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### BIRD PERCH MOUNTED TO MONITOR

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#### Abstract

A bird perch that removably mounts to a panel. The bird perch includes a rail system including an upper rail and two outer rails. Each of the outer rails are connected by first and second curved supports to the upper rail. Two changeable, protective inserts supported in the first and second curved supports and easily removed for fast clean up.

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#### Background/Summary

##### TECHNICAL FIELD OF THE INVENTION

[0001] The present invention relates generally to a bird perch and more particularly to a bird perch mounted to a monitor.

##### BACKGROUND OF THE INVENTION

[0002] Conventional bird perches are typically mounted outside to provide wild birds bird food

with many ordinary conveniences including squirrel traps and water containers. However, some users have birds inside their home and require a bird feeder conveniently placed.

[0003] Bird perches are usually permanently affixed to bird houses or cages, or free-standing permanent stands. Some are designed for attachment to other objects, such as golf carts, etc., or include attachments such as bird dropping trays, along with a suction cup for attaching to a solid wall, mirror or the like. There appears to be no known portable bird perch which is completely collapsible quickly, so that the bird owner can collapse the bird perch quickly into a convenient size for carrying, to facilitate relocating the bird handily from one place to another, such as taking the bird from the owner's home to someone else's home, or to the office, or outdoors, or from room-to-room within the home, and the like: And upon arrival at the new place, the bird perch can be quickly assembled in a few seconds.

#### SUMMARY OF THE INVENTION

[0004] According to the present invention, a bird perch that removably mounts to a panel. The bird perch includes a rail system including an upper rail and two outer rails. Each of the outer rails are connected by first and second curved supports to the upper rail. Two changeable, protective inserts supported in the first and second curved supports and easily removed for fast clean up.

[0005] Further according to the present invention, a bird perch that removably mounts to a panel, comprises a rail system including an upper rail and two outer rails. Each of the outer rails are connected by first and second curved support to the upper rail. Two changeable, protective inserts supported in the first and second curved supports and gripped by the upper rail and two outer rails. The two changeable, protective inserts being easily removed for fast clean up.

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## Description

#### BRIEF DESCRIPTION OF DRAWINGS

[0006] The structure, operation, and advantages of the present invention will become further apparent upon consideration of the following description taken in conjunction with the accompanying figures (Figs.). The figures are intended to be illustrative, not limiting. Certain elements in some of the figures may be omitted, or illustrated not-to-scale, for illustrative clarity. The cross-sectional views may be in the form of "slices", or "near-sighted" cross-sectional views, omitting certain background lines which would otherwise be visible in a "true" cross-sectional view, for illustrative clarity.

[0007] In the drawings accompanying the description that follows, both reference numerals and legends (labels, text descriptions) may be used to identify elements. If legends are provided, they are intended merely as an aid to the reader, and should not in any way be interpreted as limiting.

[0008] FIG. 1 is a top, three-dimensional view of a bird perch mounted to a laptop panel, in accordance with the present invention.

[0009] FIG. 2 is an end, three-dimensional view of the bird perch of FIG. 1 mounted to a laptop panel, in accordance with the present invention.

[0010] FIG. 3 is an end, three-dimensional view of the bird perch of FIG. 1 mounted to a laptop panel and having troft inserts secured to either side of the bird perch, in accordance with the present invention.

[0011] FIG. 4 is a top, exploded view of the parts used to construct the bird perch of FIG. 3 adapted to mount to a laptop panel, in accordance with the present invention.

[0012] FIG. 5 is a bottom, three-dimensional view of a paper troft, in accordance with the present invention.

[0013] FIG. 6 is a front, three-dimensional view of a paper troft, in accordance with the present invention.

[0014] FIG. 7 is a rear, three-dimensional view of paper secured to a paper troft, in accordance with

the present invention.

[0015] FIG. **8** is an end, three-dimensional view of a bird perch mounted by magnets to a laptop panel, in accordance with the present invention.

