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(54) **Title:** NUTRIENT RECYCLING DEVICE

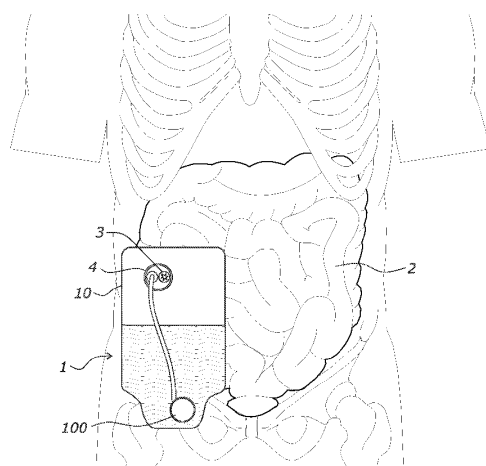


FIGURE 1

(57) **Abstract:** A nutrient recycling device is provided that is configured to collect digestive contents from a first opening of a gastrointestinal (GI) tract and recycle and/or return the digestive contents to a second location in a patient's gastrointestinal tract. The device and associated method may find application in patients with a number of complaints, such as short bowel syndrome and/or prior to stoma reversal surgery. The device comprises a bag adapted to receive the digestive contents from a first GI opening, and a pump incorporated with the bag adapted to pump the digestive contents to a second GI location. The pump includes an inlet in fluid communication with the interior of the bag, and an outlet connected to an outlet conduit adapted to provide a flow pathway for the digestive content to flow from the pump to second GI location.

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WO 2019/073365 A1

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