

US00D569107S

(12) **United States Design Patent** (10) **Patent No.:** **US D569,107 S**
Cotnoir et al. (45) **Date of Patent:** **** May 20, 2008**

(54) **BIOMETRIC CLEANING BRUSH**

D524,550 S * 7/2006 Nagoya D4/132

(75) Inventors: **Gary Arthur Cotnoir**, Enfield, CT
(US); **Eric Roland Vogel**, Southwick,
MA (US)

FOREIGN PATENT DOCUMENTS

DE 2527078 A * 1/1977

OTHER PUBLICATIONS

(73) Assignee: **Accu-Time Systems, Inc.**, Ellington,
CT (US)

brush.com—a braun brush company “Double End Detail Brush 9”
OA Nylon Hair, MAG41-1” <http://www.brush.com/cgi-bin/Brush.storefront/43e8f13a15d688b02740d8968d640766/Product/View/MAG41&2D1010108,© 2001>.

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

* cited by examiner

(21) Appl. No.: **29/240,216**

Primary Examiner—Cathron Brooks

(22) Filed: **Oct. 11, 2005**

Assistant Examiner—Lavone D. Tabor

(51) **LOC (8) Cl.** **04-01**

(74) *Attorney, Agent, or Firm*—Volpe and Koenig, P.C.

(52) **U.S. Cl.** **D4/119; D4/132**

(58) **Field of Classification Search** D4/119,
D4/120, 132, 135, 138; 15/106, 143.1, 159.1,
15/160, 186, 187

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a biometric cleaning brush, as
shown and described.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D34,789 S * 7/1901 Boyden D4/119
879,754 A * 2/1908 Feathersone 15/164
1,749,733 A * 3/1930 Cave et al. 15/160
D102,055 S * 11/1936 Kirsten D4/119
3,451,092 A * 6/1969 Szopo 15/106
4,796,325 A 1/1989 Bortman
5,242,301 A * 9/1993 Hickey et al. 433/141
5,319,821 A * 6/1994 Nicholson et al. 15/104.8
5,611,361 A 3/1997 Leone
D429,072 S * 8/2000 Winge D4/132
6,286,173 B1 9/2001 Briones
6,804,852 B1 * 10/2004 Hay 15/160
6,922,865 B1 * 8/2005 Logan, Sr. 15/114

DESCRIPTION

FIG. 1 is a side perspective view of the biometric cleaning
brush according to our invention;

FIG. 2 is a side elevation view, the other side being the
mirror image;

FIG. 3 is an elevation view from the right side of FIG. 2;