[0016] FIG. **9** is a side, three-dimensional view of the bird perch of FIG. **8** mounted by magnets to a laptop panel, in accordance with the present invention.

[0017] FIG. **10** is a side, three-dimensional view of the bird perch of FIG. **8** mounted by magnets to a laptop panel, in accordance with the present invention.

[0018] FIG. **11** is a three-dimensional view of a clamp with magnets for mounting the bird perch of FIG. **8** to a laptop panel, in accordance with the present invention.

#### DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0019] In the description that follows, numerous details are set forth in order to provide a thorough understanding of the present invention. It will be appreciated by those skilled in the art that variations of these specific details are possible while still achieving the results of the present invention. Well-known processing steps are generally not described in detail in order to avoid unnecessarily obfuscating the description of the present invention.

[0020] In the description that follows, exemplary dimensions may be presented for an illustrative embodiment of the invention. The dimensions should not be interpreted as limiting. They are included to provide a sense of proportion. Generally speaking, it is the relationship between various elements, where they are located, their contrasting compositions, and sometimes their relative sizes that is of significance.

[0021] In the drawings accompanying the description that follows, often both reference numerals and legends (labels, text descriptions) will be used to identify elements. If legends are provided, they are intended merely as an aid to the reader, and should not in any way be interpreted as limiting.

[0022] Referring to FIG. **1**, there is illustrated a bird perch **10** that mounts to a laptop **12**, or panel monitors, TVs, and inter-changeable panels for easy clean up and customization. The bird perch **10** can also be used as a rail system **13** as shown in FIGS. **1**, **2** and **3** with top rail **14** and bottom rails **16** and **18** for different uses, such as mounting on a stand or tripod, supporting a treat bowl or toys **20**, and/or a divider to separate birds that squabble with each other.

[0023] The bird perch **10** provides a convenient place for one or more birds to socialize while protecting the electronics on which the perch is mounted. The bird perch **10** of the present invention protects the screen or panel **12** of laptops and similar displays to which the perch is mounted.

[0024] The bird perch **10** is multipurpose, mountable and can be mounted to a number of supports such as to a tripod to provide traditional short or tall perches. It is also possible for the bird perch **10** to be hangable.

[0025] As shown in FIG. **3**, the bird perch **10** can include two changeable protective inserts **22** and **23** which can be easily removed for fast clean up. The two protective inserts **22** and **23** can be constructed of a stiff material, such as paper or plastic, and shaped to be the length of the bird perch **10** and formed with a curvature so as to be mounted between the upper rail **14** and the two outer rails **16** and **18** as shown in FIG. **3**.

[0026] Each of the outer rails **16** and **18** are connected by the inner end of a pair of curved supports **24** and **26** to the upper rail **14**. The outer ends of the curved supports **24** and **26** each have an outer protrusion **24a** and **26a**, respectively, and the inner ends of the curved supports **24** and **26** each have an inner protrusion **24b** and **26b**. The elongated inner edges **22a** and **23a** of the protective inserts **22** and **23**, respectively, are gripped by the inner protrusion **24b** and **26b** and the elongated outer edges **22b** and **23b** of the protective inserts **22** and **23**, respectively, are gripped by the outer protrusions **24a** and **26a**, respectively. The protective inserts **22** and **23** can be easily replaced.

[0027] Referring to FIG. **4**, the bird perch **10** is mounted to a computer screen **12** by clamps **30** and **32**. A bolt **34** and **36**, as shown in FIG. **4**, is mounted to the clamps **30** and **32** to secure them to the

screen **12**. A rod **38** interconnects two elongated cylindrical rods **40** and **42**. A support **44** having an opening **46** therethrough is mounted to the rod **38** and is attached to the bowl **20**. The ends of the cylindrical rods **40** and **42** are affixed to the ends **48** and **50** of the perch **10** as shown in FIG. **1**. [0028] In another embodiment of the invention, as shown in FIGS. **5** and **6**, a paper troft clip **60** allows any old papers to be turned into a disposable troft for doors and overhangs. The troft has a side wall **62** with a plurality of protrusions **64** protruding therefrom and which can protrude into the paper of the troft as shown in FIG. **7**. The opposite end **65** of the side wall is curved to receive paper. The paper troft clip may be a bonus accessory to mount to doors, overhangs, refrigerators and other household items. It's also useful for hobbies, crafts and for tables that need to be easily cleaned up.

