

ABSTRACT

WEARABLE BREAST PUMP

A wearable breast pump for milk expression comprising: a main unit housing therein an
5 electronic suction pump, electronics configured to control the electronic suction pump and a
battery; a breast shield configured to form a vacuum seal with a breast around a nipple of a
user, the breast shield assembled with the main unit by inserting a neck of the breast shield
into a back surface of the main unit; a milk chamber provided below the main unit and
magnetically attachable to the main unit; and a milk bag configured to be contained within the
10 milk chamber and magnetically attachable to the main unit, the milk bag in fluid connection
with the neck of the breast shield when the milk bag is magnetically attached to the main unit
and the neck is inserted into the main unit, wherein when the wearable breast pump is
operated with the vacuum seal formed around the nipple, the electronic suction pump draws
milk from the breast and the milk is caught in the milk bag.

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FIG. 3