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(54) Title of the invention : ADJUSTABLE SALINE BAG CARRYING DEVICE

(51) International classification	:A42B0003100000, A44C0015000000, F16L0003020000, G01F0023296000, A61N0001040000	(71)Name of Applicant : <b>1)Chandigarh Group of Colleges, Jhanjeri</b> Address of Applicant :State Highway 12A Jhanjeri, Sahibzada, Ajit Singh Nagar, Punjab 140307, India. Punjab India
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(57) Abstract :

An adjustable saline bag carrying device includes a pair of curved telescopic-rods 1 attached to each other to form a brace 2 that is worn by a user over neck region, an image-capturing-module 3 mounted on telescopic-rod 1 for analyzing dimension of user's neck to extend/retracts telescopic-rod 1, a pair of vertical-rods 4 crammed in between telescopic-rod 1 and attached over a sliding-rack 5 to hang an intravenous-bag, a sliding-rack 5 is integrated with multiple ball bearings that facilitate vertical-rod 4 to laterally slide along length of telescopic-rod 1, a primary-sensor-module fabricated inside brace 2 identifies appropriate positioning of brace 2 worn by user in correct manner, a secondary-sensing-module integrated within brace 2 and connected to sliding-rack 5 to identify tilting-angle and direction of user and accordingly activates vertical-rod 4 to slide in opposite direction to prevent intravenous-bag from getting damaged, a load-sensor integrated in intravenous-bag to measures liquid level.

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