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(72) Inventors:
• **Oh, Jang-keun**
Gwangju-city (KR)
• **Lee, Hak-bong**
Jeollanam-do (KR)

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(74) Representative: **Myon, Gérard Jean-Pierre et al**
Cabinet Lavoix Lyon
62, rue de Bonnel
69448 Lyon Cedex 03 (FR)

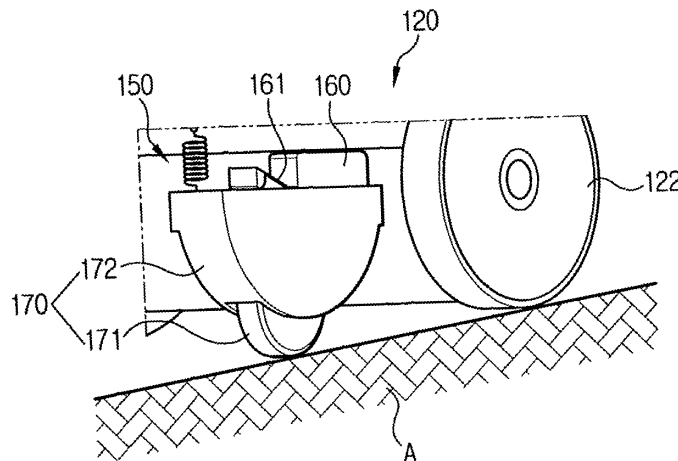
(71) Applicant: **Samsung Gwangju Electronics Co., Ltd.**
Gwangju-city (KR)

(54) **Vacuum cleaner with sterilizing system**

(57) This vacuum cleaner with a sterilizing system includes a safety device (150) for its sterilizer. This vacuum cleaner comprises a cleaner body and a suction brush (120). The suction brush (120) comprises a sterilizer using an ultraviolet (UV) ray and a safety device (150) interrupting power supply to the sterilizer when the suction brush (120) is moved apart from the surface being cleaned (A) by a predetermined distance. Here, the safe-

ty device comprises a micro switch (160) controlling power to the sterilizer, a micro switch operator (170) released from contact with the micro switch as the suction brush (120) is separated from the surface being cleaned (A) by an amount at least equal to the predetermined distance, thereby turning off the micro switch, and a biasing member that biases the micro switch operator in a certain direction.

FIG. 5



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Place of search Munich		Date of completion of the search 13 July 2007	Examiner REDELSPERGER, C
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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