[0029] Referring to FIG. **8**, there is illustrated another embodiment of the present invention where the perch **70** also mounts to a laptop **72**, or panel monitors, TVs, and inter-changeable panels for easy clean up and customization. The bird perch **70** can also be used as a rail system **74** as shown in FIGS. **8**, **9** and **10** with top and bottom rails **78**, **80** and **82** for different uses, such as mounting on a stand or tripod, supporting a treat bowl or toys, and/or a divider **84** to separate birds that squabble with each other.

[0030] The bird perch **70** provides a convenient place for one or more birds to socialize while protecting the electronics on which the perch is mounted. The bird perch **70** of the present invention protects the screen or panel of laptops **72** and similar displays to which the perch is mounted.

[0031] The bird perch **70** is multipurpose, mountable and can be mounted to a number of supports such as to a tripod to provide traditional short or tall perches. It is also possible for the perch to be hangable.

[0032] As shown in FIG. **3**, the perch **70** can include two changeable protective inserts, compare **22** and **23**, which can be easily removed for fast clean up. The two protective inserts **22** and **23** can be constructed of a stiff material, such as paper or plastic, and shaped to be the length of the perch **70** and formed with a curvature so as to be mounted between the upper rail **14** and the two outer rails **16** and **18** as shown in FIG. **3**.

[0033] Each of the outer rails **78** and **82** are connected by the inner end of a pair of curved supports (compare **24** and **26**) to the upper rail **14**. The outer ends of the curved supports **84** and **86** each have an outer protrusion (compare **24a** and **26a**) and the inner ends of the curved supports (compare **24** and **26**) each have an inner protrusion (compare **24b** and **26b**). The elongated inner edges (compare **22a** and **23a**) of the protective inserts **22** and **23** are gripped by the inner protrusion (compare **24b** and **26b**) and the elongated outer edges (compare **22b** and **23b**) of the protective inserts **22** and **23** are gripped by the outer protrusions (compare **24a** and **26a**), respectively. The protective inserts **22** and **23** can be easily replaced.

[0034] Referring to FIGS. **8** and **9**, the bird perch **70** is mounted to a computer screen **72** by magnetic clamps **90** and **92**. Each of the magnetic clamps **90** and **92** are L shaped and have one surface with ribs or serrations **93**, as shown in FIG. **11**, that rest against the upper surface of the screen **72**. The L shaped magnetic clamps **90** and **92** can have surfaces **90A** and **90B** which are perpendicular to each other. The surface **90A** can have upstanding sidewalls **92** and **94** which project up from the flat surface **90A** and engage the sides **97** of the circular magnet **96**. The circular magnet **96** can magnetically attach to a metal plate **98** which can be mounted to the computer screen **72** by adhesive means **99** such as a strip of adhesive such as glue, cement or paste. The magnet **96** can move in the channel formed between the surface **90A** and the walls **92** and **94** so that the magnetic clamps are aligned for the greatest magnetic. The ribs or serrations **93** maybe rubber to help grip to the bezel edge of the screen or to provide extra friction for other large flat surfaces. The circular magnet **96** is mounted to the L shaped clamp through the side which is free of serrations. The The L shaped clamps **90** and **92** can be secured to the circular magnets or metal plates **98** and **100** so that the bird perch **70** can be quickly installed and removed as desired. The

circular magnets **96** can include a slotted channel whereby the magnets can move freely to self-adjust.

