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Newcomb et al.

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(54) **MEDICAL LAPAROSCOPIC EXTRACTION INSTRUMENT**

(71) Applicant: **CERCORE LLC**, Morrisville, NC (US)

(72) Inventors: **William Levin Newcomb**, Newport News, VA (US); **David Lorin Newcomb**, Morrisville, NC (US); **Stephen Duane Tester**, Cary, NC (US); **Emily JoAnne Newcomb**, Morrisville, NC (US)

(73) Assignee: **Cercore LLC**, Morrisville, NC (US)

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

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Related U.S. Application Data

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(51) **LOC (10) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/58**

(58) **Field of Classification Search**
USPC D8/57, 51, 52, 93, 92, 99, 4, 9, 403, D8/346, 354, 6, 54, 58, 56; 29/81.17; 76/64, 69; 81/3.6; 7/125; D24/148, D24/153, 10

CPC B26B 13/24; B26B 13/00; B26B 13/005; B26B 29/04; B26B 11/00; B26B 11/008; A01G 3/065; A45D 24/36; B25F 1/003; B25B 7/00; B25B 7/22; B25B 27/205; B21J 15/386; B23D 63/023; B21L 21/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | |
|---------------|---------|----------------|--------|
| 2,343,527 A * | 3/1944 | Boyle | 30/256 |
| 2,471,997 A * | 5/1949 | Baltor | 602/30 |
| D180,004 S * | 4/1957 | Anderson | D8/57 |
| 4,140,124 A | 2/1979 | Curutchet | |
| 4,600,007 A | 7/1986 | Lahodny et al. | |
| 4,674,501 A | 6/1987 | Greenberg | |
| 5,133,737 A | 7/1992 | Grismer | |
| 5,176,696 A | 1/1993 | Saunders | |
| 5,190,550 A | 3/1993 | Miller et al. | |
| 5,236,436 A | 8/1993 | Koros et al. | |
| 5,281,220 A | 1/1994 | Blake, III | |
| 5,350,391 A | 9/1994 | Iacovelli | |
| 5,352,237 A | 10/1994 | Rodak et al. | |

(Continued)

OTHER PUBLICATIONS

International Search Report and the Written Opinion for PCT/US2012/026420, mailed May 30, 2012.

