



US00D581938S

(12) **United States Design Patent**
Yamamoto

(10) **Patent No.:** **US D581,938 S**
(45) **Date of Patent:** **** Dec. 2, 2008**

(54) **SPOKE FOR REEL**

(75) Inventor: **Shuichi Yamamoto**, Omuta (JP)

(73) Assignees: **Mitsui Mining & Smelting Co., Ltd.**
(JP); **Kyushu Seimitsu Kiki Co., Ltd.**
(JP)

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

(21) Appl. No.: **29/288,104**

(22) Filed: **May 30, 2007**

(30) **Foreign Application Priority Data**

Nov. 30, 2006 (JP) 2006-033118

(51) **LOC (8) Cl.** **14-99**

(52) **U.S. Cl.** **D14/484**

(58) **Field of Classification Search** D14/161,
D14/484; D8/358, 359; D22/137, 140; D12/206;
D3/24; 242/118.7, 159, 476.6, 608.8, 614.1;
206/412; 137/355.27; 254/213
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D182,643	S	*	4/1958	Cahill	.....	D14/484
D190,734	S	*	6/1961	Hultgren	.....	D14/484
3,097,810	A	*	7/1963	Kerney	.....	242/614
D200,936	S	*	4/1965	Alden	.....	D14/484
D214,511	S	*	6/1969	Laughlin	.....	D14/484
D219,482	S	*	12/1970	Goldberg et al.	.....	D14/484
D223,367	S	*	4/1972	Kountz	.....	D14/484
D240,192	S	*	6/1976	Balmar	.....	D14/484

4,039,156	A	*	8/1977	Abraham	.....	242/608.4
D252,627	S	*	8/1979	Belgin et al.	.....	D14/484
D303,961	S	*	10/1989	Kim	.....	D14/484
D337,579	S	*	7/1993	Roberts et al.	.....	D14/484
D363,930	S	*	11/1995	Bailey et al.	.....	D14/484
D364,403	S	*	11/1995	Bailey	.....	D14/484
6,213,425	B1	*	4/2001	Umeki et al.	.....	242/614.1
D504,806	S	*	5/2005	Basaran et al.	.....	D14/484
D573,151	S	*	7/2008	Kawauchi et al.	.....	D14/484
2005/0236512	A1	*	10/2005	Hiraguchi	.....	242/608.8
2008/0006734	A1	*	1/2008	Tejima et al.	.....	242/610.4

* cited by examiner

Primary Examiner—Stella M Reid

Assistant Examiner—Keli L Acker

(74) *Attorney, Agent, or Firm*—The Webb Law Firm, P.C

(57) **CLAIM**

The ornamental design of a spoke for reel, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a spoke for a reel, embodying my new design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a side view thereof;

FIG. 4 is a top plan view thereof; and,

FIG. 5 is a sectional view thereof, taken along line V—V of FIG. 2.

The broken line showing the tape winding reel is included for the purpose of illustrating environmental structure and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets

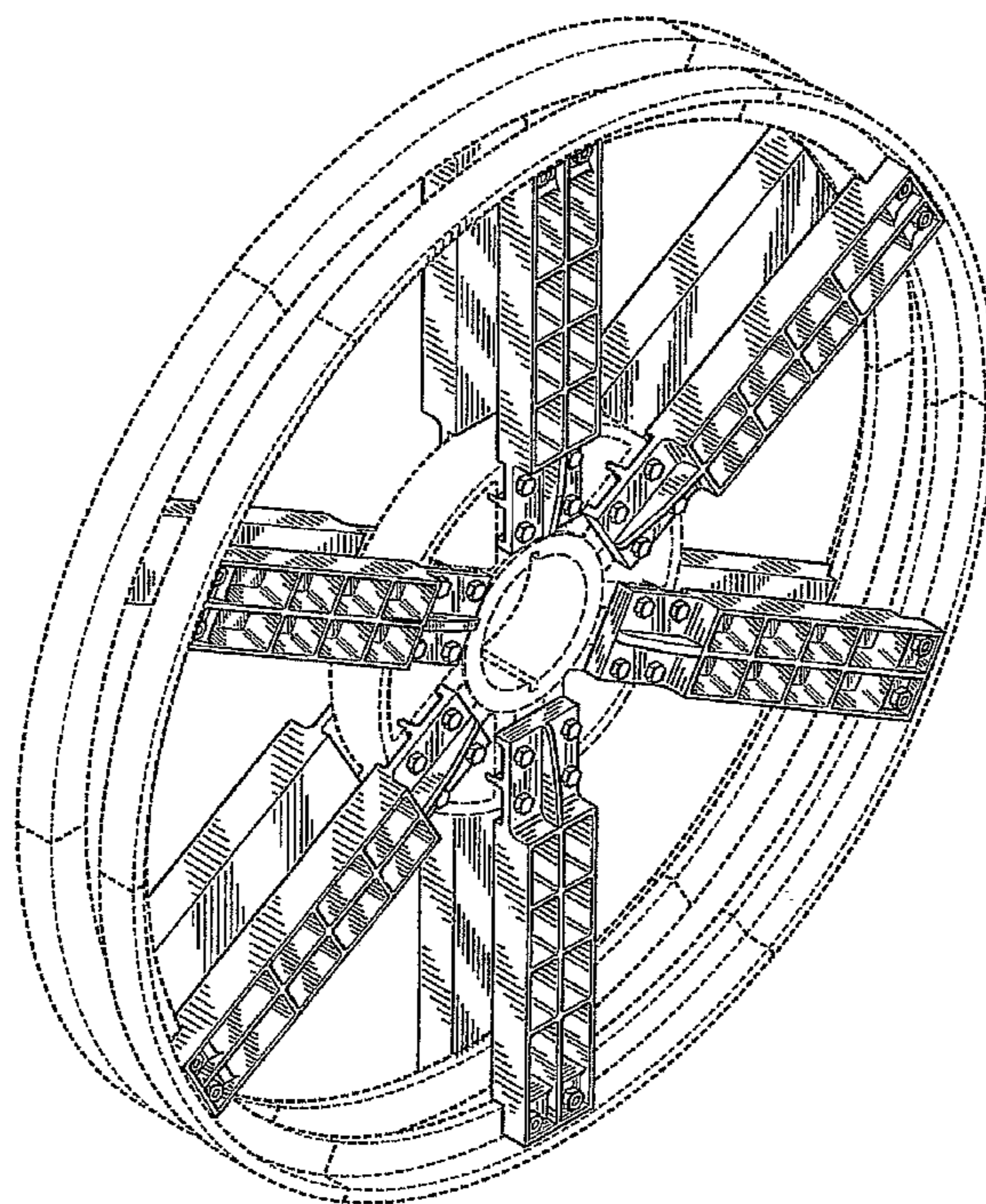


Fig. 1

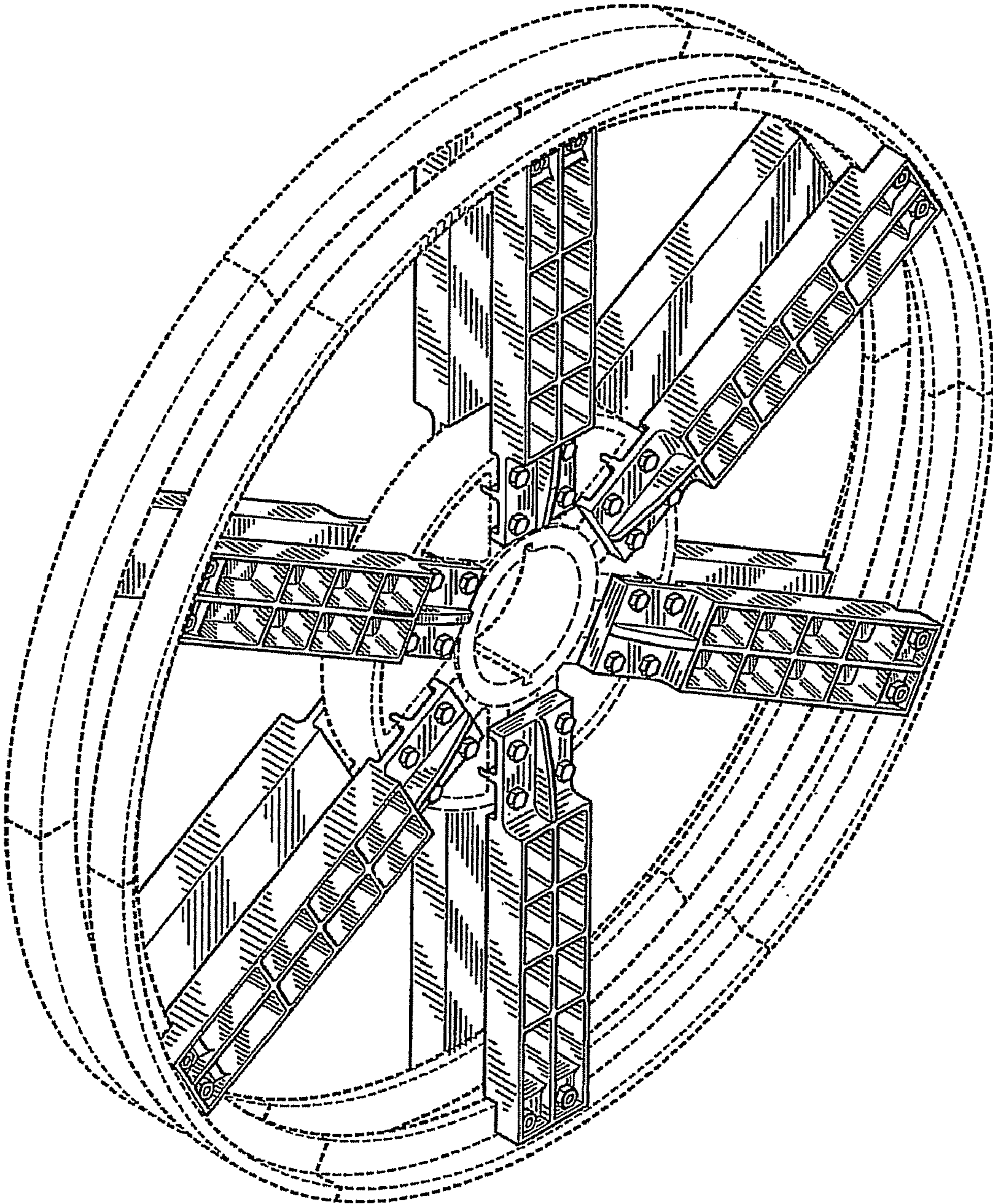


