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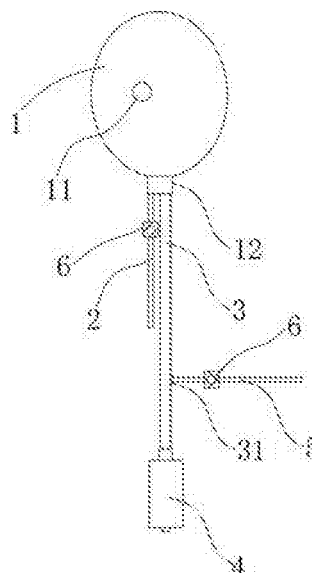
权利要求书1页 说明书3页 附图2页

(54)实用新型名称

防误吸唾液吸引装置

(57)摘要

本实用新型公开了一种防误吸唾液吸引装置,唾液吸取装置包括带有气孔的负压吸引腔、排气管、吸入管以及唾液收集装置,排气管和吸入管的一端均通过连接头与负压吸引腔连接,吸入管另一端与唾液收集装置连接,吸入管上设置接头,接头与唾液吸引管连接,排气管与唾液吸引管上均设置有单向阀,通过该装置可持续对口腔内的唾液吸引,直至口腔内唾液吸引完毕,可接入电动真空泵,实现手动自动的双选择,不仅结构简单,制造成本低,操作方便,各组件能自由拆装,有利于对装置的清洗和消毒,实现可重复使用,使用成本低可减轻患者家庭经济负担,以及对患者口腔日常护理的工作量,可用于多个患者,不仅适用于家庭,也可用于康复机构或医疗单位。





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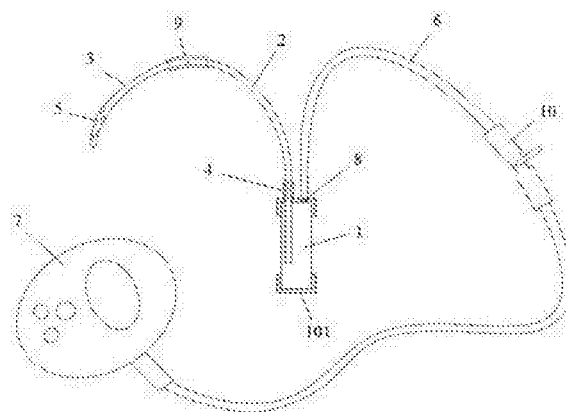
权利要求书1页 说明书3页 附图1页

(54)实用新型名称

便携式吸引器

(57)摘要

本实用新型涉及一种便携式吸引器,包括用以储存分泌物的储液罐,所述储液罐的一端设置有进液口与抽吸口,所述进液口经进液导管联接至吸头,所述进液导管上设置有单向阀,所述吸头的前端侧壁环向交错间隔布置有若干吸孔,所述抽吸口经抽吸导管联接至负压源,所述抽吸导管上设置有过滤网。本实用新型结构简单、合理,易于操作,便于携带,以便患者随时随地抽吸粘液和唾液,保持呼吸道通畅,减少吸入性肺炎的发生,提高生活质量,具有广阔的应用前景。





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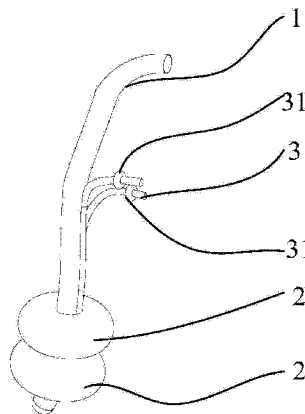
权利要求书1页 说明书5页 附图1页

(54) 实用新型名称

气管插管装置

(57) 摘要

本实用新型涉及医疗器械技术领域,尤其是涉及气管插管装置,包括:插管本体和多个气囊;每个气囊均呈环形;多个气囊,沿插管本体延伸的方向,依次套设在插管本体的一端;插管本体的侧壁内,沿着插管本体延伸的方向,设置有多个进气管;一个进气管的一端与一个气囊连通;插管本体的另一端用于与呼吸辅助支持装置连通。当使用者在使用本实用新型提供的气管插管装置时,先将设有多个气囊的插管本体置于气管中,然后通过进气管向气囊打气,从而使气囊与气管壁抵接。由于,多个气囊与气管的管壁抵接,从而增加了密封性能,避免了唾液等分泌物随着插管本体的流入气管中而引起吸入性肺炎,利于患者治疗。





