



US00D44552S

(12) **United States Design Patent** (10) **Patent No.:** **US D445,552 S**
Pulskamp et al. (45) **Date of Patent:** **** Jul. 24, 2001**

(54) **SET OF THUMBWHEEL DRIVE CONTROLS FOR A PALLET TRUCK**

OTHER PUBLICATIONS

(75) Inventors: **Steven Richard Pulskamp**, New Bremen; **Bradley Lowell Allen**, Troy, both of OH (US); **Peter Paul Adelsperger**, Erding (DE)

Photograph of commercially available product, Lansing Linde, Ltd., Kingsclere Road, Basingtoke, Hampshire, United Kingdom.

(73) Assignee: **Crown Equipment Corporation**, New Bremen, OH (US)

Photograph of commercially available product, Jungheinrich Aktiengesellschaft, Friedrich-Ebert-Damm 129, 22047 Hamburg, Germany.

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

Photograph of commercially available product, Still, Inc. Photograph of commercially available product/brochure(s), Mitsubishi Forklift Trucks, Houston, Texas.

(21) Appl. No.: **29/127,927**

Photograph of commercially available product, Pimespo, a division of Fiat OM Carelli Elevator S.p.A.

(22) Filed: **Aug. 15, 2000**

Photograph of commercially available product, Yale Materials Handling Corporation, 1400 Sullivan Drive, Caller No. 12011, Greenville, NC.

(51) **LOC (7) Cl.** **12-05**

T16, T20B, T20 Product Description, Lansing Linde, Ltd., Kingsclere Road, Basingtoke, Hampshire, United Kingdom.

(52) **U.S. Cl.** **D34/35**

(List continued on next page.)

(58) **Field of Search** D34/34, 35, 27; 280/762, 43.12, 43.23, 43.17; 74/488, 484 R; 187/237, 238; 180/89.12, 89.13, 89.17

Primary Examiner—Cynthia E. Ramirez
(74) *Attorney, Agent, or Firm*—King and Schickli PLLC

(56) **References Cited**

(57) **CLAIM**

The ornamental design for a set of thumbwheel drive controls for a pallet truck, as shown.

U.S. PATENT DOCUMENTS

DESCRIPTION

- D. 235,987 7/1975 Mono .
- D. 241,633 9/1976 Mono .
- D. 343,935 2/1994 Drobeck et al. .
- D. 364,029 11/1995 Noonan et al. .
- D. 374,534 10/1996 Munde et al. .
- D. 384,478 9/1997 Prehn et al. .
- D. 386,876 11/1997 Niebuhr .
- 5,007,301 4/1991 Powell .
- 5,033,326 7/1991 Powell .
- 5,069,082 12/1991 Seng et al. .
- 5,245,144 9/1993 Stammen .
- 5,590,735 * 1/1997 Cartier 280/43.23
- 5,595,259 1/1997 Gilliland .
- 5,964,313 10/1999 Guy .
- 6,125,971 * 10/2000 Niebuhr et al. 187/237

FIG. 1 is a top and rear, perspective view of a set of thumb wheel drive controls for a pallet truck illustrating my new design;

FIG. 2 is a bottom and rear, perspective view thereof;

FIG. 3 is a top view thereof;

FIG. 4 is a bottom view thereof;

FIG. 5 is a front view thereof;

FIG. 6 is a left side view of one of the thumb wheel drive controls from the set; and,

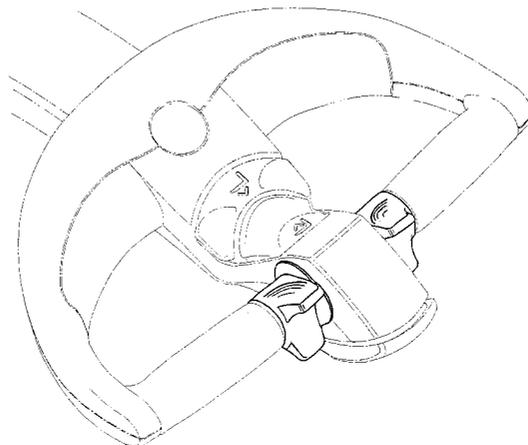
FIG. 7 is a right view of one of the thumb wheel drive controls from the set.

