



US00D902404S

(12) **United States Design Patent** (10) **Patent No.:** **US D902,404 S**
Patcharakitti et al. (45) **Date of Patent:** **** Nov. 17, 2020**

(54) **SURGICAL TOOL**

(71) Applicant: **Prince of Songkla University**, Chang Wat Songkhla (TH)

(72) Inventors: **Atcharee Patcharakitti**, Nonthaburi Province (TH); **Sunton Wongsiri**, Nakhon Si Thammarat Province (TH)

(73) Assignee: **Prince of Songkla University**, Chang Wat Songkhla (TH)

(**) Term: **15 Years**

(21) Appl. No.: **29/635,974**

(22) Filed: **Feb. 5, 2018**

(30) **Foreign Application Priority Data**

Aug. 4, 2017 (TH) 1702002986

(51) **LOC (12) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/146**

(58) **Field of Classification Search**
USPC D24/146, 145, 140, 147, 149, 133, 138, D24/112, 113, 130, 134, 135, 137
CPC A61B 17/2909; A61B 17/0469; A61B 17/0483; A61B 17/0485; A61B 1/313; A61B 1/3132; A61B 1/3135; A61B 1/3137; A61B 1/317; A61B 1/32; A61B 1/314; A61B 1/315; A61B 1/316
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D445,503 S * 7/2001 Huttner D24/146
D447,237 S * 8/2001 Huttner D24/147
D471,639 S * 3/2003 McMichael D24/119
6,783,976 B2 * 8/2004 Peterson A61B 10/0096
435/309.1
D502,002 S * 2/2005 Conway D32/51
D571,468 S * 6/2008 Wu D24/133

(Continued)

FOREIGN PATENT DOCUMENTS

CN 302553021 * 8/2013
CN 303000948 * 11/2014

(Continued)

OTHER PUBLICATIONS

ACE Surgical Supply Co., Inc. Link: <https://www.acesurgical.com/hu-friedy-1-kramer-nevins-periosteal-elevator.html>. Visited Mar. 11, 2019. Hu-Friedy #1 Kramer—Nevins Periosteal Elevator. (Year: 2019).*

Primary Examiner — Lauren D McVey

(74) *Attorney, Agent, or Firm* — Troutman Pepper Hamilton Sanders LLP

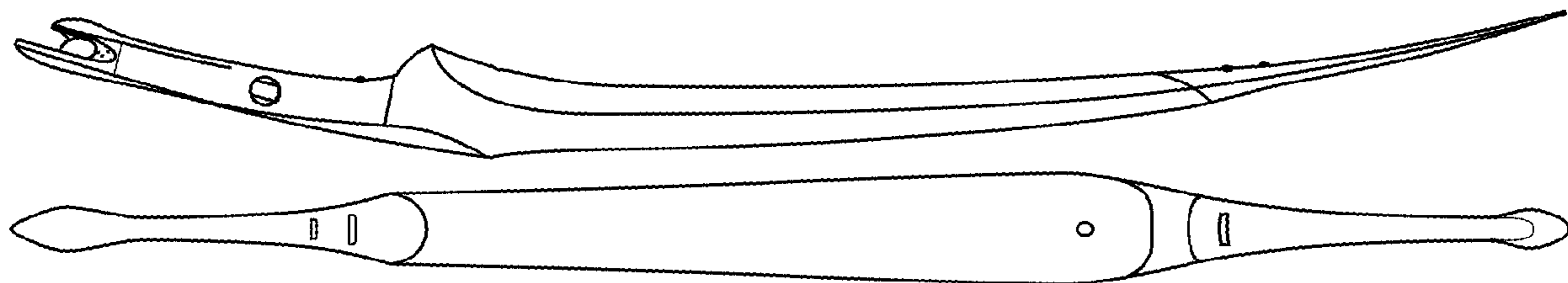
(57) **CLAIM**

We claim the ornamental design for a surgical tool, as shown and described.

