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

(10) **Patent No.:** **US D646,022 S**  
(45) **Date of Patent:** **\*\* Sep. 27, 2011**

(54) **HAIR STRAIGHTENER**

(75) Inventor: **Ingo Schmitz**, Duisburg (DE)

(73) Assignee: **WIK Far East Ltd.**, Hong Kong (HK)

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

(21) Appl. No.: **29/367,319**

(22) Filed: **Aug. 5, 2010**

(51) **LOC (9) Cl.** ..... **28-03**

(52) **U.S. Cl.** ..... **D28/35**

(58) **Field of Classification Search** ..... D4/100,  
D4/114, 133, 134, 120; 30/28, 29; D24/143,  
D24/153; 132/74.5, 223, 224, 226, 228,  
132/232, 233, 132, 248, 222, 251, 249, 238,  
132/262, 123, 118, 121, 122, 227, 229, 237,  
132/266, 285, 200; D30/158; D28/35, 9,  
D28/10, 11, 12, 13, 37, 38, 73, 75, 55, 60,  
D28/61, 44, 57, 58, 59; 219/222, 242, 218,  
219/521, 226, 225, 229; D8/52; D32/35;  
D7/686; D6/567, 608, 583; D3/205; 206/349  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|           |     |        |                |        |
|-----------|-----|--------|----------------|--------|
| 6,278,086 | B1  | 8/2001 | Janouch et al. |        |
| D485,011  | S * | 1/2004 | Nam            | D28/35 |
| 6,895,975 | B2  | 5/2005 | Hafemann       |        |
| D535,437  | S * | 1/2007 | Ceva           | D28/35 |
| D543,314  | S * | 5/2007 | Morgandi       | D28/35 |
| D544,646  | S * | 6/2007 | Overend        | D28/35 |

(Continued)

**FOREIGN PATENT DOCUMENTS**

DE 19750119 5/1999

(Continued)

**OTHER PUBLICATIONS**

Corresponding German design patent application DE 40 2009 006 133.3, for which priority was not claimed. This design patent regis-

tered in Germany on Jan. 15, 2010, however, publication of the drawings has been delayed at the request of the Applicant. The attached drawings have not yet been published.

(Continued)

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(57) **CLAIM**

The ornamental design for a hair straightener, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of my new design for a hair straightener. The power cord shown in dotted lines is an environmental feature and forms no part of the claimed design.

FIG. 2 is a top plan view of FIG. 1.

FIG. 3 is a bottom plan view of FIG. 1.

FIG. 4 is a left side elevation view of FIG. 1.

FIG. 5 is a right side elevation view of FIG. 1.

FIG. 6 is a front side elevation view of FIG. 1.

FIG. 7 is a rear side elevation view of FIG. 1.

FIG. 8 is a front perspective view of an alternate embodiment of my new design for a hair straightener. The power cord and buttons show in dotted lines are environmental features and form no part of the claimed design.

FIG. 9 is a top plan view of FIG. 8.

FIG. 10 is a bottom plan view of FIG. 8.

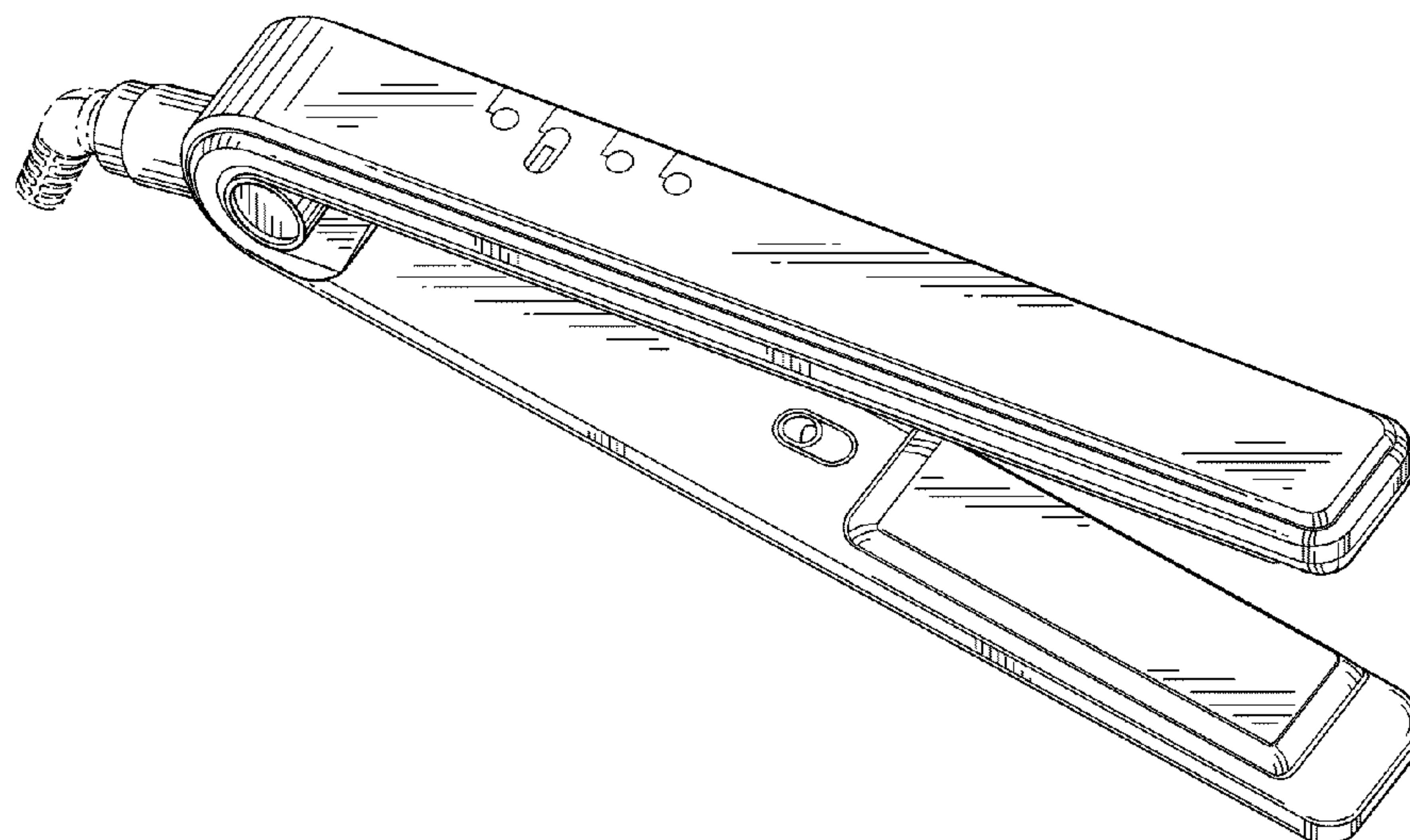
FIG. 11 is a left side elevation view of FIG. 8.