Primary Examiner — Robert M Spear

Assistant Examiner — Eliza Bennett-Hattan

(74) *Attorney, Agent, or Firm* — Myers Bigel Sibley & Sajovec, PA

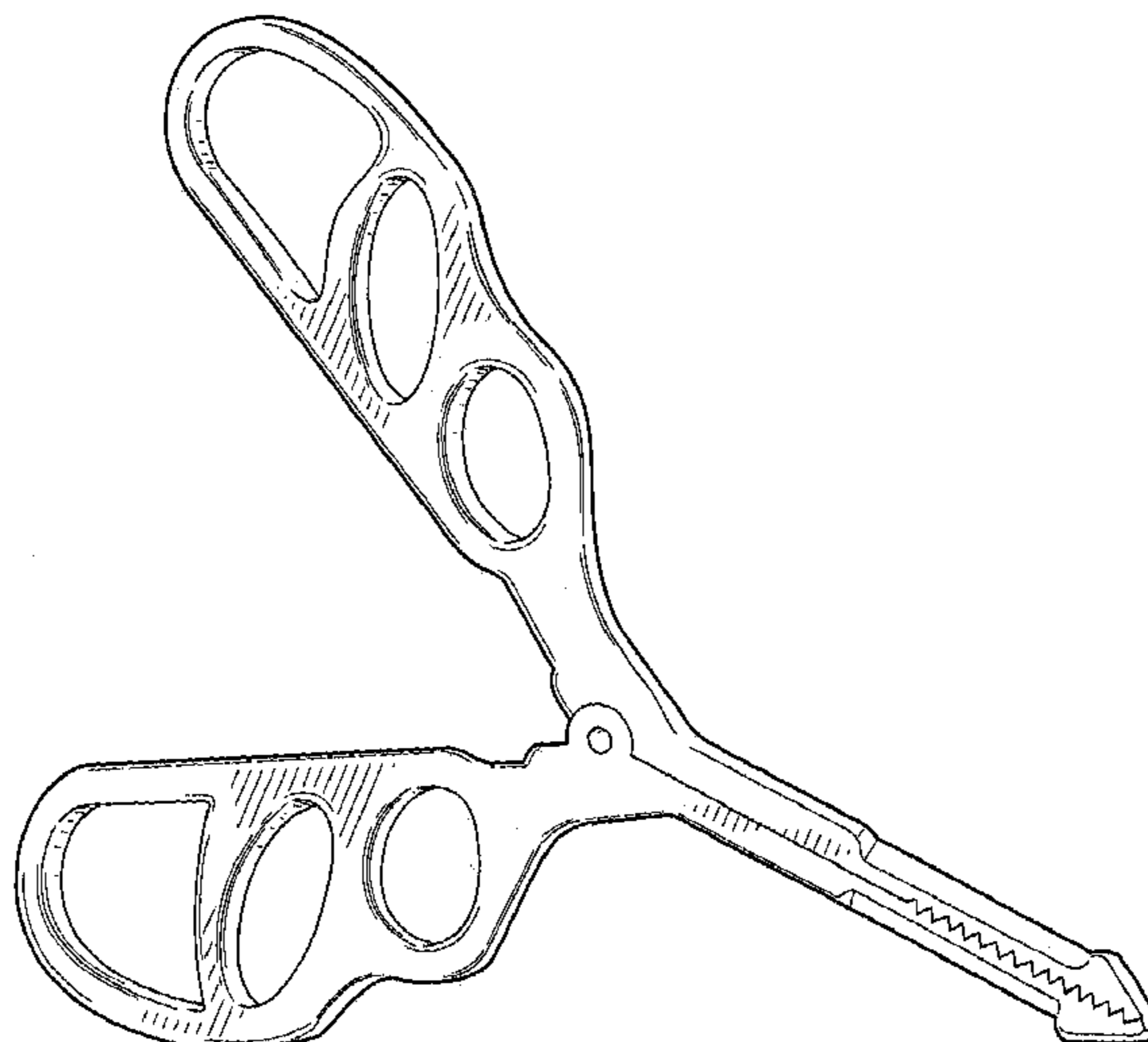
(57) **CLAIM**

The ornamental design for a medical laparoscopic extraction instrument, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view illustrating our design; FIG. 2 is a front view thereof; FIG. 3 is a rear view thereof; FIG. 4 is a top view thereof; FIG. 5 is a bottom view thereof; FIG. 6 is a side view thereof; FIG. 7 is an opposing side view thereof; and, FIG. 8 is a front view of our design shown with handles of the instrument or tool in a closed configuration. The broken lines shown herein depict environmental subject matter only and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | | | |
|-----------|-----|---------|-----------------------------|--------------|-----|---------|----------------------------|
| 5,360,428 | A | 11/1994 | Hutchinson, Jr. | 6,168,605 | B1 | 1/2001 | Measamer et al. |
| 5,456,684 | A | 10/1995 | Schmidt et al. | D451,355 | S * | 12/2001 | Dean et al. D8/57 |
| 5,470,328 | A | 11/1995 | Furnish et al. | D506,913 | S * | 7/2005 | Phillips et al. D8/57 |
| 5,472,439 | A | 12/1995 | Hurd | D513,577 | S * | 1/2006 | McLean et al. D8/57 |
| 5,472,451 | A | 12/1995 | Freitas et al. | D526,880 | S * | 8/2006 | Ferman D8/107 |
| 5,478,350 | A | 12/1995 | Kratsch et al. | D566,501 | S * | 4/2008 | De Stefano D8/57 |