DESCRIPTION

FIG. 1 is a right side elevation view of a surgical tool, showing our new design;
FIG. 2 is a left side elevation view of the surgical tool shown in FIG. 1;
FIG. 3 is a top plan view of the surgical tool shown in FIG. 1;
FIG. 4 is a bottom plan view of the surgical tool shown in FIG. 1;
FIG. 5 is a front elevation view of the surgical tool shown in FIG. 1;
FIG. 6 is a rear elevation view of the surgical tool shown in FIG. 1; and,
FIG. 7 is an upper perspective view of the surgical tool shown in FIG. 1;
The wire frame lines shown throughout the views are intended to indicate surface contour.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D575,396 S * 8/2008 Wu D24/133
D589,619 S * 3/2009 Wu D24/133
D590,062 S * 4/2009 Wu D24/133
D590,946 S * 4/2009 Baynham D24/146
D789,764 S * 6/2017 Meier D4/138
2010/0168513 A1* 7/2010 Pless A61B 1/00135
600/106
2013/0211201 A1* 8/2013 Wongsiri A61B 17/02
600/202

FOREIGN PATENT DOCUMENTS

TH 141956 S 7/2015
TH 141957 S 7/2015

* cited by examiner



FIG. 1

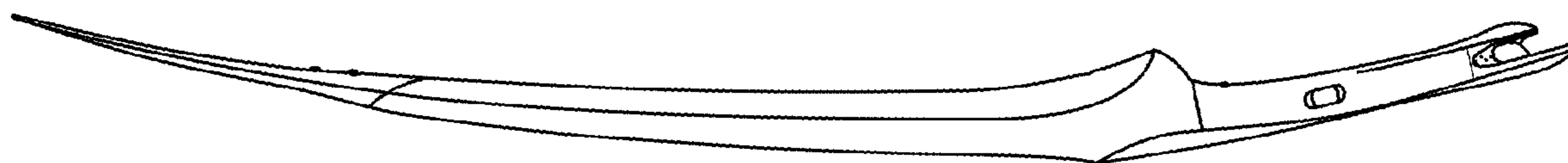


FIG. 2

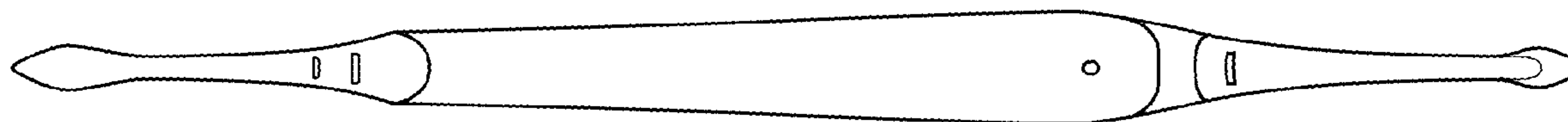


FIG. 3

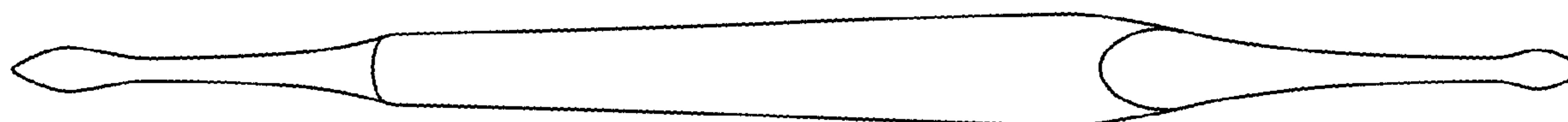


FIG. 4

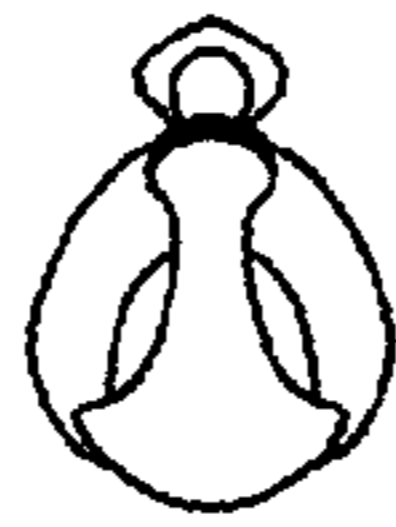


FIG. 5

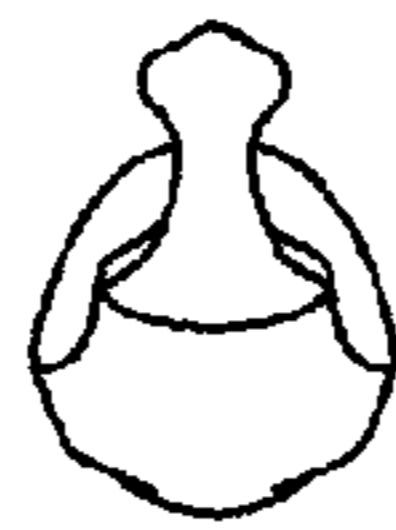


FIG. 6

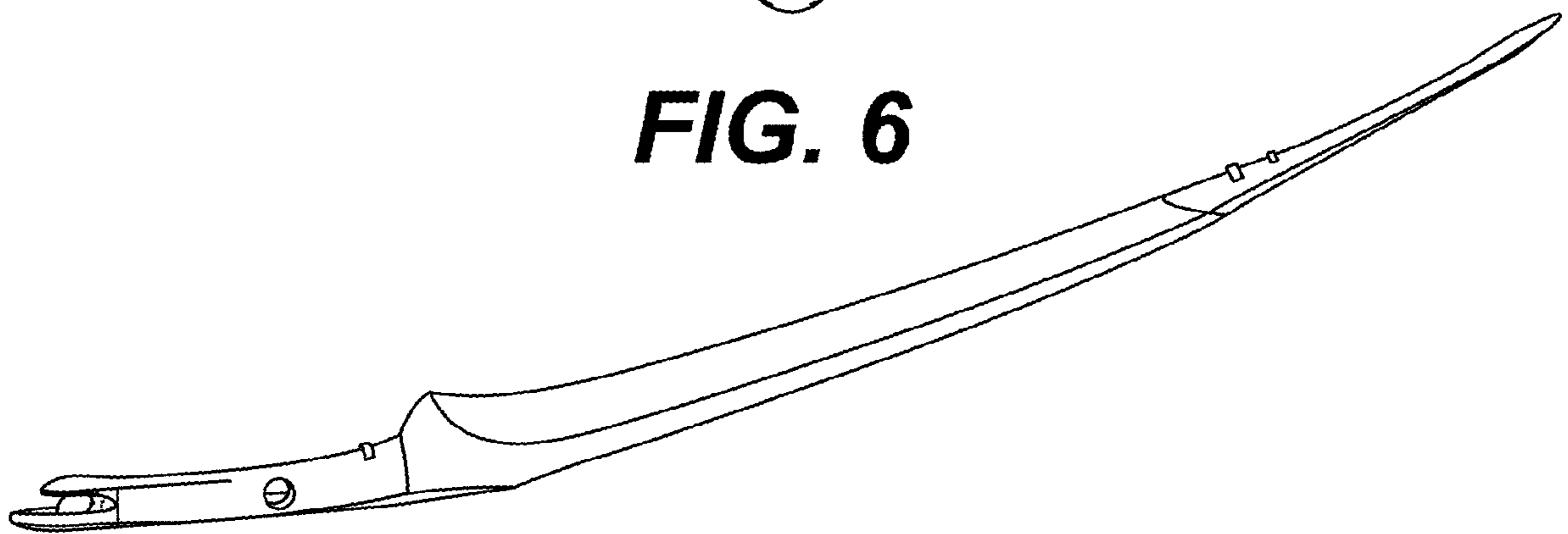


FIG. 7