Fig. 2

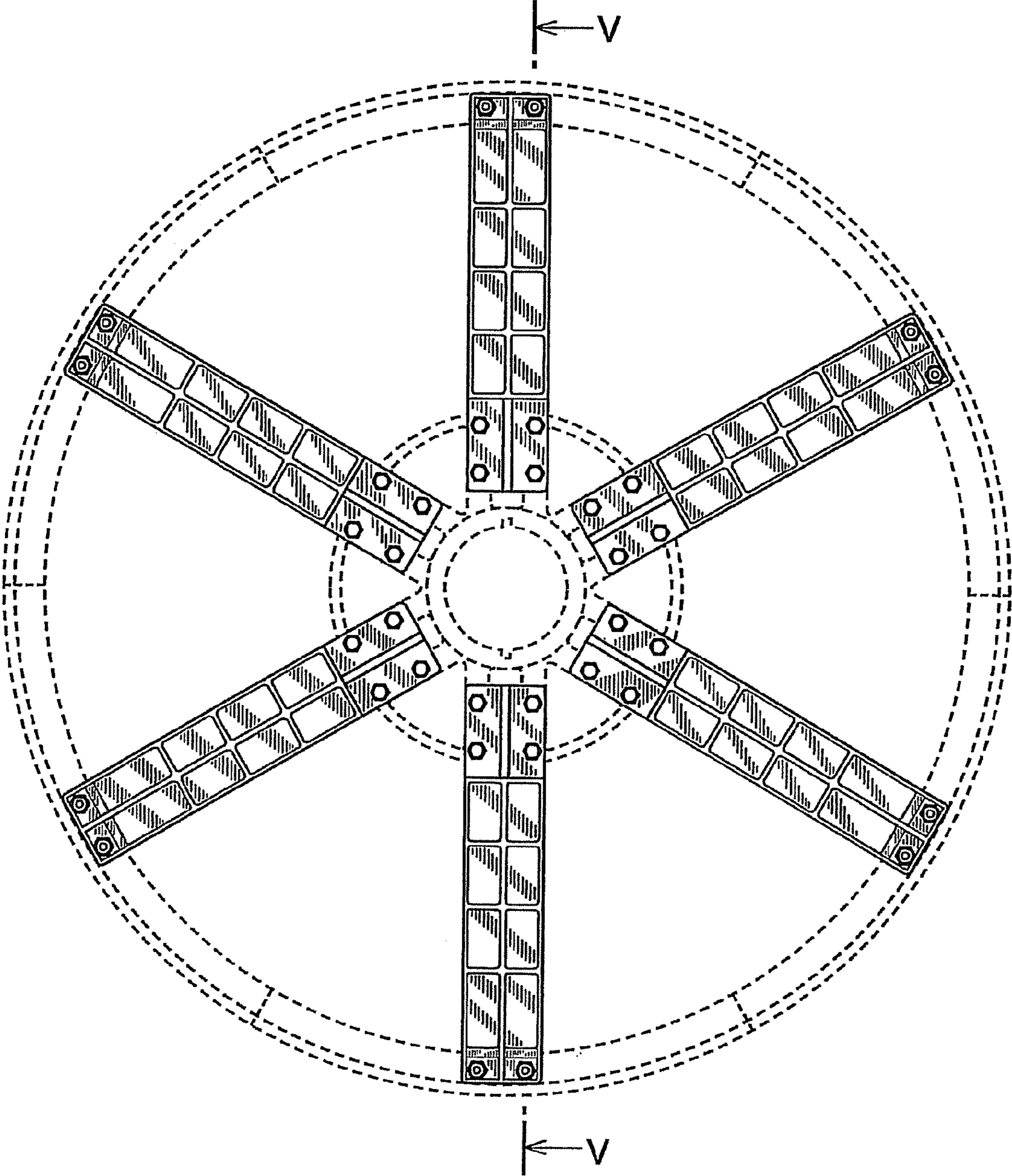


Fig. 3

