



US00D647266S

(12) **United States Design Patent**
Kim et al.

(10) **Patent No.:** **US D647,266 S**

(45) **Date of Patent:** **** Oct. 18, 2011**

(54) **PIPE FOR VACUUM CLEANER**

(75) Inventors: **Joo-Hyung Kim**, Seoul (KR); **Yuna Park**, Seoul (KR)

(73) Assignee: **Samsung Electronics Co., Ltd.**, Suwon-Si (KR)

(**) Term: **14 Years**

(21) Appl. No.: **29/385,516**

(22) Filed: **Feb. 15, 2011**

(51) **LOC (9) Cl.** **15-05**

(52) **U.S. Cl.** **D32/31**

(58) **Field of Classification Search** D32/31,
D32/34, 22; 15/320–321, 400, 377, 410–412,
15/414, 329, 335; 285/7; 16/110.1
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D217,285	S	*	4/1970	Anderson	.....	D32/31
4,079,965	A	*	3/1978	Moughty et al.	.....	285/7
D267,906	S	*	2/1983	Parise et al.	.....	D32/31
6,148,474	A	*	11/2000	Ohara et al.	.....	15/377
D453,866	S	*	2/2002	Nighy et al.	.....	D32/31

6,486,396	B2	*	11/2002	Stein	.....	174/47
D470,983	S	*	2/2003	Svaldi	.....	D32/31
D477,445	S	*	7/2003	Schroter	.....	D32/31
D480,848	S	*	10/2003	Smith et al.	.....	D32/31
D502,578	S	*	3/2005	Roschi	.....	D32/31
D561,415	S	*	2/2008	Tavano	.....	D32/34
7,832,050	B2	*	11/2010	Pullins et al.	.....	15/410
D635,728	S	*	4/2011	Fjellman	.....	D32/22

* cited by examiner

Primary Examiner — Ruth McInroy

(74) *Attorney, Agent, or Firm* — Ladas & Parry LLP

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, front and right-side perspective view of a pipe for vacuum cleaner showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof.