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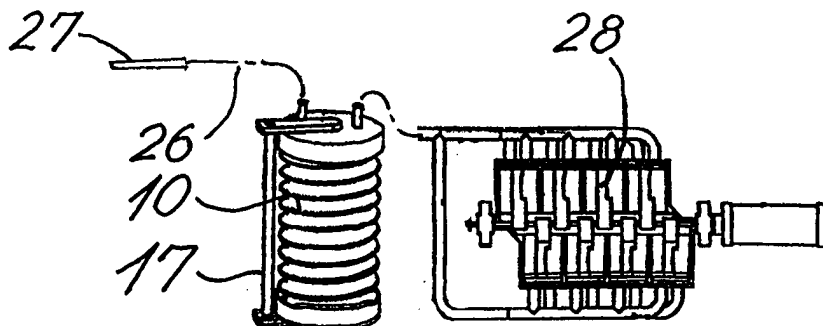
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(21) International Application Number: PCT/DK99/00166 (22) International Filing Date: 24 March 1999 (24.03.99) (30) Priority Data: 0427/98 25 March 1998 (25.03.98) DK (71) Applicant (for all designated States except US): REIPUR TECHNOLOGY A/S [DK/DK]; Gentoftegade 118-120, DK-2820 Gentofte (DK). (72) Inventor; and (75) Inventor/Applicant (for US only): REIPUR, John [DK/DK]; Fabritius Allé 17, DK-2930 Klampenborg (DK). (74) Agent: PLOUGMANN, VINGTOFT & PARTNERS; Sankt Annæ Plads 11, DK-1250 Copenhagen K (DK).	(81) Designated States: BR, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>Without international search report and to be republished upon receipt of that report.</i>	

(54) Title: A SUCTION SYSTEM FOR SUCKING A MIXTURE OF AIR AND SOLID AND/OR LIQUID MATTER INTO A CONTAINER

(57) Abstract

A suction system, especially for use by a dentist, comprises a corrugated, collapsible waste container (10) having a suction outlet connected to a suction source, such as a small scale piston pump (28), and a suction tube or nozzle (27) connected to a suction inlet of the container. The suction system comprises a holder (17) for selectively retaining the collapsible container in an extended position during use

when the suction sources create a sub atmospheric pressure within the container. When a suitable amount of waste material has been separated from the air flowing through the suction nozzle (27) and collected in the container (10) the container may be collapsed and discarded together with the waste collected therein.





- (51) **International Patent Classification:**
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- (74) **Agent: ELAMRANI, Samir;** Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304 (US).
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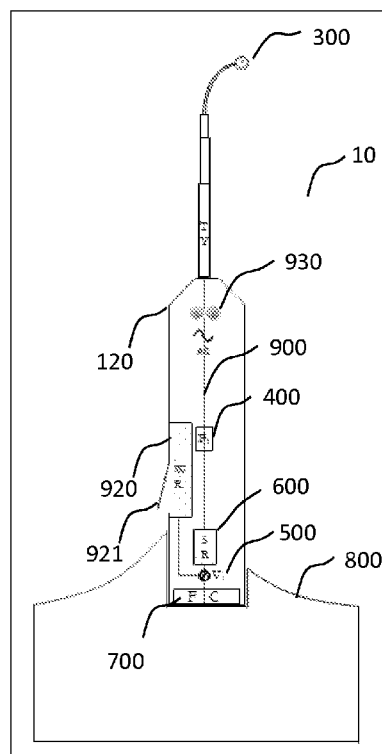
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(54) **Title:** SYSTEM FOR SALIVA COLLECTION

FIG. 2



(57) **Abstract:** Disclosed herein are portable handheld devices for saliva collection for daily monitoring of salivary biomarkers of physiological conditions, the device comprising: a handheld handle comprising a saliva collector, the saliva collector comprising: a suction tip; a bi-directional pump electrically configurable for pumping towards two opposite directions; a saliva reservoir; a valve; a water reservoir, the water reservoir comprising an external filling lid; a reversible fluidic connection configurable in a connected and disconnected position; and a base accommodating the handheld handle, the base configurable to fluidly communicate with the handheld handle through at least the reversible fluidic connection, wherein the valve is electrically configured to allow fluid communication directly between at least two selected from: the saliva reservoir, the water reservoir, and the reversible fluidic connection, and wherein the bi-directional pump is electrically configurable to allow fluid communication directly between the suction tip and the saliva reservoir.