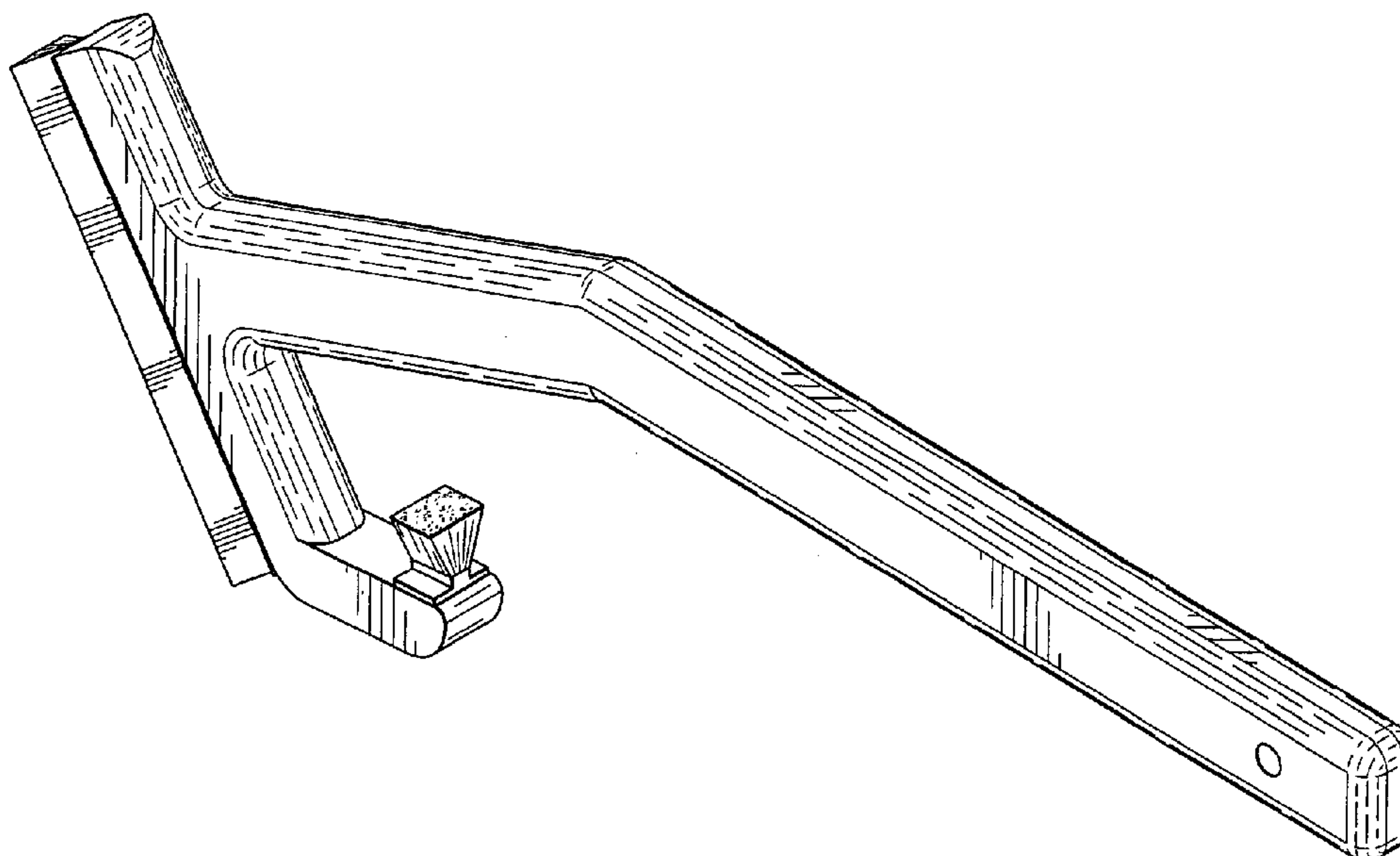
FIG. 4 is an elevation view from the left side of FIG. 2;

FIG. 5 is a top plan view of FIG. 2; and,

FIG. 6 is a bottom plan view of FIG. 2.

The individual strands that make up the bristle structures are
partially shown for ease of illustration.