1 Claim, 6 Drawing Sheets

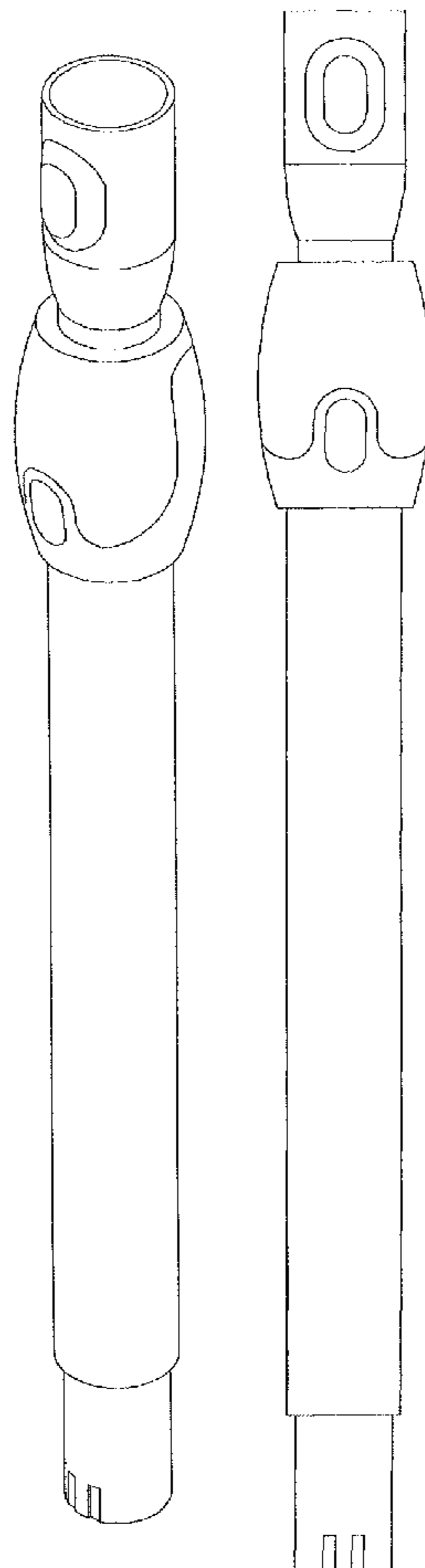


FIG. 1

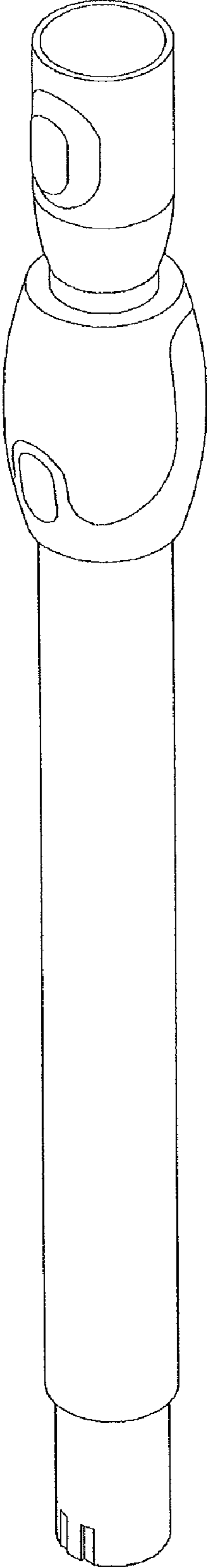


FIG. 2

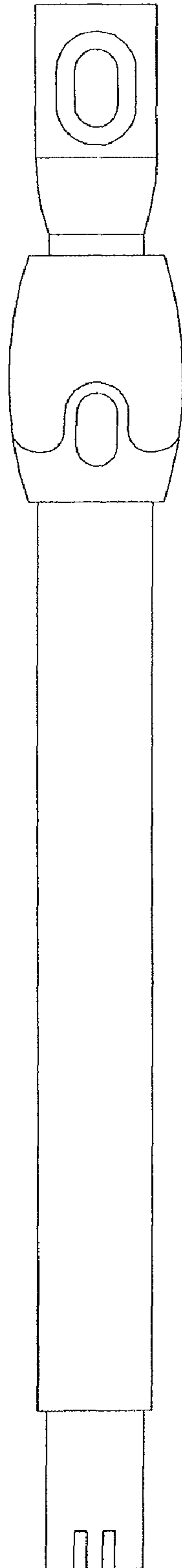


FIG. 3