[0035] The collapsible bird perch **10** is convenient for easy packaging and assembly by the end user. The bird perch **10** includes easily removable, interchangeable replaceable panels which provides easy cleanup and the ability to provide custom art work. The rails can be used to adjust the position of the accessories.

[0036] Although the invention has been shown and described with respect to a certain preferred embodiment or embodiments, certain equivalent alterations and modifications will occur to others skilled in the art upon the reading and understanding of this specification and the annexed drawings. In particular regard to the various functions performed by the above described components (assemblies, devices, etc.) the terms (including a reference to a “means”) used to describe such components are intended to correspond, unless otherwise indicated, to any component which performs the specified function of the described component (i.e., that is functionally equivalent), even though not structurally equivalent to the disclosed structure which performs the function in the herein illustrated exemplary embodiments of the invention. In addition, while a particular feature of the invention may have been disclosed with respect to only one of several embodiments, such feature may be combined with one or more features of the other embodiments as may be desired and advantageous for any given or particular application.

## Claims

1. A bird perch that removably mounts to a panel, comprising: a rail system including an upper rail and two outer rails; each of the outer rails are connected by first and second curved supports to the upper rail; two changeable, protective inserts supported in the first and second curved supports and easily removed for fast clean up.
2. The bird perch of claim 1 wherein: outer ends of the first and second curved supports each have an outer protrusion; and inner ends of the first and second curved supports each have an inner protrusion.
3. The bird perch of claim 2 wherein first and second protective inserts are gripped by the upper rail and two outer rails.
4. The bird perch of claim 3 wherein the first and second protective inserts each have elongated outer edges and elongated inner edges.
5. The bird perch of claim 4 wherein the first and second protective inserts are constructed of a stiff material.
6. The bird perch of claim 5 wherein the first and second protective inserts are constructed of a stiff material selected from the group comprising paper and plastic.
7. The bird perch of claim 5 wherein the first and second protective inserts are shaped to be the length of the bird perch and formed with a curvature so as to be mounted between the upper rail and the two outer rails.
8. The bird perch of claim 7 wherein the first and second protective inserts are gripped by the inner protrusions at the inner ends of the first and second curved supports.
9. The bird perch of claim 8 wherein the first and second protective inserts are gripped by the outer protrusions at the outer ends of the first and second curved supports.
10. The bird perch of claim 9 wherein the perch is mounted to a panel by clamps.
11. The bird perch of claim 10 wherein the bird perch is mounted to a computer screen by clamps.
12. The bird perch of claim 11 wherein the bird perch is mounted to a computer screen by magnetic clamps.
13. The bird perch of claim 12 wherein each of the magnetic clamps is L shaped and have one surface with serrations that rest against an upper surface of the computer screen.
14. The bird perch of claim 13 wherein two a ferromagnetic metal plates are mounted to the surface

of the computer screen by means including an adhesive.

**15.** The bird perch of claim 14 wherein magnets inside the L shaped clamp allow it to be secured to the ferromagnetic metal plates so that the perch can be quickly installed and removed as desired.

**16.** The bird perch of claim 1 wherein the rail system is mounted to a stand supporting a treat bowl, toys, and a divider to separate birds that squabble with each other.

**17.** A bird perch that removably mounts to a panel, comprising: a rail system including an upper rail and two outer rails; each of the outer rails are connected by first and second curved support to the upper rail; two changeable, protective inserts supported in the first and second curved supports and gripped by the upper rail and two outer rails; the two changeable, protective inserts being easily removed for fast clean up.

**18.** The bird perch of claim 17 wherein: outer ends of the first and second curved supports each have an outer protrusion; and inner ends of the first and second curved supports each have an inner protrusion.

**19.** The bird perch of claim 18 wherein first and second protective inserts each have elongated outer edges and elongated inner edges that are gripped by the upper rail and two outer rails.

**20.** The bird perch of claim 19 wherein the bird perch is mounted to a computer screen by clamps.

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