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(71) Applicant: **Samsung Gwangju Electronics Co., Ltd.**
Gwangju-city (KR)

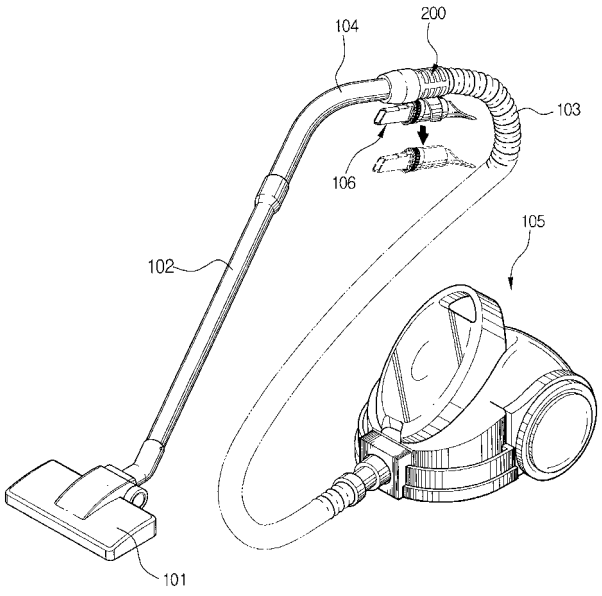
(72) Inventor: **Kim, Tak-soo**
Nam-gu
Gwangju-city (KR)

(74) Representative: **Wilson Gunn**
5th Floor,
Blackfriars House,
The Parsonage
Manchester M3 2JA (GB)

(54) Vacuum cleaner with accessories

(57) Disclosed is a vacuum cleaner that does not require an extra storage device for housing an accessory. In a vacuum cleaner with an extension pipe (102) connected to a suction brush (101), and a suction passage formed by connecting the extension pipe (102) to a cleaner body (105), the vacuum cleaner includes a connection member body (210). One end of the connection member body (210) is connected to the extension pipe (102) and the other end is connected to a flexible hose (103) which is in turn connected to the cleaner body (105). A clamping part (220) is integrally formed with the connection member body (210). The coupling part (220) is adapted to store the accessory (106).

FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 04 25 1179

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 02, 28 February 1997 (1997-02-28) -& JP 08 275910 A (TEC CORP), 22 October 1996 (1996-10-22) * paragraph [0008] * * figures 1,4 *	1-3,5-10	A47L9/00 A47L9/24
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 02, 29 February 2000 (2000-02-29) -& JP 11 318775 A (MATSUSHITA ELECTRIC IND CO LTD), 24 November 1999 (1999-11-24) * abstract * * figures 1,2,4,6 *		
A	WO 03/000103 A (BSH BOSCH UND SIEMENS HAUSGERAETE GMBH; KESS, HERBERT) 3 January 2003 (2003-01-03) * abstract * * figure 1 *		

TECHNICAL FIELDS SEARCHED (IPC)

A47L

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	19 December 2005	CONTRERAS APARICIO

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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19-12-2005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 08275910 A	22-10-1996	NONE	
JP 11318775 A	24-11-1999	NONE	
WO 03000103 A	03-01-2003	CN 1518426 A	04-08-2004
		CZ 20033467 A3	12-05-2004
		DE 10130331 A1	17-04-2003
		EP 1401318 A1	31-03-2004
		MX PA03011828 A	26-03-2004
		PL 366730 A1	07-02-2005
		US 2004134017 A1	15-07-2004

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