| 5,618,304 | A | 4/1997 | Hart et al. | 7,497,867 | B2 | 3/2009 | Lasner et al. |
| 5,620,459 | A | 4/1997 | Lichtman | 7,758,608 | B2 | 7/2010 | DiCesare et al. |
| 5,626,608 | A | 5/1997 | Cuny et al. | 7,909,841 | B1 | 3/2011 | Nelson |
| 5,735,873 | A | 4/1998 | MacLean | 2002/0169459 | A1 | 11/2002 | Porat |
| 5,755,723 | A | 5/1998 | Lombardo | 2004/0102800 | A1 | 5/2004 | Li et al. |
| 5,782,749 | A | 7/1998 | Riza | 2004/0249410 | A1 | 12/2004 | Dausch |
| 5,797,958 | A | 8/1998 | Yoon | 2005/0033339 | A1 | 2/2005 | Grayzel et al. |
| 5,819,416 | A * | 10/1998 | Robinson et al. 30/257 | 2006/0287640 | A1 | 12/2006 | Perlin |
| 5,830,231 | A | 11/1998 | Geiges, Jr. | 2007/0032811 | A1 | 2/2007 | Storz |
| 5,836,960 | A | 11/1998 | Kolesa et al. | 2007/0093790 | A1 | 4/2007 | Downey et al. |
| 5,849,021 | A | 12/1998 | DiFrancesco et al. | 2007/0249903 | A1 | 10/2007 | Ohashi et al. |
| 5,906,629 | A | 5/1999 | Oren et al. | 2009/0054732 | A1 | 2/2009 | Markham |
| 5,928,255 | A | 7/1999 | Meade et al. | 2009/0112246 | A1 | 4/2009 | Weisshaupt et al. |
| 5,930,440 | A | 7/1999 | Bar-Or | 2009/0287235 | A1 | 11/2009 | Fortier et al. |
| 6,015,426 | A | 1/2000 | Griffiths | 2009/0299141 | A1 | 12/2009 | Downey et al. |
| 6,093,075 | A * | 7/2000 | Lin 446/16 | 2009/0312605 | A1 | 12/2009 | Hallbeck et al. |
| | | | | 2010/0076260 | A1 | 3/2010 | Taylor et al. |
| | | | | 2010/0204702 | A1 | 8/2010 | Lechot et al. |
| | | | | 2011/0065992 | A1 | 3/2011 | Bissinger |