FIG. 12 is a right side elevation view of FIG. 8.

FIG. 13 is a front side elevation view of FIG. 8; and,

FIG. 14 is a rear side elevation view of FIG. 8.

**1 Claim, 4 Drawing Sheets**



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U.S. PATENT DOCUMENTS

|              |      |         |                    |         |
|--------------|------|---------|--------------------|---------|
| 7,243,661    | B2 * | 7/2007  | Lun et al. ....    | 132/224 |
| 7,287,532    | B2   | 10/2007 | Hafemann           |         |
| D575,453     | S *  | 8/2008  | Overend .....      | D28/35  |
| D596,791     | S *  | 7/2009  | Russo .....        | D28/35  |
| D596,794     | S *  | 7/2009  | Keong .....        | D28/35  |
| D596,800     | S *  | 7/2009  | Kwok .....         | D28/35  |
| D599,058     | S *  | 8/2009  | Kim .....          | D28/35  |
| D606,254     | S *  | 12/2009 | Leung .....        | D28/35  |
| D609,401     | S *  | 2/2010  | Yang .....         | D28/35  |
| 2005/0081876 | A1 * | 4/2005  | Choi .....         | 132/224 |
| 2006/0037625 | A1 * | 2/2006  | Kayser et al. .... | 132/224 |
| 2007/0209673 | A1 * | 9/2007  | Choi .....         | 132/224 |
| 2007/0218746 | A1 * | 9/2007  | Hur .....          | 439/369 |
| 2009/0266378 | A1   | 10/2009 | Nunomura           |         |

|              |    |        |          |
|--------------|----|--------|----------|
| 2010/0147323 | A1 | 6/2010 | Hafemann |
| 2010/0147324 | A1 | 6/2010 | Hafemann |

FOREIGN PATENT DOCUMENTS

|    |          |         |
|----|----------|---------|
| DE | 20200971 | 6/2002  |
| EP | 1472951  | 11/2004 |
| EP | 1958531  | 8/2008  |
| FR | 2913570  | 9/2008  |
| WO | 03061416 | 7/2003  |

OTHER PUBLICATIONS

U.S. Appl. No. 29/367,320 filed Aug. 5, 2010; Inventor: Ingo Schmitz. Copy not provided as application is available in IFW system per 37 CFR 1.98(a)(2)(iii).