1 Claim, 2 Drawing Sheets



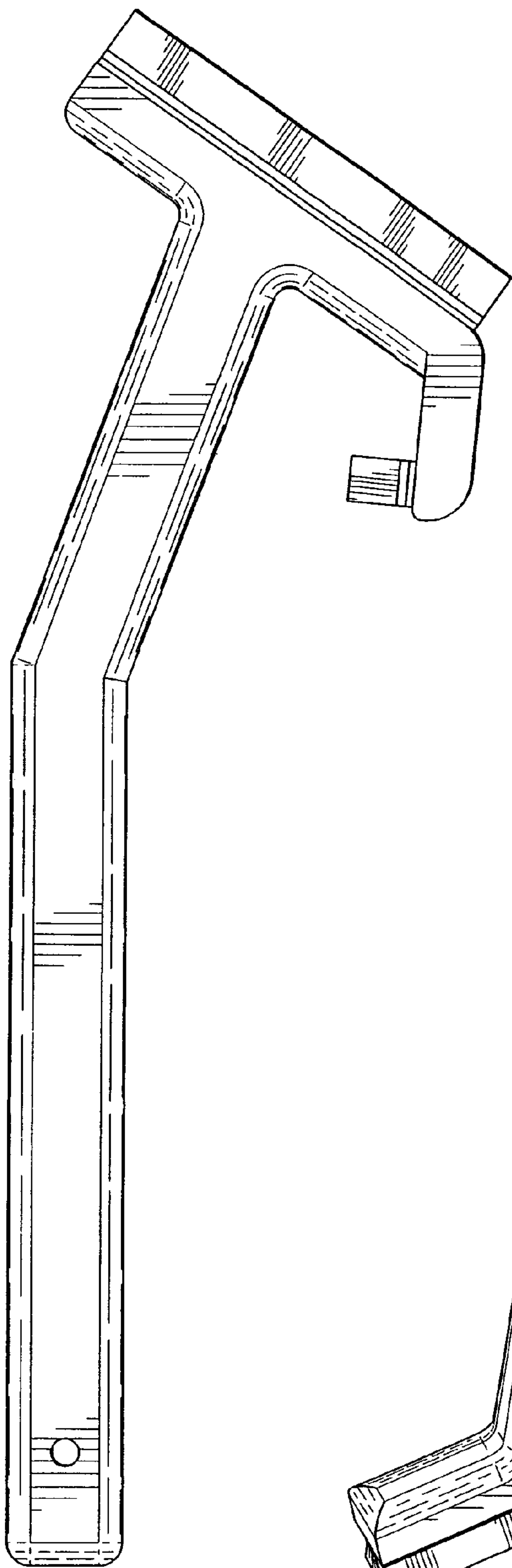


FIG. 1

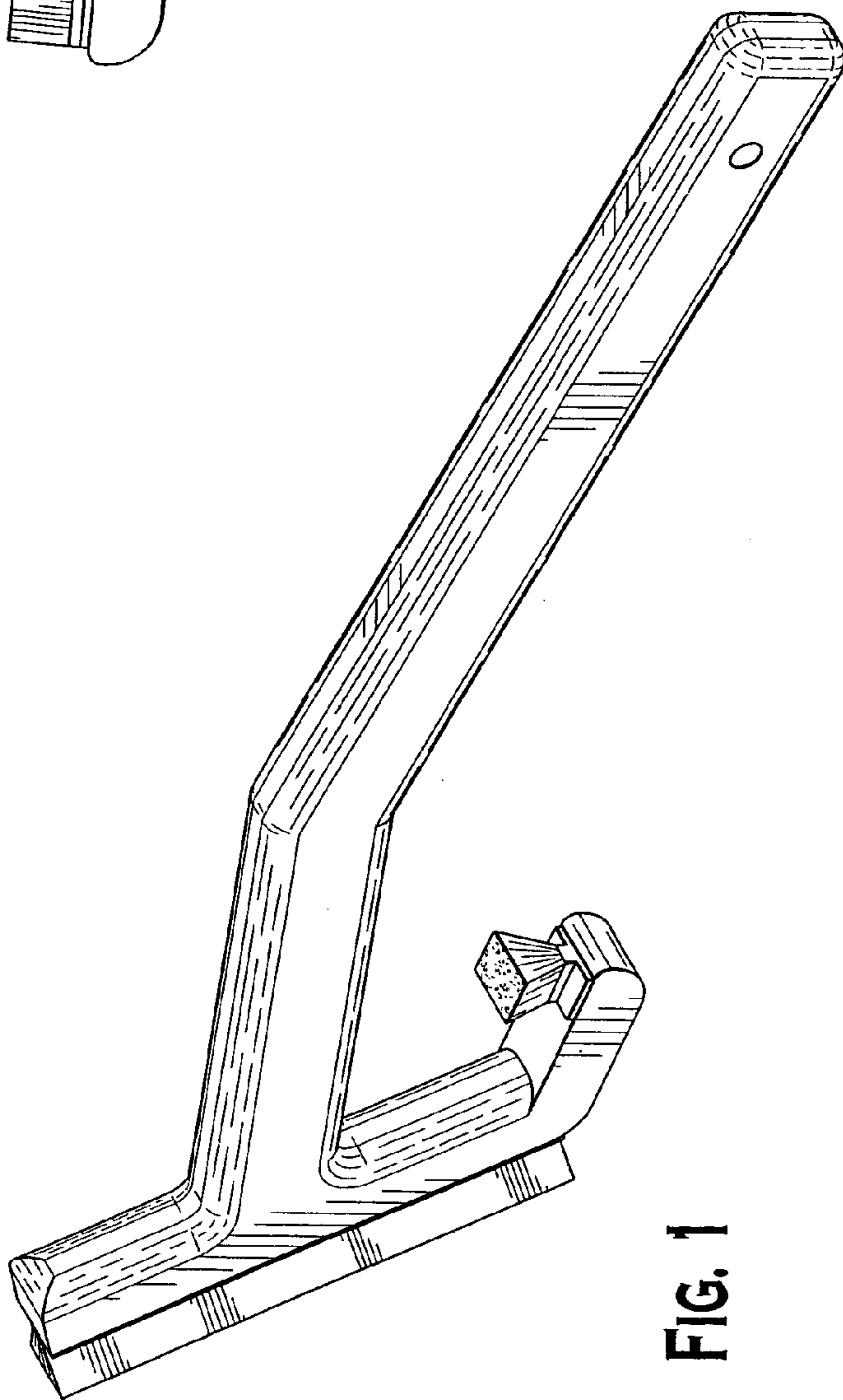