* cited by examiner

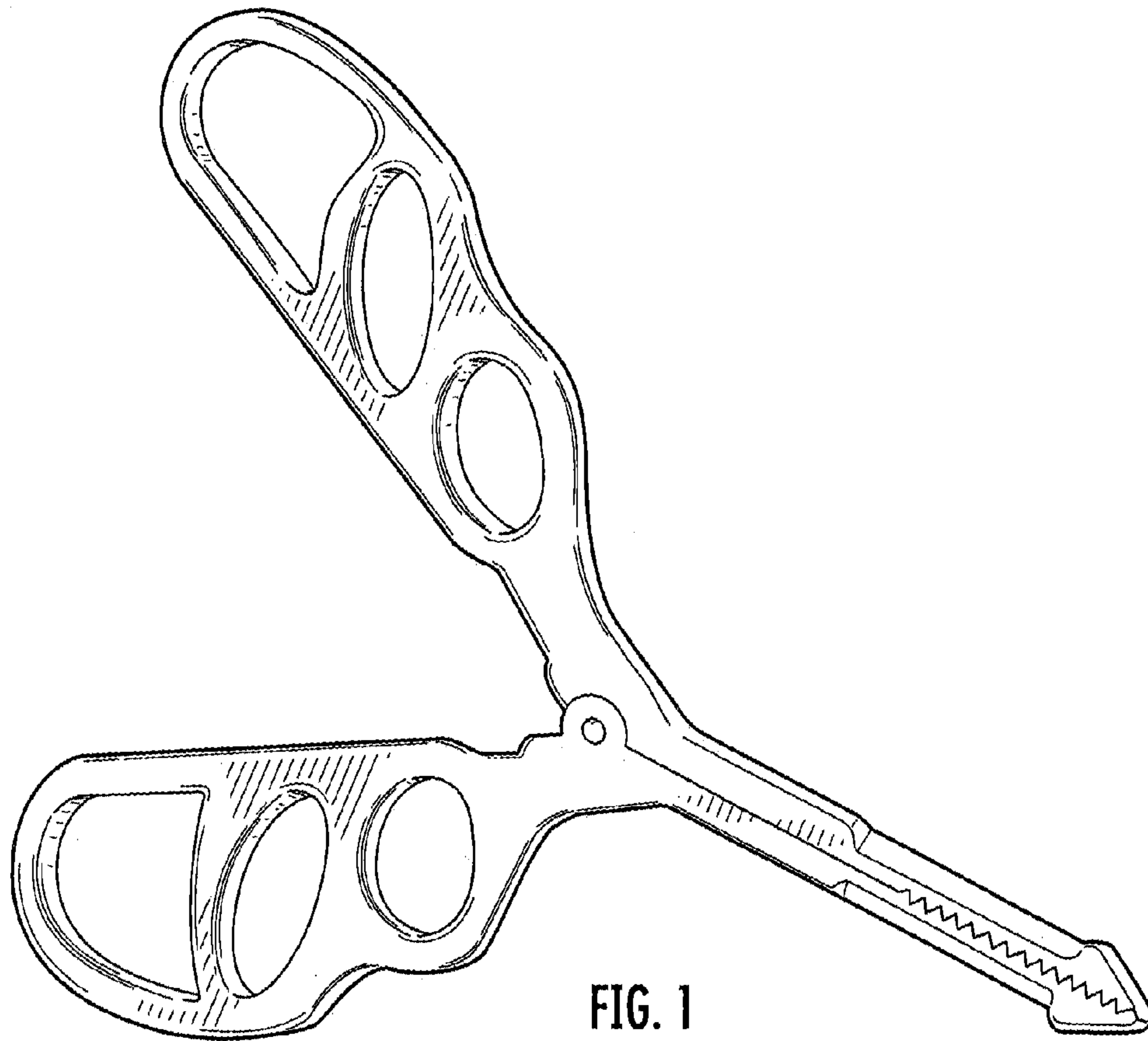


FIG. 1