\* cited by examiner

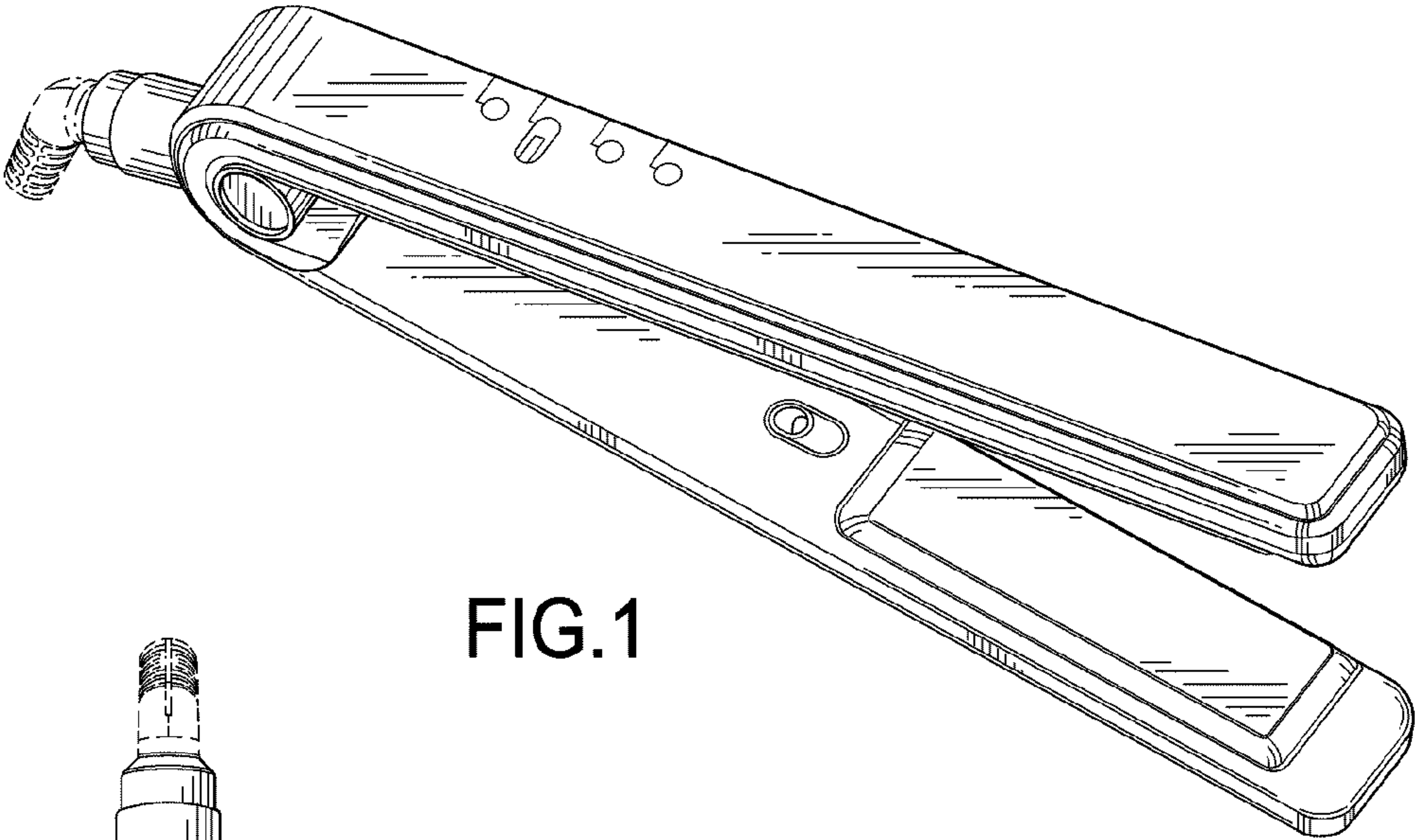


FIG.1

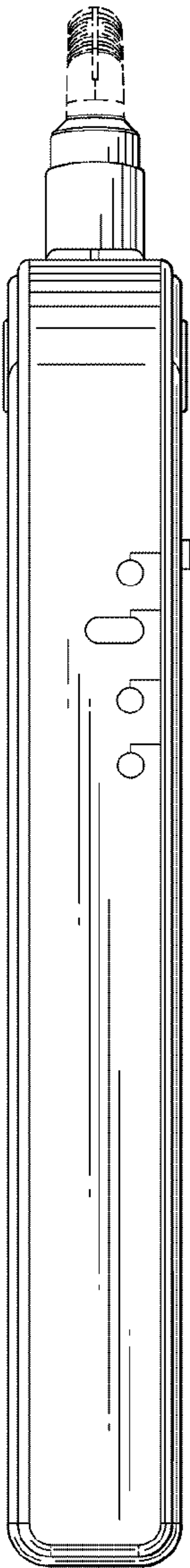


FIG.2