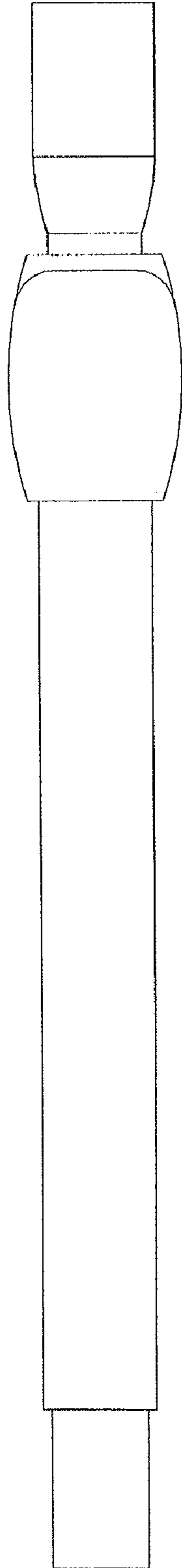


FIG. 4

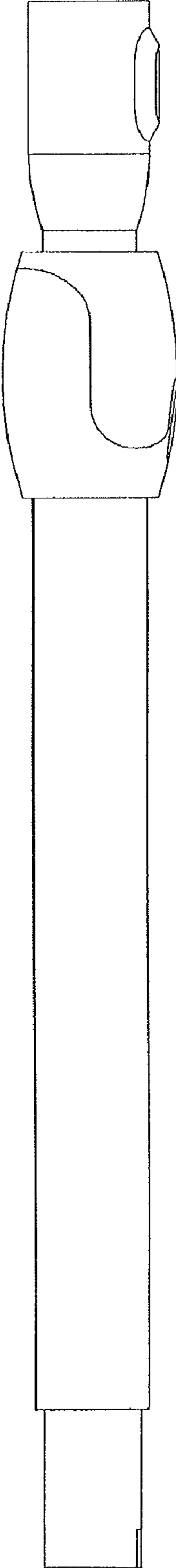


FIG. 5

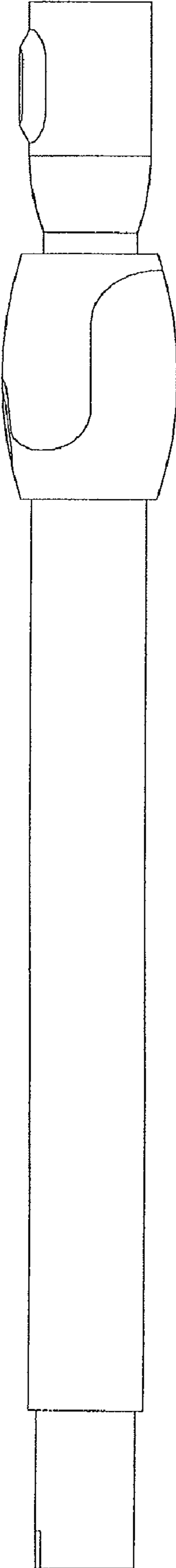


FIG. 6

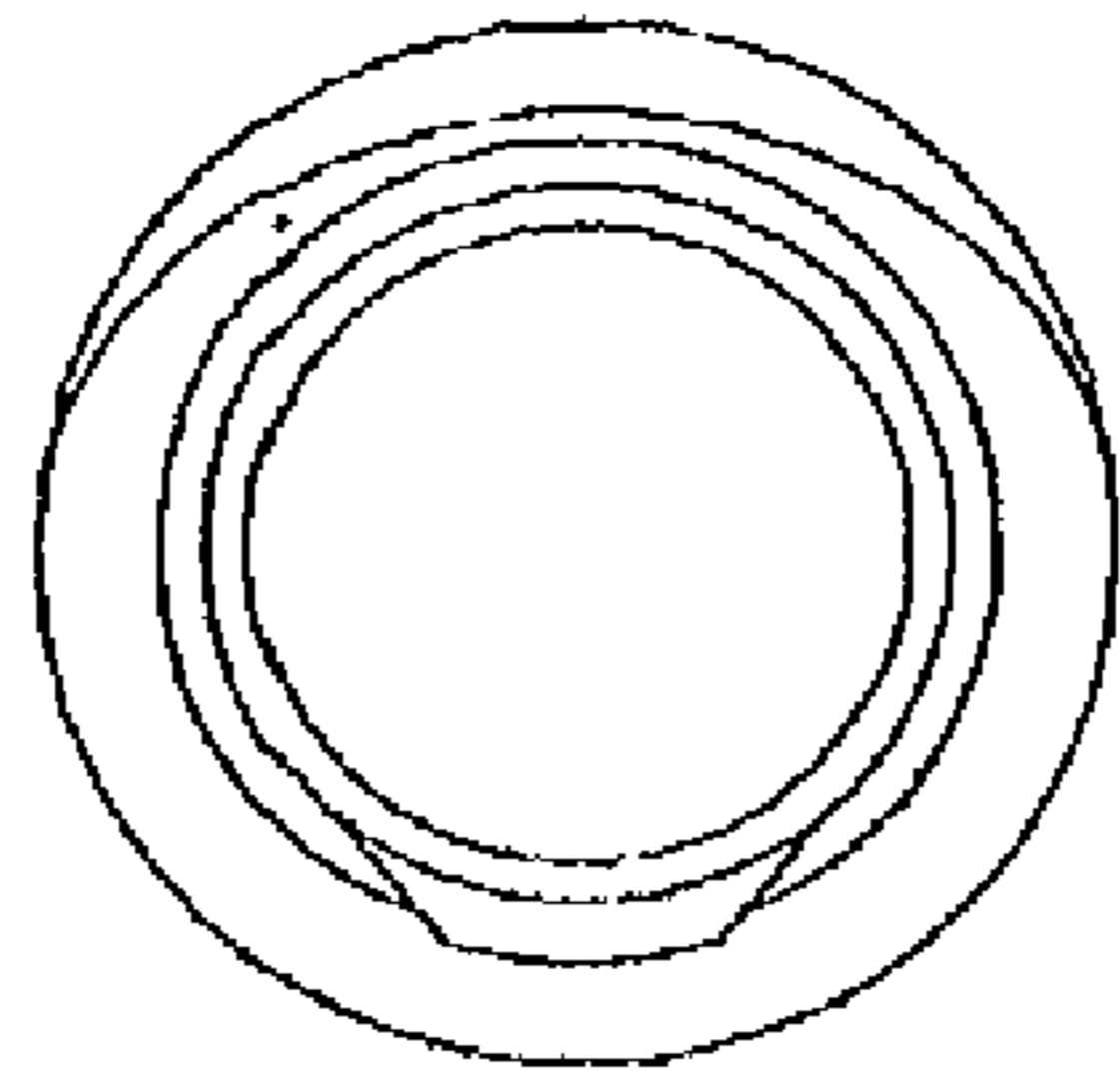


FIG. 7

