US00D668336S

(12) United States Design Patent

Yanagawa

(10) Patent No.: US D668,336 S
(45) Date of Patent: ** Oct. 2, 2012

(54) **ELECTRODE NEEDLE FOR HIGH-FREQUENCY THERAPY EQUIPMENT**

(75) Inventor: **Kiwamu Yanagawa**, Tokyo (JP)

(73) Assignee: **Kabushiki Kaisha Top**, Tokyo (JP)

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

(21) Appl. No.: **29/391,552**

(22) Filed: **May 10, 2011**

(30) **Foreign Application Priority Data**

Nov. 11, 2010 (JP) 2010-027171

(51) **LOC (9) Cl.** **24-02**

(52) **U.S. Cl.** **D24/144**; D24/130

(58) **Field of Classification Search** D24/144, D24/133, 146–147, 170, 145, 186–187, 112, D24/129–130, 127; 606/31–35, 37–38, 41–42, 606/45–50, 167, 169; 600/567, 372; 604/528, 604/533, 523, 264, 272, 19, 22

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,198,319	A *	4/1940	Silverman	600/567
2,994,324	A *	8/1961	Lemos	D24/144
3,058,225	A *	10/1962	Ward	D24/147
4,892,105	A *	1/1990	Prass	600/554
5,011,473	A *	4/1991	Gatturna	604/528
5,971,980	A *	10/1999	Sherman	606/34
6,402,701	B1 *	6/2002	Kaplan et al.	600/567
D494,677	S *	8/2004	Garvin	D24/130
7,655,003	B2 *	2/2010	Lorang et al.	606/32
2011/0118729	A1 *	5/2011	Heeren et al.	606/41
2011/0282340	A1 *	11/2011	Toth et al.	606/33

* cited by examiner

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

(57) **CLAIM**

The ornamental design for an electrode needle for high-frequency therapy equipment, as shown and described.

DESCRIPTION

FIG. **1** is a front elevational view of a electrode needle for high-frequency therapy equipment showing my new design, the rear view being symmetrical thereto;

FIG. **2** is a right side elevational view thereof;

FIG. **3** is left side elevational view thereof;

FIG. **4** is a top plan view thereof, the bottom view being symmetrical thereto;

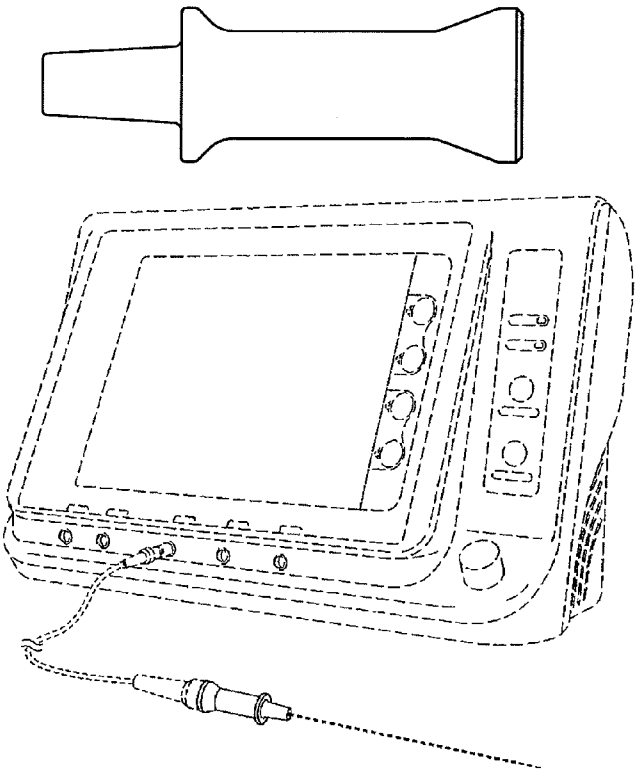
FIG. **5** is an enlarged front elevational view thereof;

FIG. **6** is an enlarged left side elevational view thereof; and,

FIG. **7** is a reference drawing showing the use state of the invention.

The broken lines shown in FIGS. **1**, **2**, **4** and **7** represent portions of the electrode needle for high-frequency therapy equipment that form no part of the claimed design.

1 Claim, 4 Drawing Sheets



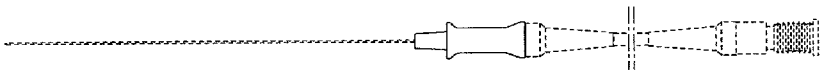


FIG. 1

FIG. 2

FIG. 3

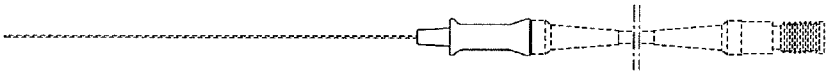


FIG. 4

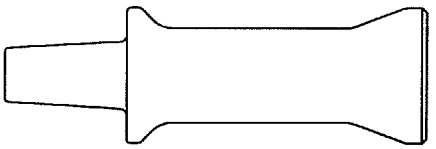


FIG. 5

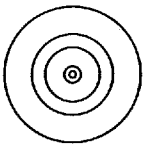


FIG. 6

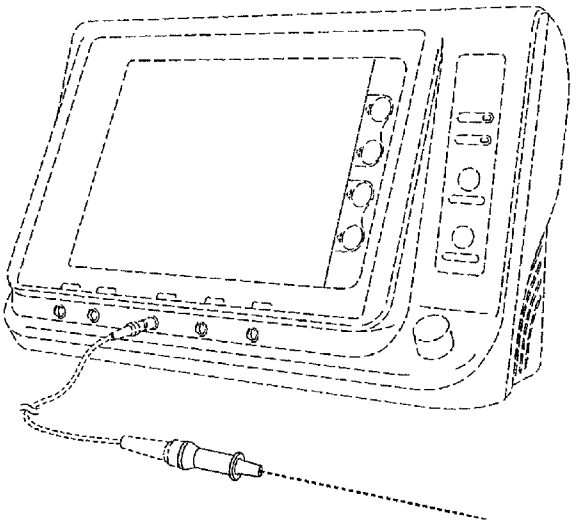


FIG. 7