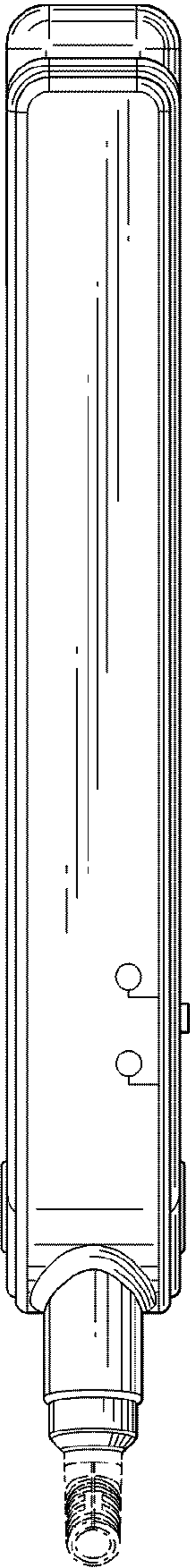


FIG.3

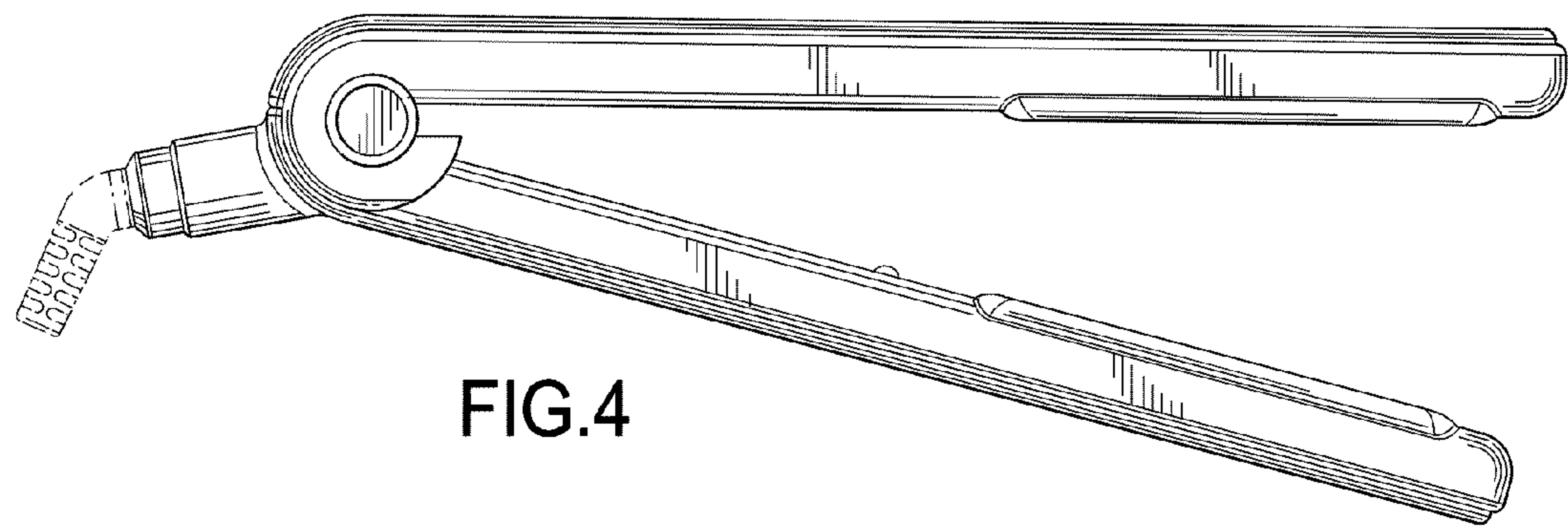


FIG.4

