reel. These references involve a substantial investment in the mechanisms and in the continuous threading of the reels in order for the inventions to work as they are designed.

Thus, it can be seen that a need continues to exist for a toilet seat cover that avoids the disadvantage of the known prior art. It is to this need that the present invention is addressed.

Embodiments of the present invention seek to provide a toilet seat cover that is easily and quickly applied and which is easily disposed after use.

Embodiments of the present invention seek to provide a toilet seat cover that is inexpensive to produce and to use.

Embodiments of the present invention seek to provide a toilet seat cover designed for a single-use application and which is conveniently stored, preferably utilizing a roll upon which the product is wound.

Other objects and advantages of the invention will become apparent as the description proceeds.

**Summary of the Invention**

According to a first aspect of the present invention, there is provided a device for providing a disposable seating-surface cover for a toilet-seat, comprising: a) a first housing adapted to feed a disposable seating-surface cover roll installed therein, wherein said cover roll is a long strip layer that comprises plurality of apertures and a control indication located adjacent to each aperture, so that each aperture defines an individual seating-surface cover; b) a second housing adapted to receive and collect the roll by connecting an initial edge of said roll to a rotational mechanism situated in said second housing that is adapted to pull said roll such that each individual disposable seating-surface cover follows a preset displacing movement

where one individual disposable seating-surface cover is positioned in a state of use, wherein when an individual seating-surface cover of the roll is in a state of use, it lies directly on a seating surface of a toilet-seat, such that the aperture of the individual seating-surface cover is parallel to an aperture of said toilet seat; wherein said first and second housings are physically connected by supporting rails or arms; c) an optical reader located at said first housing and/or said second housing, wherein said optical reader is configured to capture visual information of said control indication and to translate the captured visual information into digital information that reflects a triggering signal that indicates when to stop the feeding process of said cover, as to enable the preset displacing movement; and d) a bracket arrangement adapted to install said device to said toilet seat in a way that allows said device to pivot away from said toilet seat when said device is not in use.

According to a second aspect of the present invention, there is provided a roll of disposable seating-surface covers, wherein said roll is a long strip layer that comprises plurality of similar apertures, each of which defines an individual seating-surface cover, wherein said roll comprises a control indication located adjacent to each of said aperture to indicate when to stop the feeding process of each individual seating-surface cover, wherein said control indication is in form of a printed sign suitable to be read by an optical reader.

According to a third aspect of the present invention, there is provided method for providing a disposable seating-surface cover for a toilet-seat, comprising: a) providing a first housing adapted to feed a disposable seating-surface cover roll installed therein, wherein said roll is a long strip layer that comprises plurality of apertures and a control indication located adjacent to each aperture, so that each aperture defines an individual seating-surface cover; b) providing a second housing adapted to receive and collect the roll by connecting an initial edge of said roll to a rotational mechanism situated in said second housing that is adapted to pull said roll such that each individual disposable seating-surface cover follows a preset displacing movement where one individual disposable seating-surface cover is positioned in a state of use, wherein when an individual seating-surface cover of the roll is in a state of use, it lies directly on a seating surface of a toilet-seat, such that the aperture of the individual seating-surface cover is parallel to an aperture of said toilet seat; and c) capturing,

by an optical reader, visual information of said control indication and translating said captured visual information into digital information that reflects a triggering signal that indicates when to stop the feeding of said cover, as to enable the preset displacing movement of each individual seating-surface cover.

According to an embodiment of the invention, the rotational mechanism includes a cylindrical member driven by a motor that turns said cylindrical member, and on which said disposable seating-surface covers are wrapped around when said cylindrical member turns.

In another aspect, the present invention relates to a disposable seating-surface cover roll, wherein said roll is a long strip of made of at least one layer, wherein the strip comprises plurality of similar apertures, each of which defines an individual seating-surface cover.

According to an embodiment of the invention the strip is wrapped around a cylindrical core.

According to an embodiment of the invention the initial edge of the strip includes an engaging member, such as a rod.

**Brief Description of the Drawings**

In the drawings:

- Fig. 1 schematically illustrates a perspective view of device for providing a disposable seating-surface cover for a toilet-seat, according to an embodiment of the invention;
- Fig. 2 schematically illustrates a side view of the device of Fig. 1;
- Fig. 3 schematically illustrates a bottom view of the device of Fig. 1;