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# APPARATUS USED IN ELECTROTHERAPY AND ACTINOTHERAPY

NOTES ON CONSTRUCTION AND WORKING

# E. M. GOTTS

Some Assetion, Physiotherapy Co. Outside Peaglast Lestorer in Electrotherapy and Act. Outside Salest of Physiotherapy Security Inches Auditor

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(I) This window has	p								
(Z) Marés "Soutight	- Isrop								
SECTION IL-CARBON A									
I. AIR-COOLED LAM									
(I) Single are lamps									
(2) Finnes lamp (3) Multiple lamps									
(4) Exclosed are has II. WATER-COOLED									
II. WATER-COOLED	LAMPS								

# DENTAL & MEDIC Invalid V CO. I

L WITH PURE TUNGSTEN ARC LAMPS

(2) Associate del

II. WITH TUNGSTEN COHED CARBON ELECTRODES

SECTION IV.—RADIANT HEAT GENERATORS

1. LUMINOUS SOURCES—

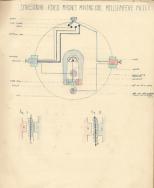
(I) Carbon Shanest Imps - (I) Tampeter Shanest Imps -

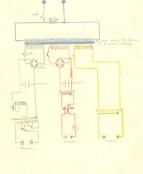
Cone type

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(4) Switch.
(v) Protestometer.
(f) Milampore meter.
(g) Revening switch.
(s) Petient's torminals.
(s) AC. circuit—consisting of sec.
(g) Secondary winding all transform
```

(a) Secondary winding a (b) Switch.

(d) Parient's terminals.

One potentiamener and one pair of terminals may be common to both circuit In this case, a switch is provided for relecting the common required.

#### Wanto (or dispuss).

(2) COMBINED SWITCH-TABLE WITH METRONOME AND SURGER.

This provides galvanic, sinusolid and faradic currente, superimposed galfaradism and galvano-sinusolid. All currents can be surged or interrupted, parients can be trained from this smalling simultaneously.

NOTECOTION:

(i) Play—for connection to supply

(i) Play—for connection to supply (ii) Pilot lamp.

(iii) Switch.
(iv) Steindown static transferance—with these secondary.

Step-down static transference—with three secondary is
 D.C. elecuit—as in previous swinshipsand.

AC circuit—as in previous switchboard.

Faradic circuit—consisting of—

(a) Secondary winding (b) Rectifiers.

(r) Condensers. (d) Switch.

(f) Primary coll. (g) Secondary coll. (b) Tappings.

(ri) Periods reminds.
(vii) Meteorous and surgir-magnetic typ
(ix) Terminals—these pairs—

(a) for superimposed (b) for suppressions c (c) for suppressions

These are in addition to the terminals for the separate circules.

(x) Selective switch—for selecting the required current when using the alternatule.
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Thus notes have been printed to be used as a test-hook for windows training in Electrocharge and Actinochergy. It is felt that underen, nerview to have adequate descriptions of the appearans in weining for future reference, have concentred to much on taking store, and not sweeping to undertracked the uniform under discussion.

In order to make were that students do not play a parely passive part in the class, septem here not been included, but space has been left where these may be drawn as ship prior of appearant is considered in tann. In this way a sear-book complete with agrees can be built up.

beginning of each section. Revision of these principles is advised before considerate of the corresponding section.

tept in simple in pendific 2 general continu only being used in some case. This second conceases became showing the present training them is not time to go into details of the advanced physical principles involved in the working of some of the modern apparatus in tast.

is no common that every type of apparatus has been described, but those most commonly in use have been included.

BIN1 VLV, 1942.