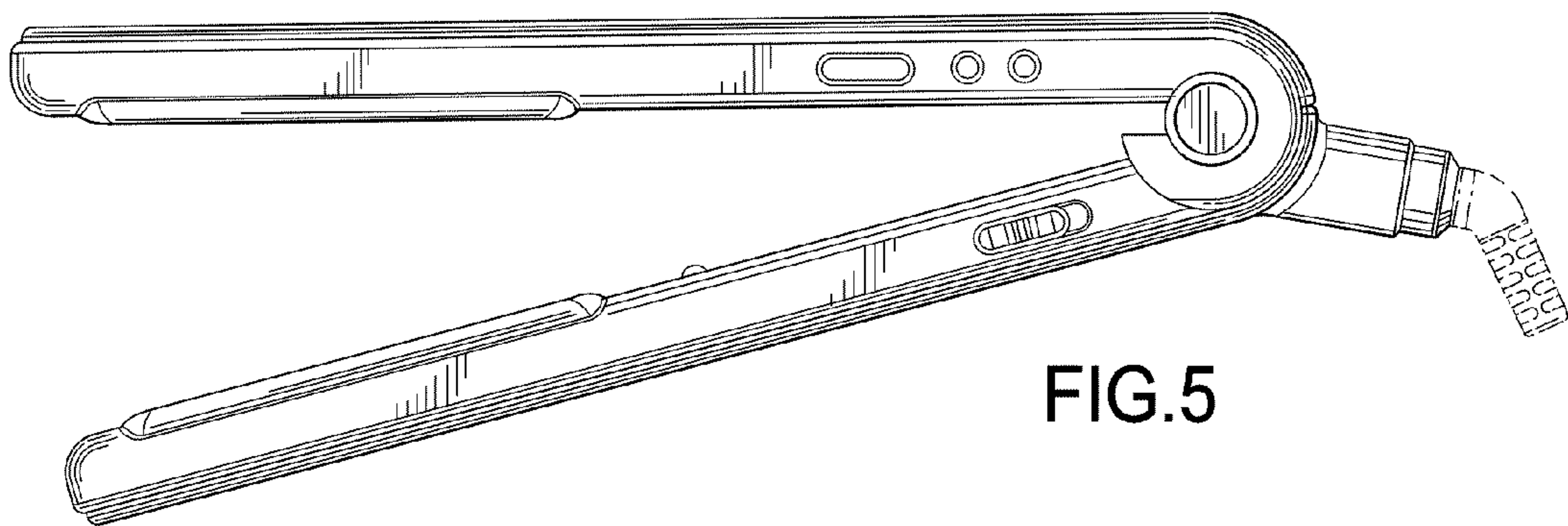


FIG.5

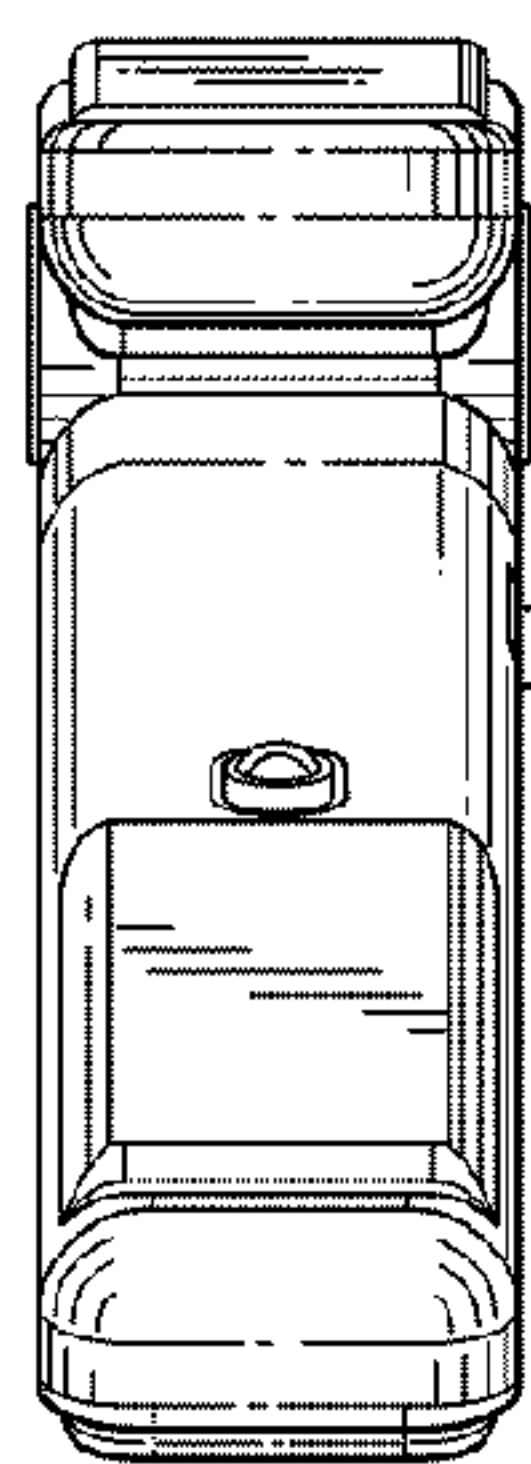


FIG.6

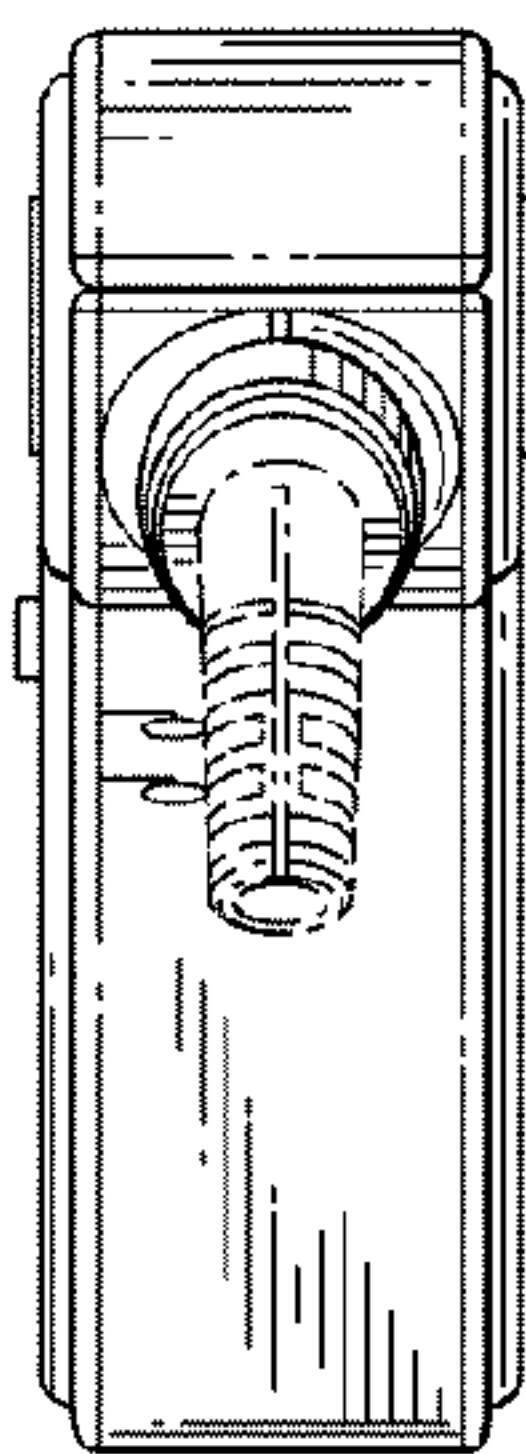


