

instructing the pill-viewing camera to capture the image of the pill;

verifying the pill using the image; and

instructing the door mechanism to dispense the pill from the pill viewing area through the opening after the pill is verified using the image.

**10.** The pill dispenser according to claim **9**, wherein the at least one processor identifies the pill using at least one of a color of the pill, a shape of the pill, characters on the pill, and a plurality of colors of the pill as determined using the image.

**11.** The pill dispenser according to claim **9**, wherein the pill viewing area is external to the housing.

**12.** The pill dispenser according to claim **9**, wherein the pill viewing area is internal to the housing.

**13.** The pill dispenser according to claim **12**, further including a storage medium for storing processor executable

instructions configured for execution by the at least one processor for dispensing the pill to a pill holding area outside of the housing.

**14.** The pill dispenser according to claim **9**, further comprising a scale, wherein the at least one processor is in operative communication with the scale and receives a weight therefrom, wherein the storage medium further comprises processor executable instructions configured for execution by the at least one processor for identifying the pill based upon, at least in part, an estimated weight of the pill using the scale.

**15.** The pill dispenser according to claim **14**, wherein the at least one processor estimates the weight of the pill by subtracting an estimated weight of a pill holder.

**16.** The pill dispenser according to claim **14**, wherein the at least one processor does not dispense the pill unless the identity of the pill is determined to be appropriate based on information from at least one of an electronic medical record, a drug error reduction system, or a monitoring client.

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