FIG. 2

FIG. 4

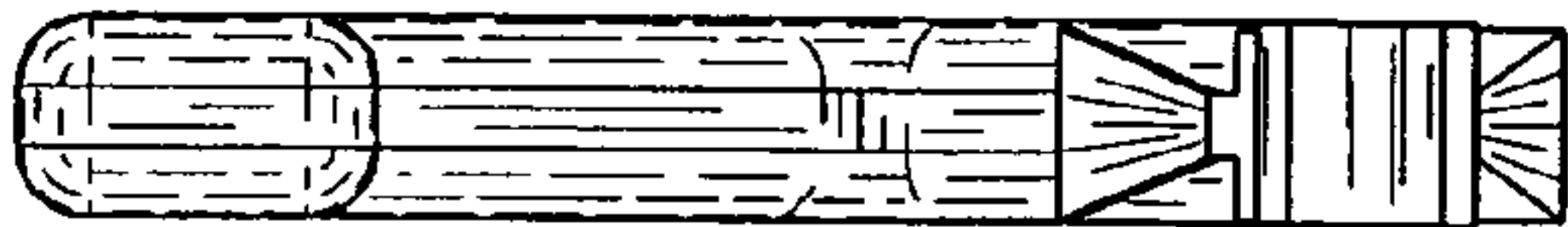


FIG. 3

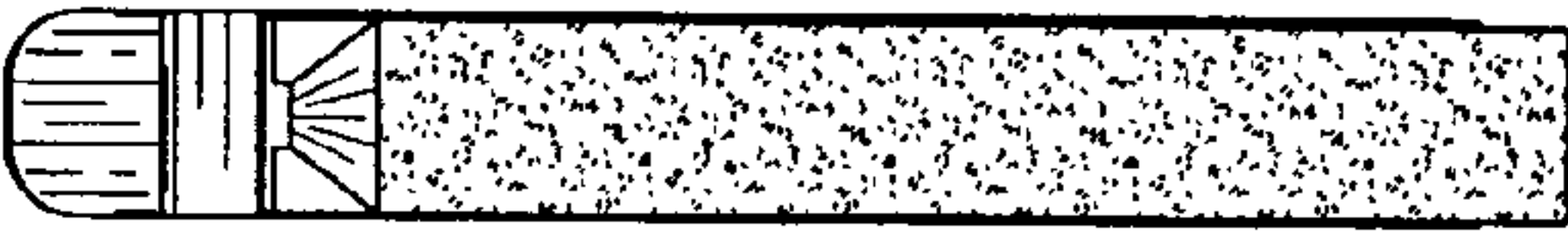


FIG. 5



FIG. 6

