



US00D356640S

United States Patent [19]

[11] Patent Number: Des. 356,640

Nordstrom et al.

[45] Date of Patent: ** Mar. 21, 1995

[54] **MECHANICAL ARM FOR SUPPORTING A DENTAL INSTRUMENT HOLDER**

[75] Inventors: **Carl G. Nordstrom**, Lake Oswego;
Andrew G. Schaefers, Newberg, both
of Oreg.

[73] Assignee: **A-Dec, Inc.**, Newberg, Oreg.

[**] Term: **14 Years**

[21] Appl. No.: **3,491**

[22] Filed: **Jan. 8, 1993**

[52] U.S. Cl. **D24/176; D8/373**

[58] Field of Search **D24/176-182;**
248/917-924, 218.4, 317; 433/52-54, 27-28, 25,
103-105, 49, 72, 125, 77, 79

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 201,968	8/1965	Gardella	D24/177
D. 233,990	12/1974	Booth	D24/177
D. 258,007	1/1981	Schmidt	D24/177
3,359,575	12/1967	Nielsen	433/97 X
3,650,033	3/1972	Behne et al. .	
3,653,125	4/1972	Heubeck .	
3,718,974	3/1973	Buchtel et al. .	
3,762,051	10/1973	Valoska .	
3,771,226	11/1973	Lieb et al. .	
3,813,147	5/1974	Rick .	
3,918,161	11/1975	Morgan et al. .	
4,332,557	6/1982	Watanabe .	
4,630,862	12/1986	Watanabe .	
4,676,750	6/1987	Mason .	
4,729,533	3/1988	Hillary et al.	248/419 X
4,854,538	8/1989	Von Schalscha	248/346
4,878,709	11/1989	Okamoto .	
4,883,316	11/1989	Austin, Jr. et al. .	
4,952,146	8/1990	Doty .	
5,176,423	1/1993	Austin, Jr. et al. .	

OTHER PUBLICATIONS

- 1991 A-Dec Equipment 117-page catalog, cover and pp. 31-54, circa Jan. 1991.
- Anthoc "Tesso" six-page brochure, circa Sep. 1992.
- A-Dec "Preference" six-page brochure, Sep. 1982.
- A-Dec "Century" one-page advertisement, circa 1977.
- A-Dec "Light Base" one page brochure, Sep. 1968.

Robin Dental Company 40-pg. catalog, cover and pp. 7-15, Feb. 1985.

ETI three-page brochure circa Oct. 1991.

Ritter Dental Console Operator's three-page manual, two pages, 1967.

Kent Company Equipment Catalog, cover page, 1978.
Weber Dental Criterion-300, cover page only, Apr. 16, 1973.

Parkell Trac 3 Operator's Manual, two pages, circa 1979.

A-Dec "Continental System" two-page brochure circa Jan. 1991.

Osada "FX Series" 31-page Japanese language brochure, cover and pp. 4, 8, 13, 15, 19 and 21, circa Jan. 1991.

Belmont Dental Equipment 37-page catalog, p. 15, circa Jan. 1991.

Signo "Grand" 19-page Japanese language brochure, p. 12, circa Jan. 1991.

Takara Belmont Dental Equipment 50-page Japanese language catalog, pp. 21-22, 33-34, circa Jan. 1991.

A-Dec 121-page equipment catalog, pp. 84, 92, 115-116, Sep. 1991.

A-Dec two-page compilation of holder devices: 1969, 1974, 1976, 1980, 1987, 1991, circa Jan. 1991.

A-Dec "J-Dec" two-page Japanese language equipment brochure, circa Jan. 1991.

Primary Examiner—Wallace R. Burke

Assistant Examiner—M. H. Tung

Attorney, Agent, or Firm—Klarquist Sparkman
Campbell Leigh & Whinston

[57] **CLAIM**

The ornamental design for a mechanical arm for supporting a dental instrument holder, as shown.

DESCRIPTION

FIG. 1 is a top perspective view of a mechanical arm for supporting a dental instrument holder showing our new design and the broken lines are shown for illustrative purposes only;

FIG. 2 is a bottom perspective view of the mechanical arm for supporting a dental instrument holder showing our design;

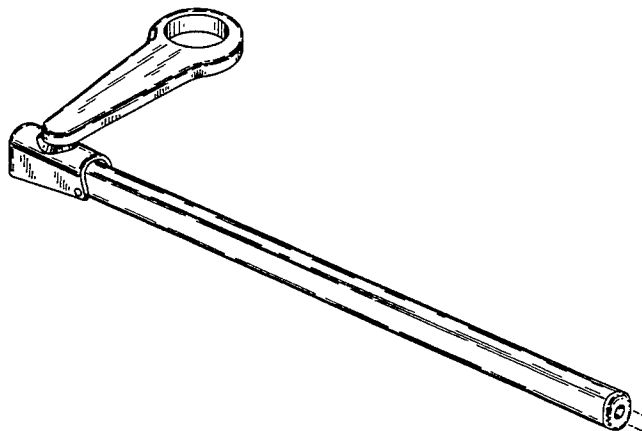


FIG. 3 is a bottom plan view of the mechanical arm for supporting a dental instrument holder;