FIG.7

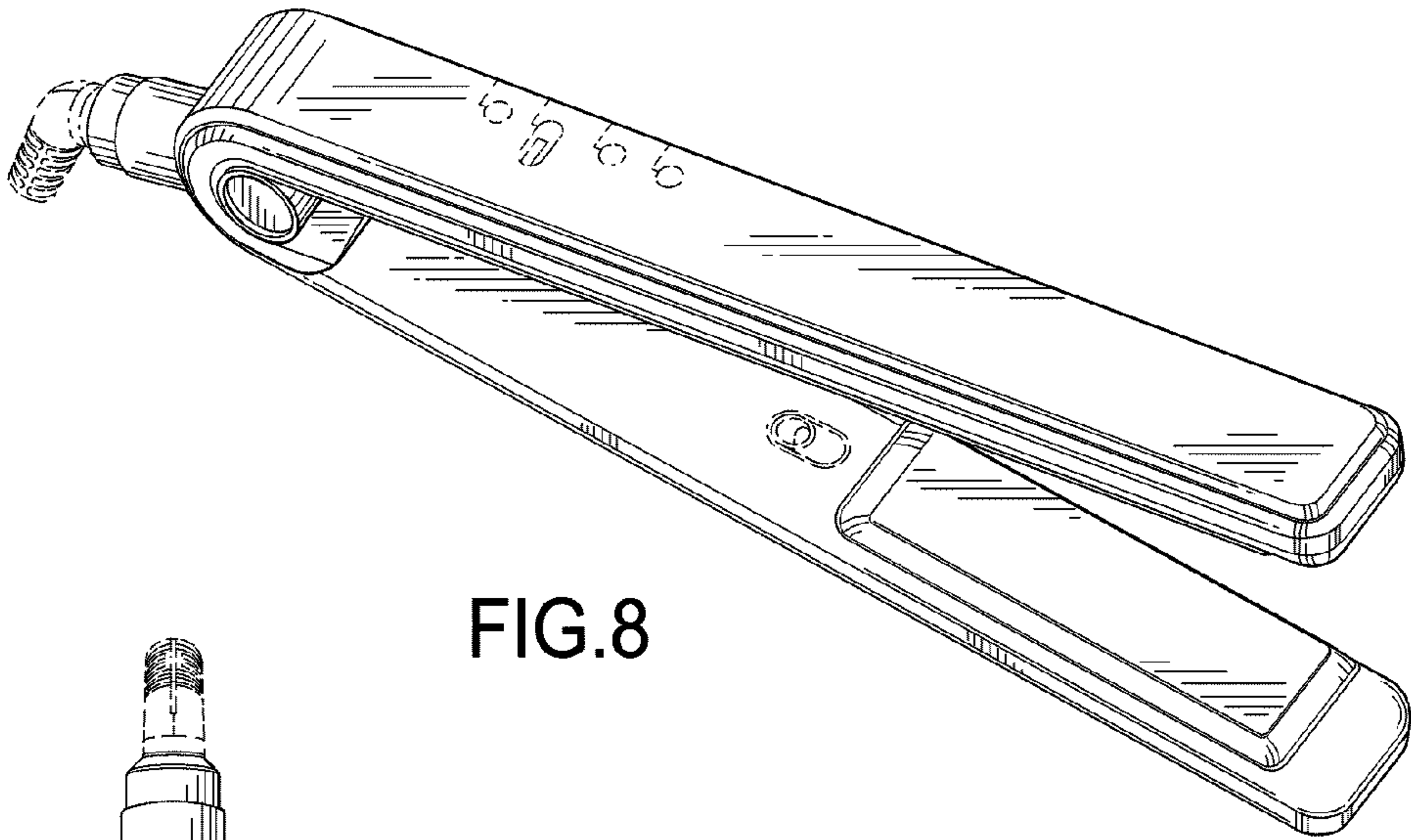


FIG.8

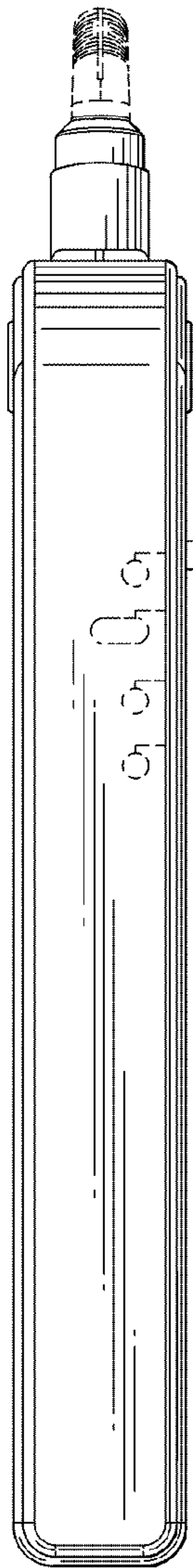


FIG.9

