner cavity includes waste bags, treats for pets, or keys.

3. The portable pet grooming device of claim 1, wherein the inner cavity grooves have additional bristles or pins to secure the device adhere to multiple pet leash types like flat strap or rounded ropes of all sizes and types of leashes.

4. The portable pet grooming device of claim 1, wherein an illumination coating is provided on the brush pad or the storage base or both thereby making it visible to vehicles on the road or during night walks.
