

(12) United States Design Patent (10) Patent No.: US D553,811 S Shin (45) Date of Patent: ** Oct. 23, 2007

- (54) VACUUM CLEANER
- (75) Inventor: Gwan Woo Shin, Gwachun-si (KR)
- (73) Assignee: Samsung Electronics Co., Ltd., Suwon (KR)
- (**) Term: 14 Years
- (21) Appl. No.: **29/265,927**

2005/0268428 A1* 12/2005 Shimizu 15/353

* cited by examiner

Primary Examiner—Ruth McInroy (74) Attorney, Agent, or Firm—Ladas and Parry LLP

(57) **CLAIM**

I claim the ornamental design for a vacuum cleaner, as shown and described.

(22) Filed: Sep. 12, 2006

DESCRIPTION

- (51) LOC (8) Cl. 15-05
- (52) U.S. Cl. D32/21
 (58) Field of Classification Search D32/21, D32/23-24, 31; 15/301, 320-321, 323, 327.1-327.4, 15/327.6-327.7, 329, 347, 352-353, 412; 55/337, 429, 345; 95/271; 210/512.1, 512.2 See application file for complete search history.
- (56) **References Cited**

U.S. PATENT DOCUMENTS

D399,617 S *	10/1998	Fujita D32/21
6,615,447 B2*	9/2003	Rew 15/412
D485,653 S *	1/2004	Warburton D32/21
D520,196 S *	5/2006	Liu
D520,198 S *	5/2006	Sung D32/21
D523,194 S *	6/2006	Choi D32/21
D531,768 S *	11/2006	Lee D32/21

FIG. 1 is a perspective view as seen from the top, front, and left side of a vacuum cleaner showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof; and,

FIG. **8** is a perspective view as seen from the top, front, and left side of the vacuum cleaner of FIG. **1** shown in use with a hose and a brush.

The broken lines in FIG. 8 are for illustrative purposes only and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



U.S. Patent Oct. 23, 2007 Sheet 1 of 8 US D553,811 S



U.S. Patent Oct. 23, 2007 Sheet 2 of 8 US D553,811 S



U.S. Patent Oct. 23, 2007 Sheet 3 of 8 US D553,811 S

.







U.S. Patent Oct. 23, 2007 Sheet 4 of 8 US D553,811 S



U.S. Patent Oct. 23, 2007 Sheet 5 of 8 US D553,811 S



U.S. Patent Oct. 23, 2007 Sheet 6 of 8 US D553,811 S

FIG. 6



U.S. Patent Oct. 23, 2007 Sheet 7 of 8 US D553,811 S





U.S. Patent Oct. 23, 2007 Sheet 8 of 8 US D553,811 S