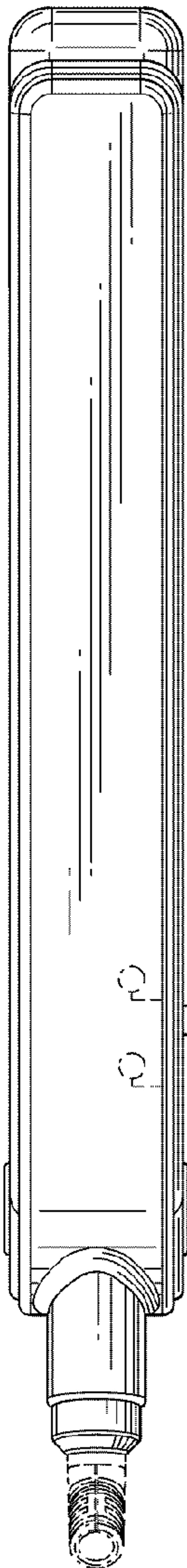


FIG.10

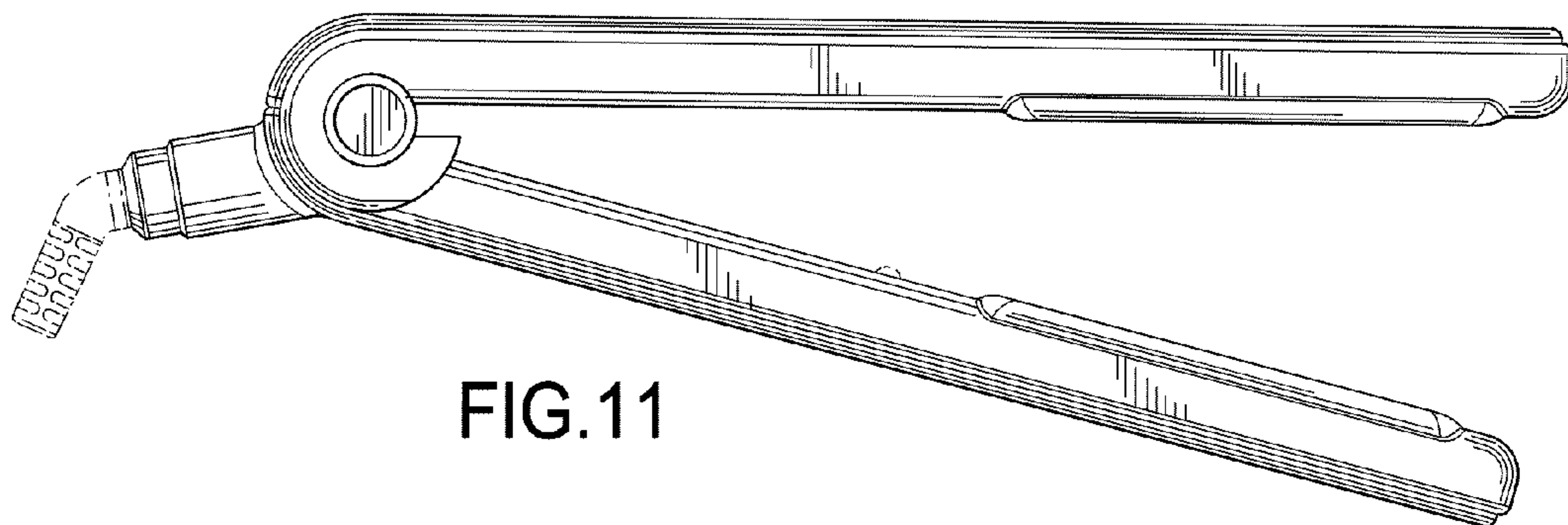


FIG.11

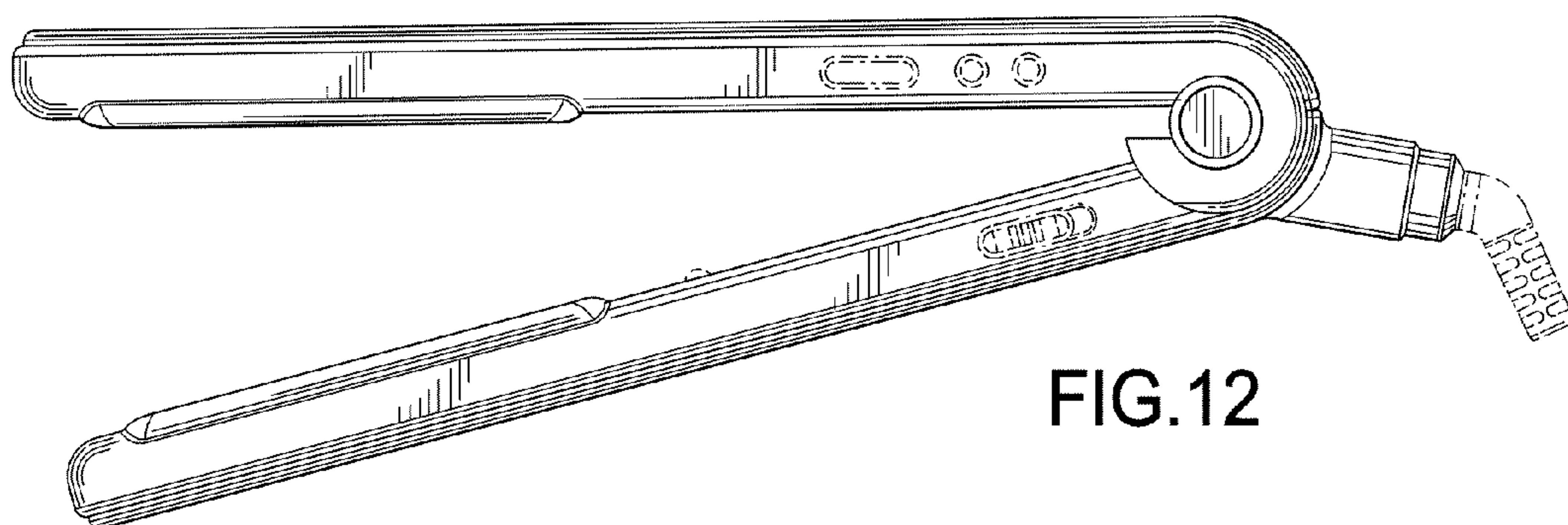