The broken line showing of the control handle in all the figures is for illustrative purposes only and forms no part of the claimed design.

FOREIGN PATENT DOCUMENTS

- 19601694A1 7/1997 (DE) .
- 19623792A1 12/1997 (DE) .

1 Claim, 6 Drawing Sheets



OTHER PUBLICATIONS

N20, N25, N20L Product Description, Lansing Linde, Ltd., Kingsclere Road, Basingtoke, Hampshire, United Kingdom.
Hyster Pedestrian Pallet Trucks PM/P1.8-P2.2, P2.0X-P3.0X/P2.0S, Hyster Europe Ltd., Berk House, Basingstroke, Hants United Kingdom.
Jungheinrich Elektro-Deichselstapler Swift Product Description, Jungheinrich Aktiengesellschaft, Friedrich-Ebert-Damm 129, 22047 Hamburg, Germany.

Dockstocker DSR300 Product Flier, The Raymond Corporation, P.O. Box 130, Greene NY.

Still, Inc. forklift product advertisement.

WP2000 Series Product Description, Crown Equipment Corporation, New Bremen, Ohio.

* cited by examiner

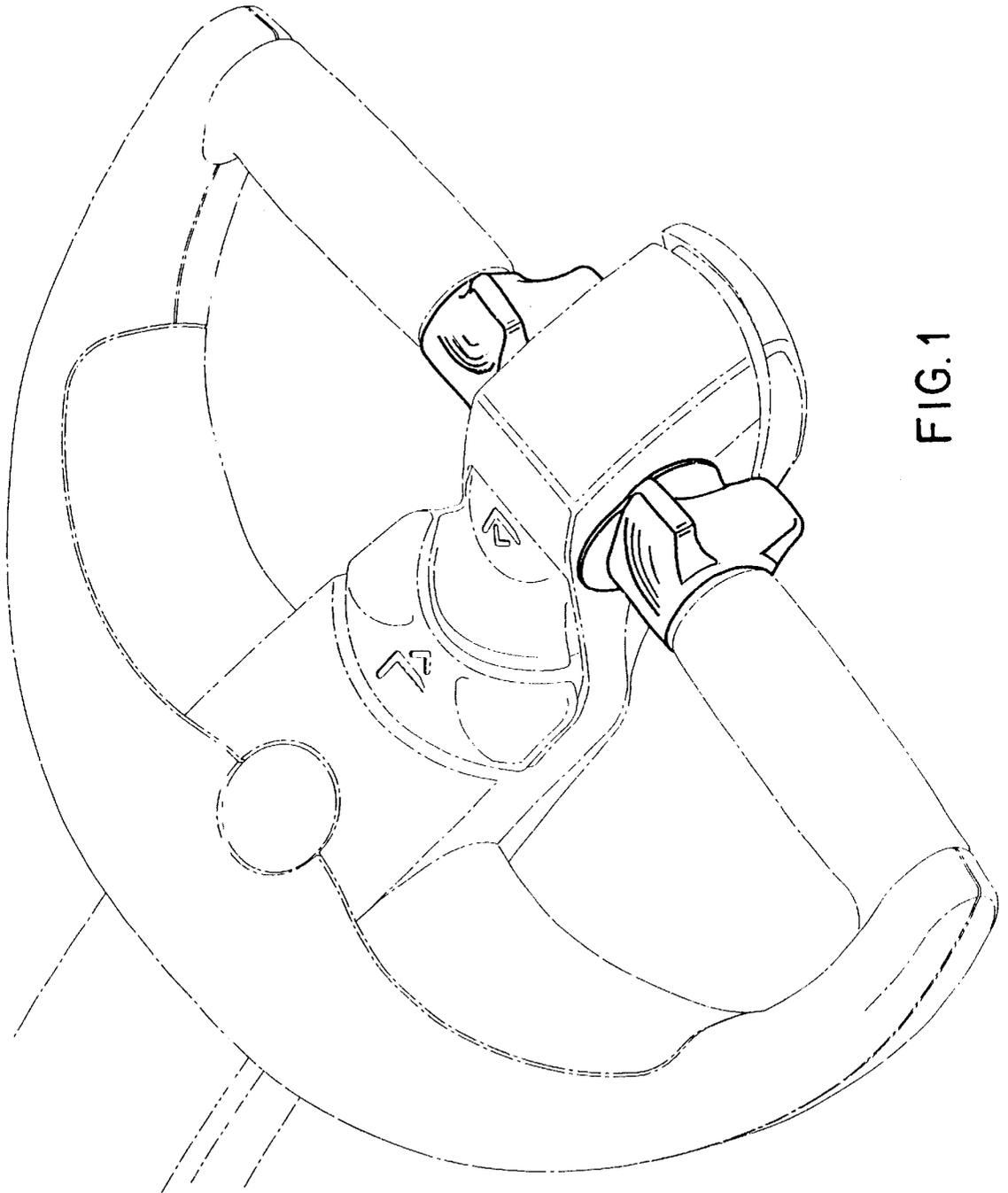


FIG. 1

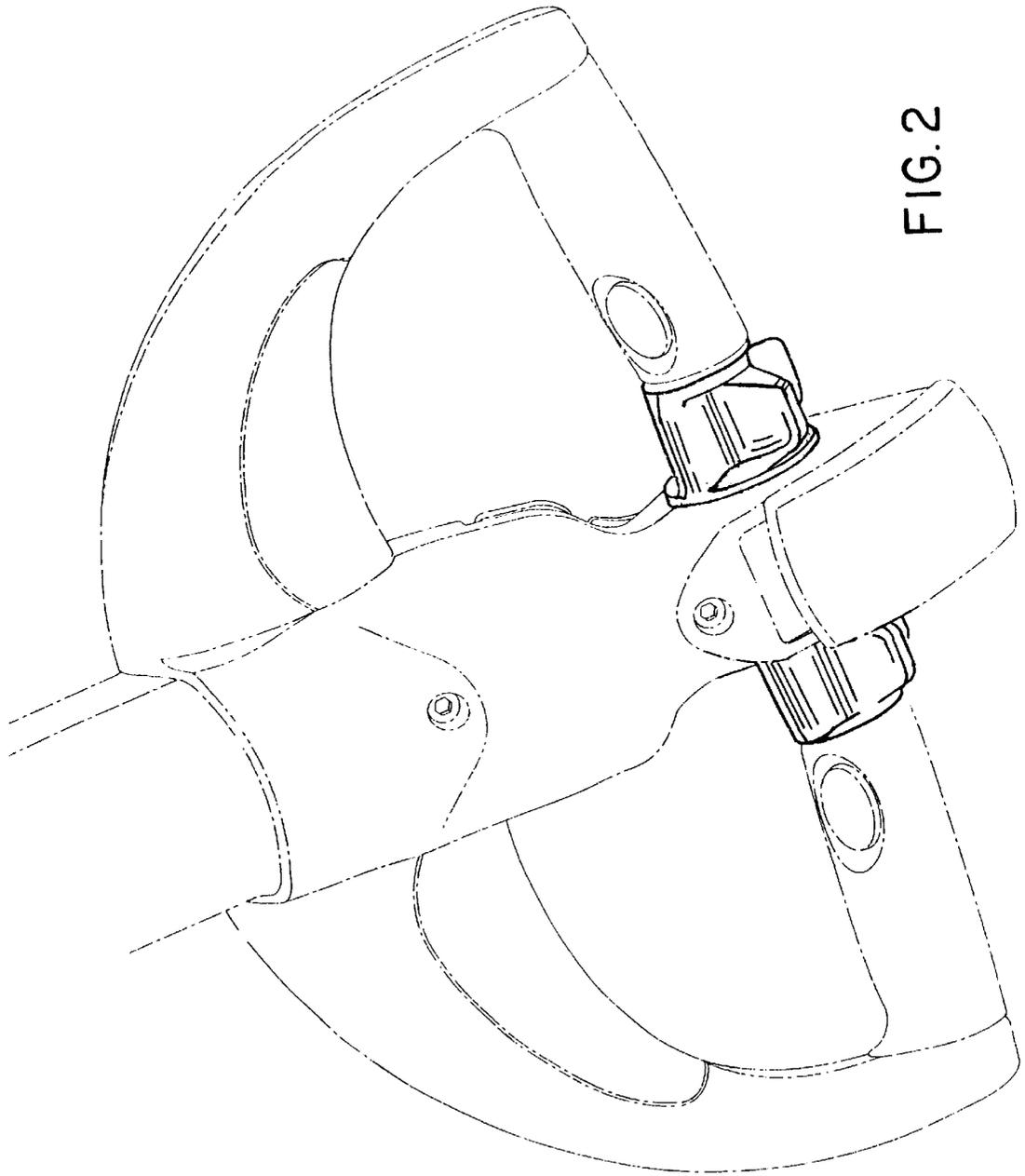


FIG. 2

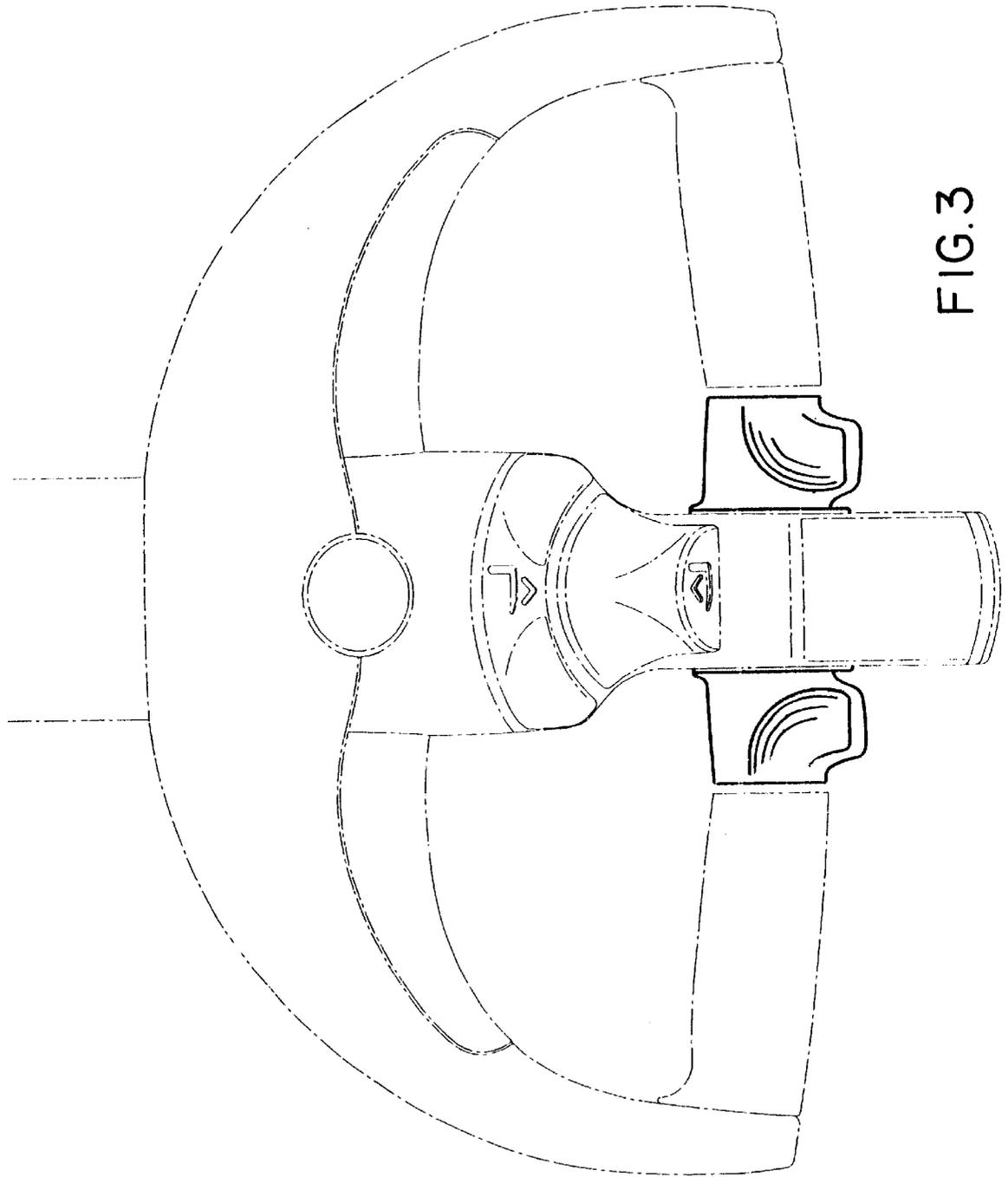


