Universal Device for the Blind

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A technical description of the device The device consists of those main notes: 1.Rotation section ,in which medication are placed. We have divided rotations section for 6 parts, each of the section contains medication. The rotating mechanism is connected with a reverse engine, which helps to return a rotating mechanism. This allowed us to put 6 medicines in it. Motor’s action comes to the voice command, and move to the position. where is placed requested medicament. After this device gives you information about requested medicament. 2.System of a card For people with disabilities we added function card reader. On the card there is encoded braille font. It reflects the name of medicament, which is programmed. 3.Drops counter. The principle of it is based on the piezoelectric affects. Selected medication is placing in the dash and when mechanical effects on it the drops are dumped .Drops fall into the piezoelectric impulses through the amplifier is supplied to microcontroller . Microcontroller count the drops and transform it to sound signal. 4.The holley sensor provide the device to original condition. 5.Dosage of water. Dosage of water is programmed and defend on the recommendation of the medicament. 6.Date and time notification of the medicament

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