FIG.12

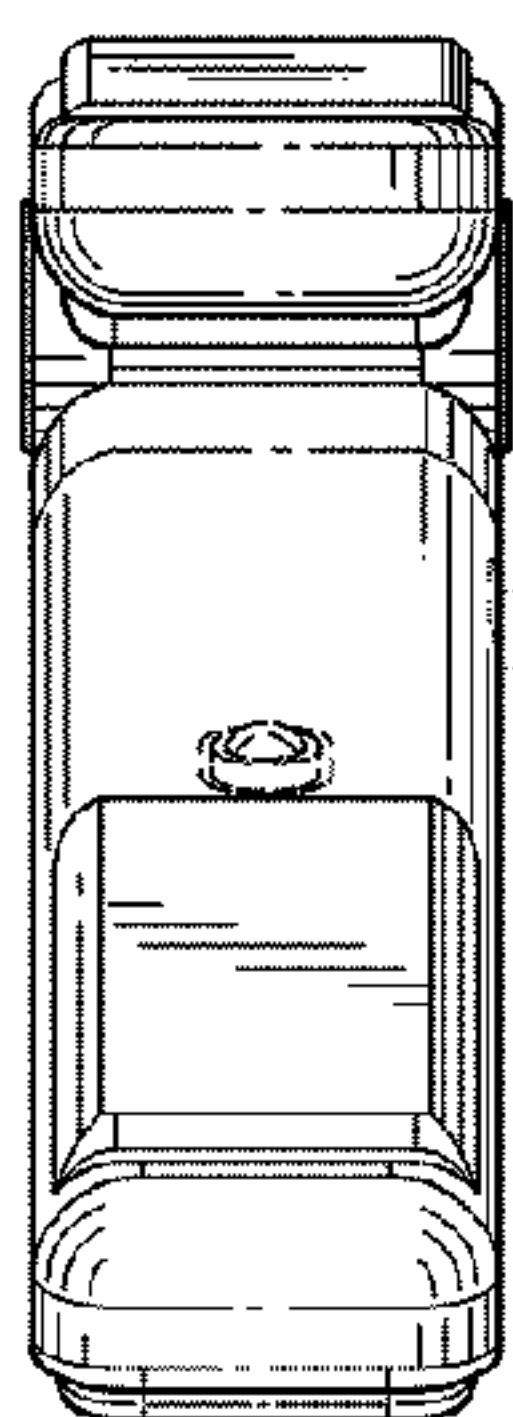


FIG.13

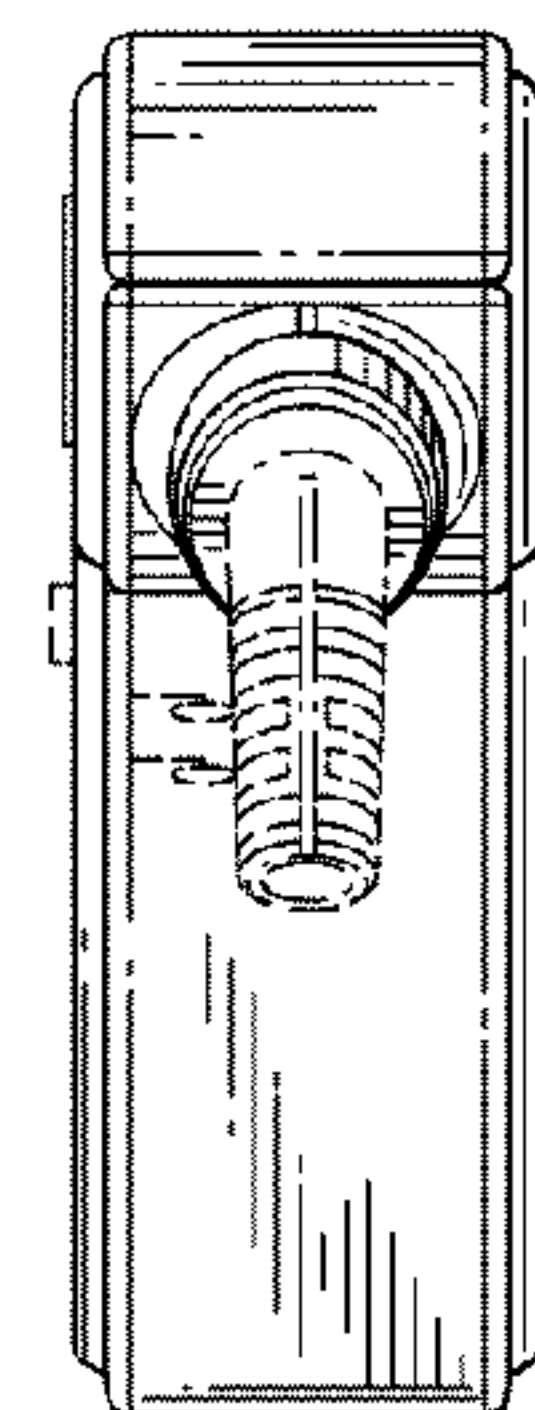


FIG.14