FIG. 4 is a top plan view of the mechanical arm for supporting a dental instrument holder;

FIG. 5 is a right-side elevational view of the mechanical arm for supporting a dental instrument holder;
FIG. 6 is a left-side elevational view of the mechanical arm for supporting a dental instrument holder;
FIG. 7 is a rear elevational view of the system; and,
FIG. 8 is a front elevational view of the mechanical arm for supporting a dental instrument holder.

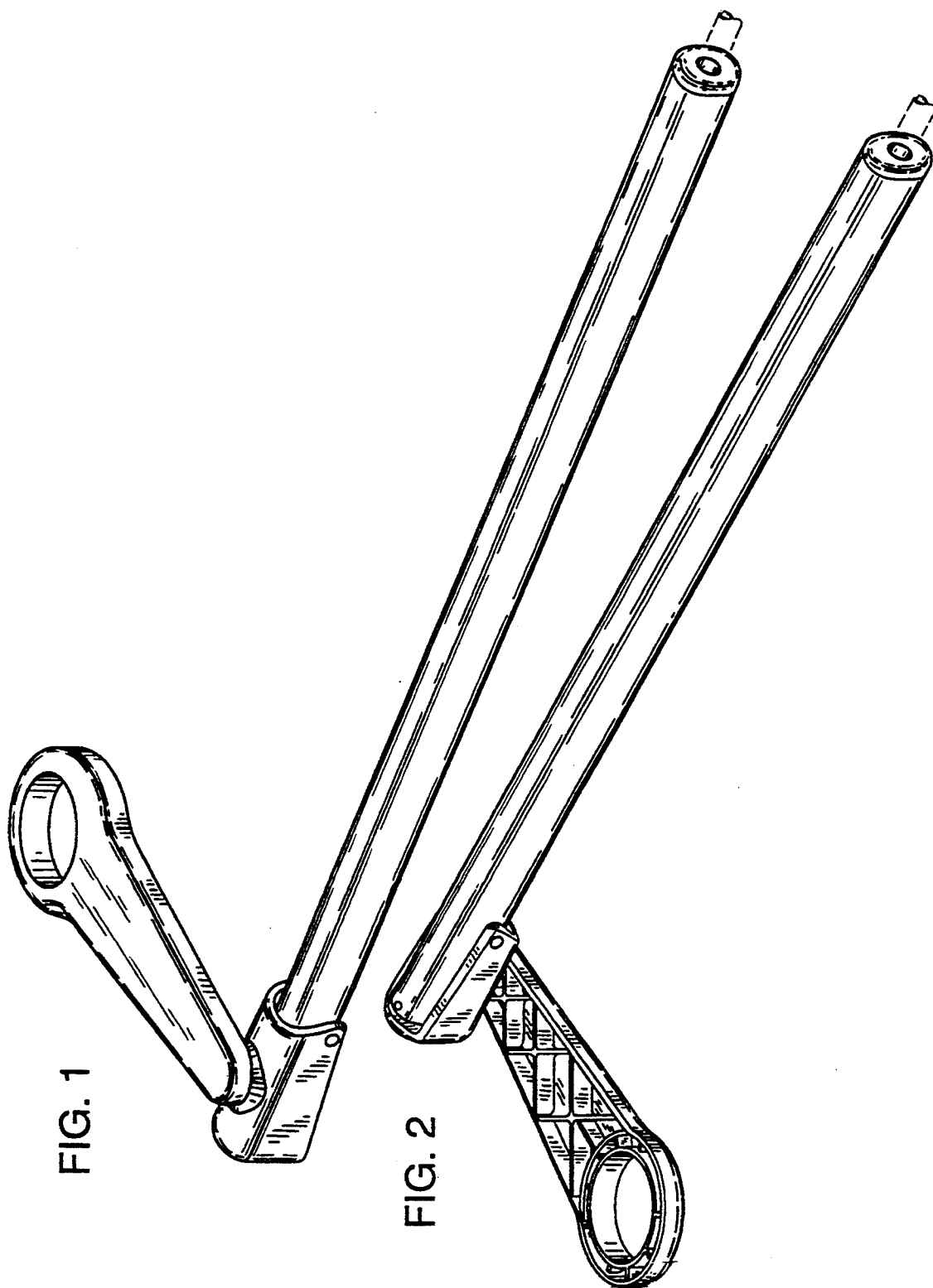


FIG. 1

FIG. 2

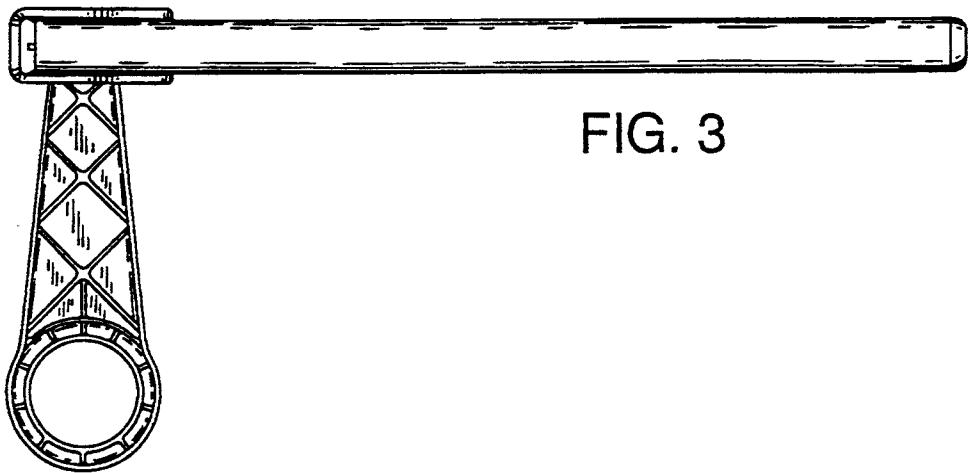


FIG. 3

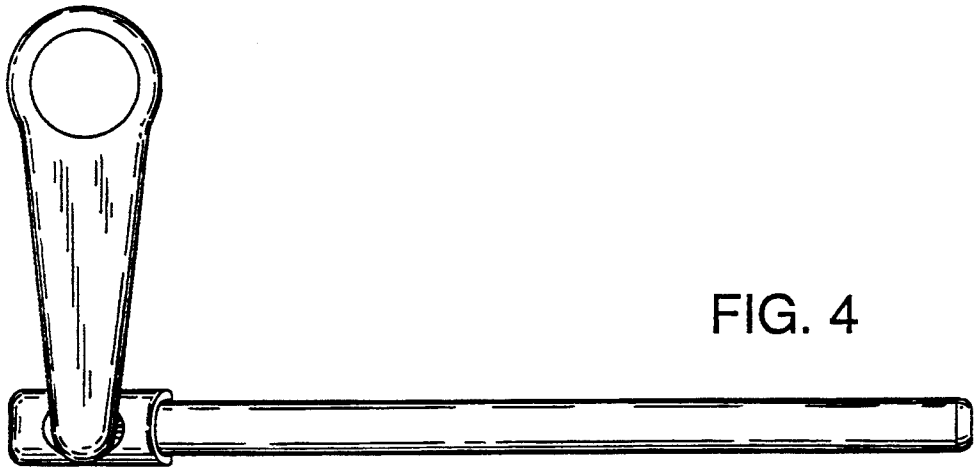


FIG. 4

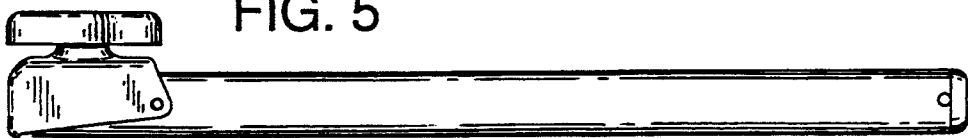


FIG. 5

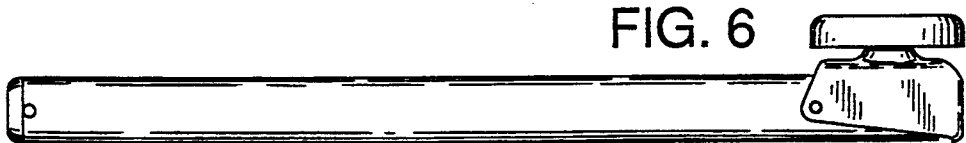


FIG. 6

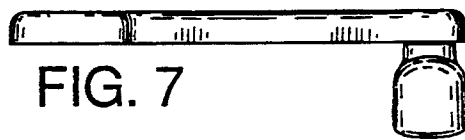


FIG. 7

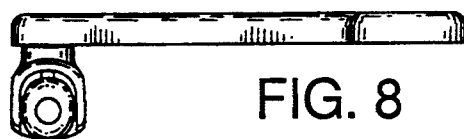


FIG. 8