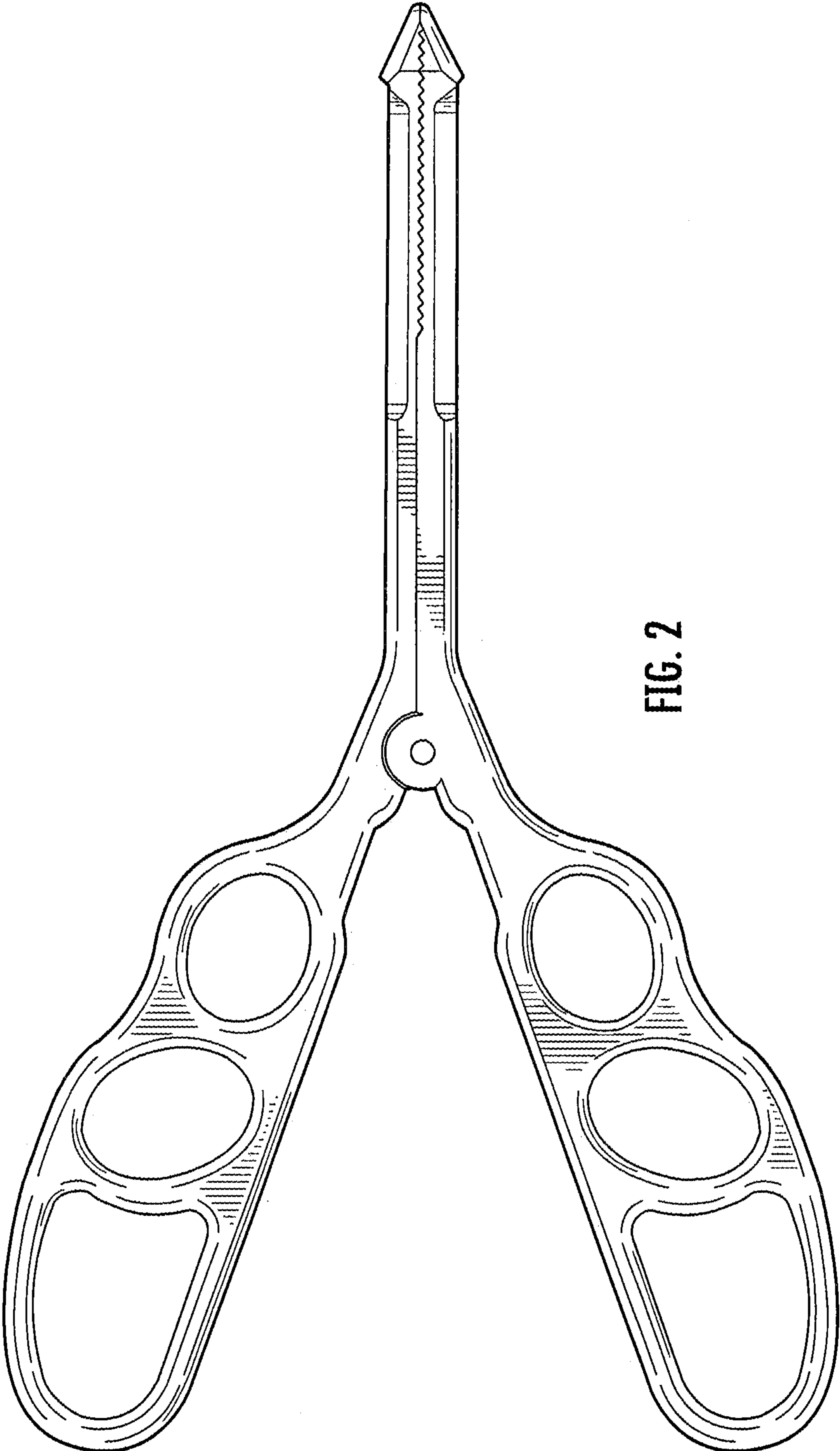


FIG. 2

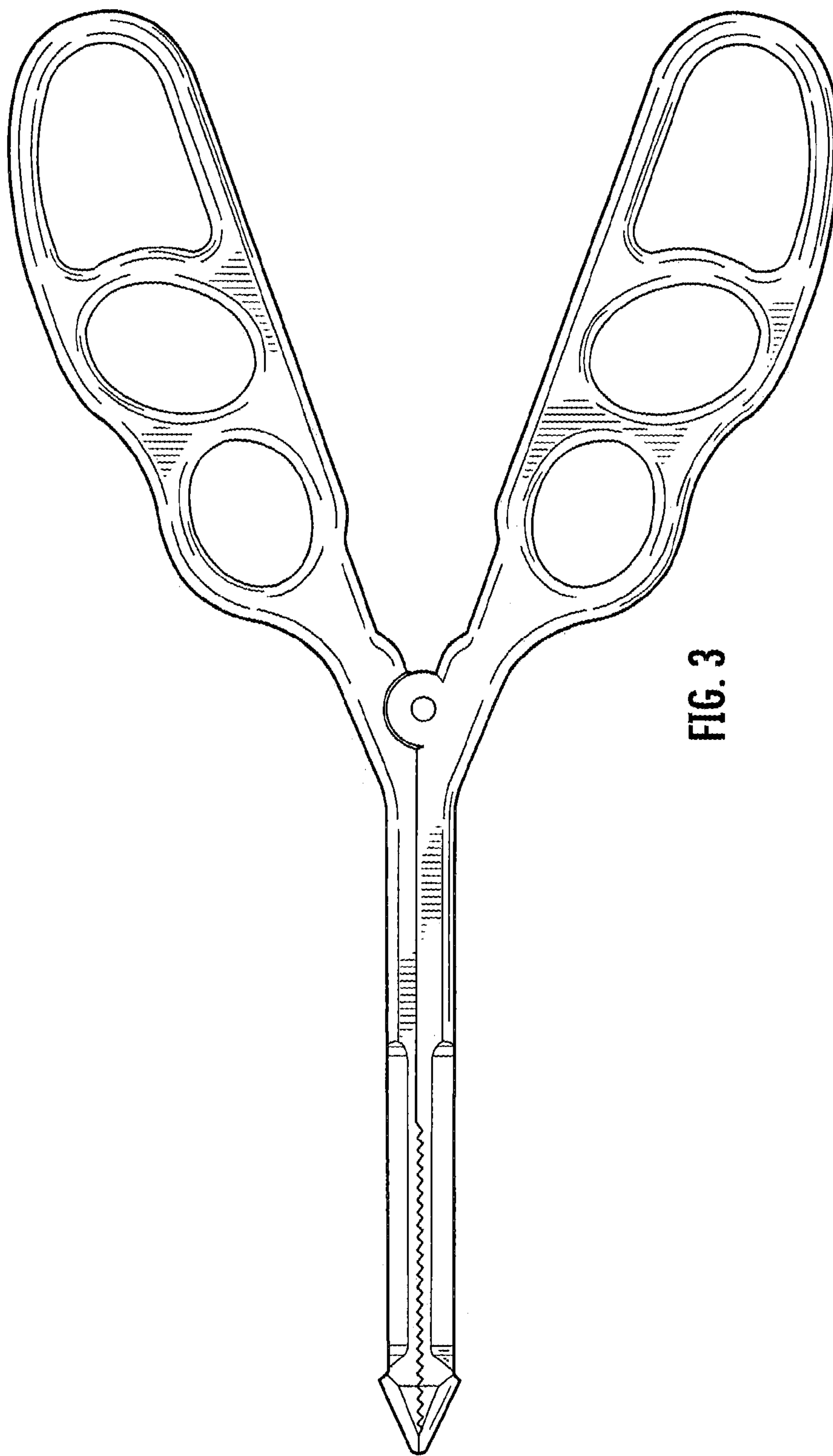


FIG. 3