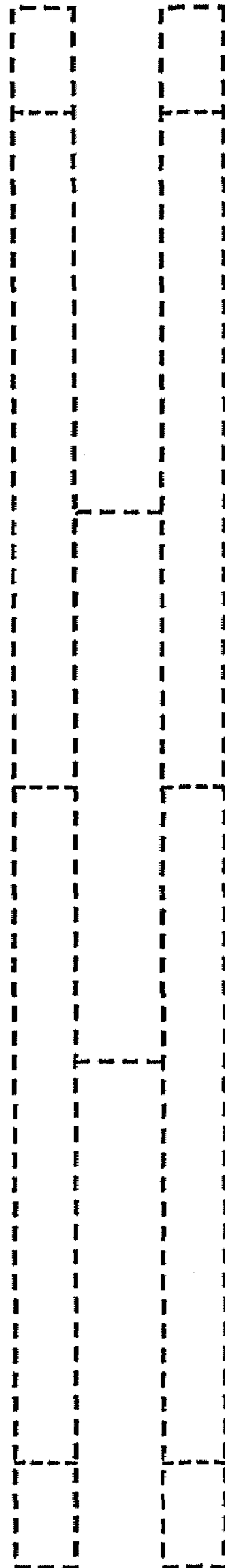


Fig. 4

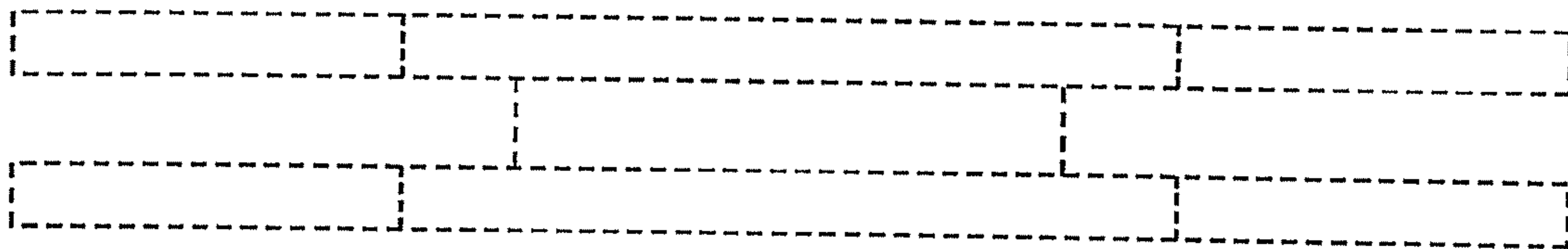


Fig. 5