FIG. 3

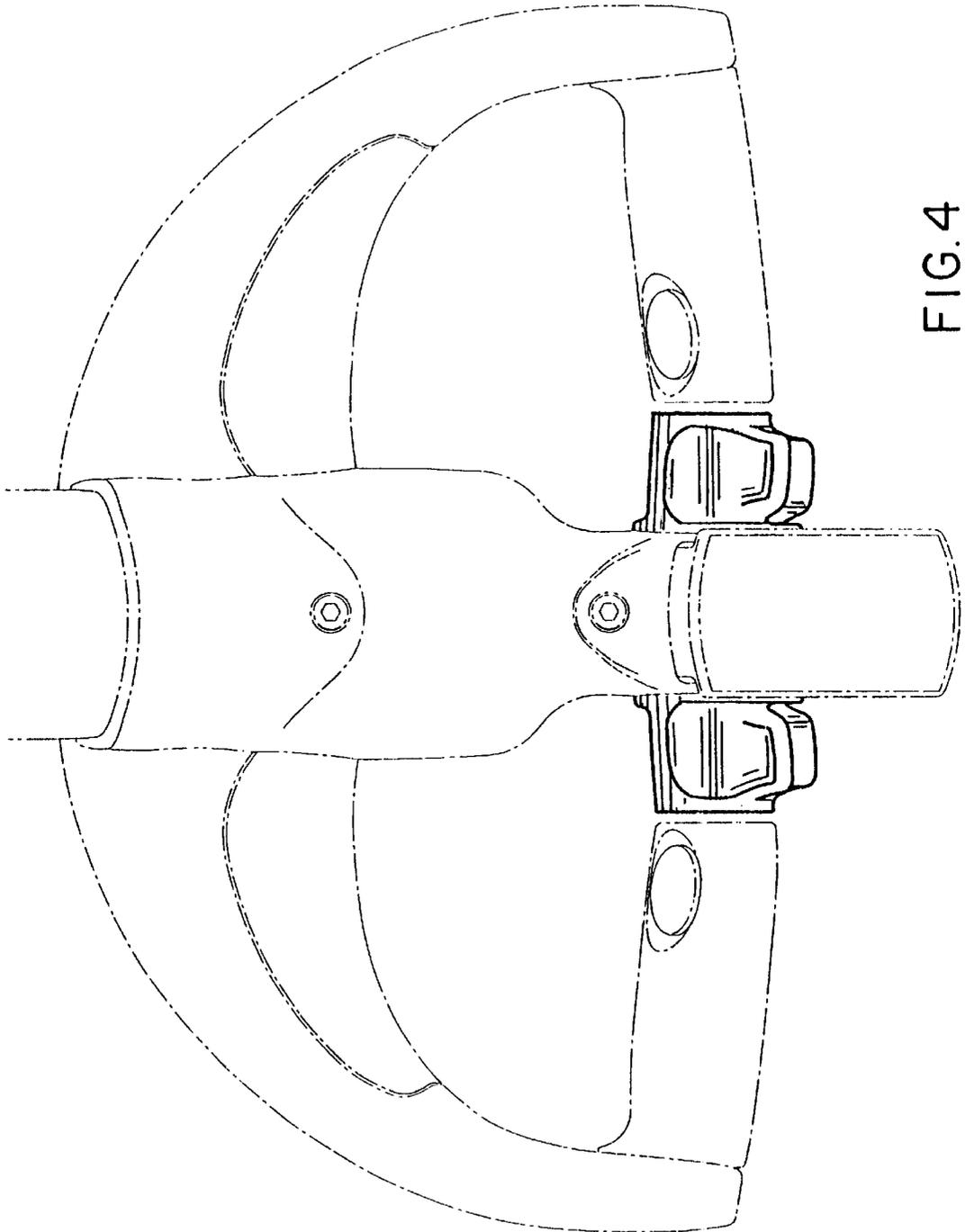


FIG. 4

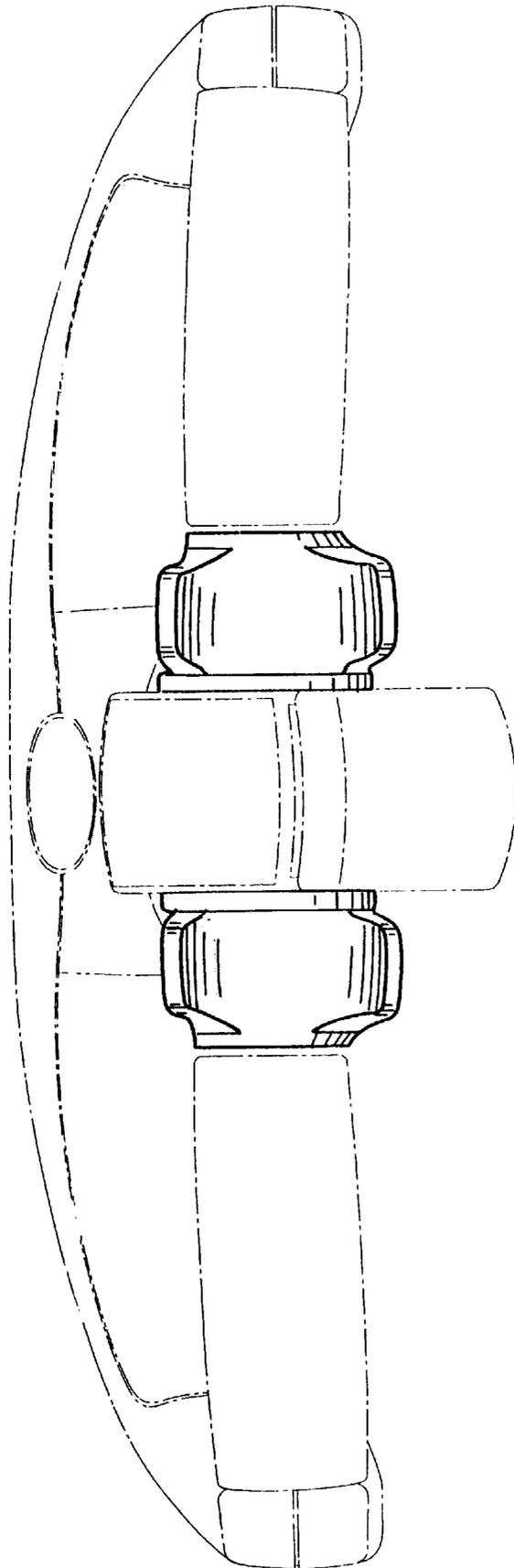


FIG. 5

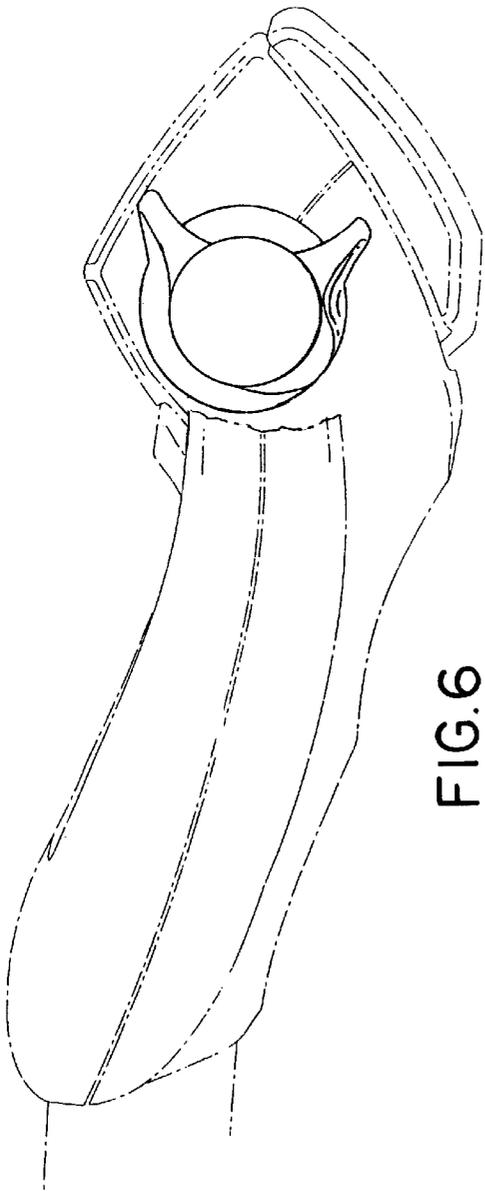


FIG. 6

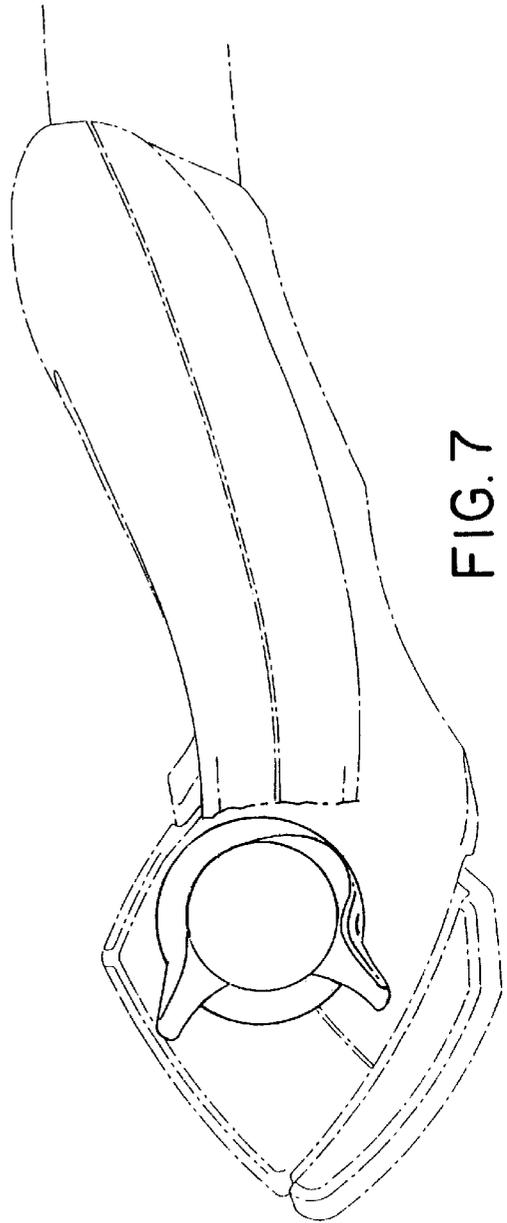


FIG. 7