FIG. 4



FIG. 5



FIG. 6



FIG. 7

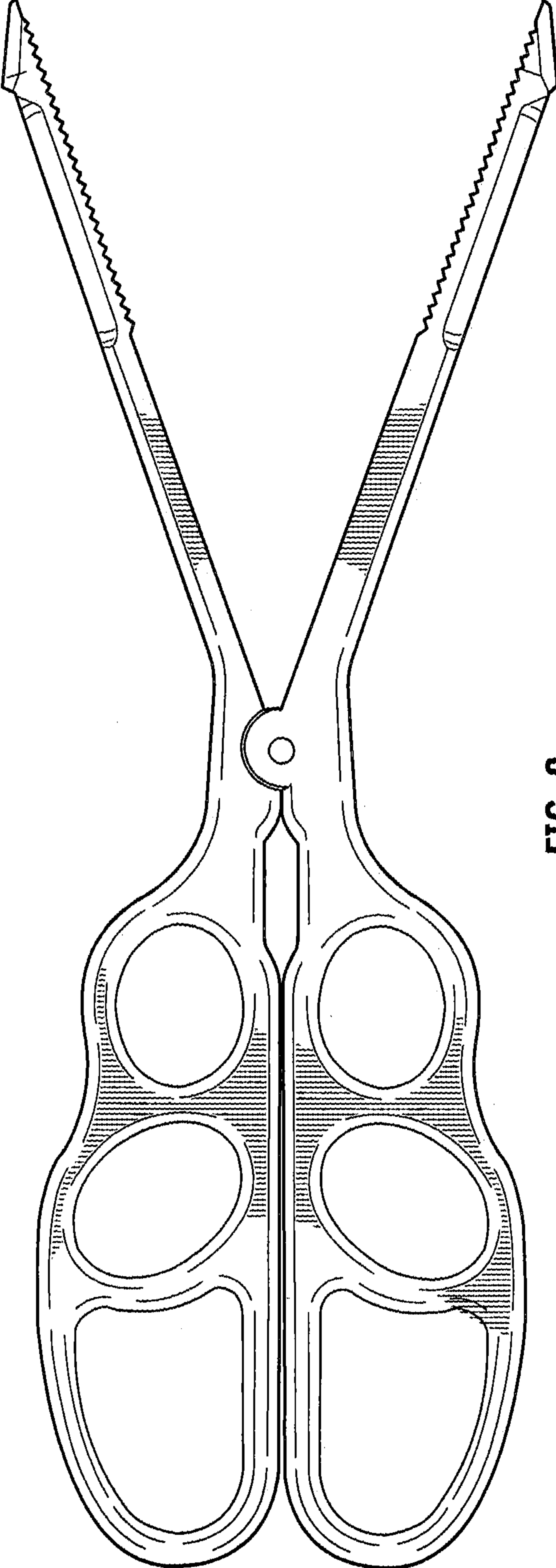


FIG. 8