



US00D764057S

(12) **United States Design Patent**
Schaffner

(10) **Patent No.:** **US D764,057 S**

(45) **Date of Patent:** **** Aug. 16, 2016**

(54) **DENTAL SECTIONAL MATRIX RING WITH INTEGRATED FORCEPS**

(71) Applicant: **POLYDENTIA S.A.**, Mezzovico-Vira (CH)

(72) Inventor: **Alfred Schaffner**, Mezzovico (CH)

(73) Assignee: **POLYDENTIA S.A.**, Mezzovico-Vira (CH)

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

(21) Appl. No.: **29/528,876**

(22) Filed: **Jun. 2, 2015**

(30) **Foreign Application Priority Data**

May 28, 2015 (EM) 002709154-0001

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/143**; D24/181

(58) **Field of Classification Search**
USPC D24/152, 143, 176-182, 147, 153
CPC A61C 5/00; A61C 5/12; A61C 5/125;
A61C 3/00; A61C 3/14; A61C 3/16; A61B
17/122

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,517,444 A * 6/1970 Tofflemire A61C 5/125
433/158
3,829,975 A * 8/1974 Balson A61C 5/125
433/39
6,293,796 B1 * 9/2001 Trom A61C 5/125
433/139

6,435,874 B1 * 8/2002 Hughes A61C 5/125
433/149
D604,854 S * 11/2009 McDonald D24/181
8,899,979 B2 * 12/2014 Anderson A61C 5/125
433/148
2004/0197734 A1 * 10/2004 Mehdizadeh A61C 5/12
433/139
2007/0087310 A1 * 4/2007 Giusti A61C 5/125
433/155
2007/0172793 A1 7/2007 Doenges et al.
2009/0208901 A1 8/2009 Doenges et al.

FOREIGN PATENT DOCUMENTS

DE 102013109487 A1 3/2015
EP 1 541 092 7/2012
WO WO 99/27866 6/1999

* cited by examiner

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Horst M. Kasper

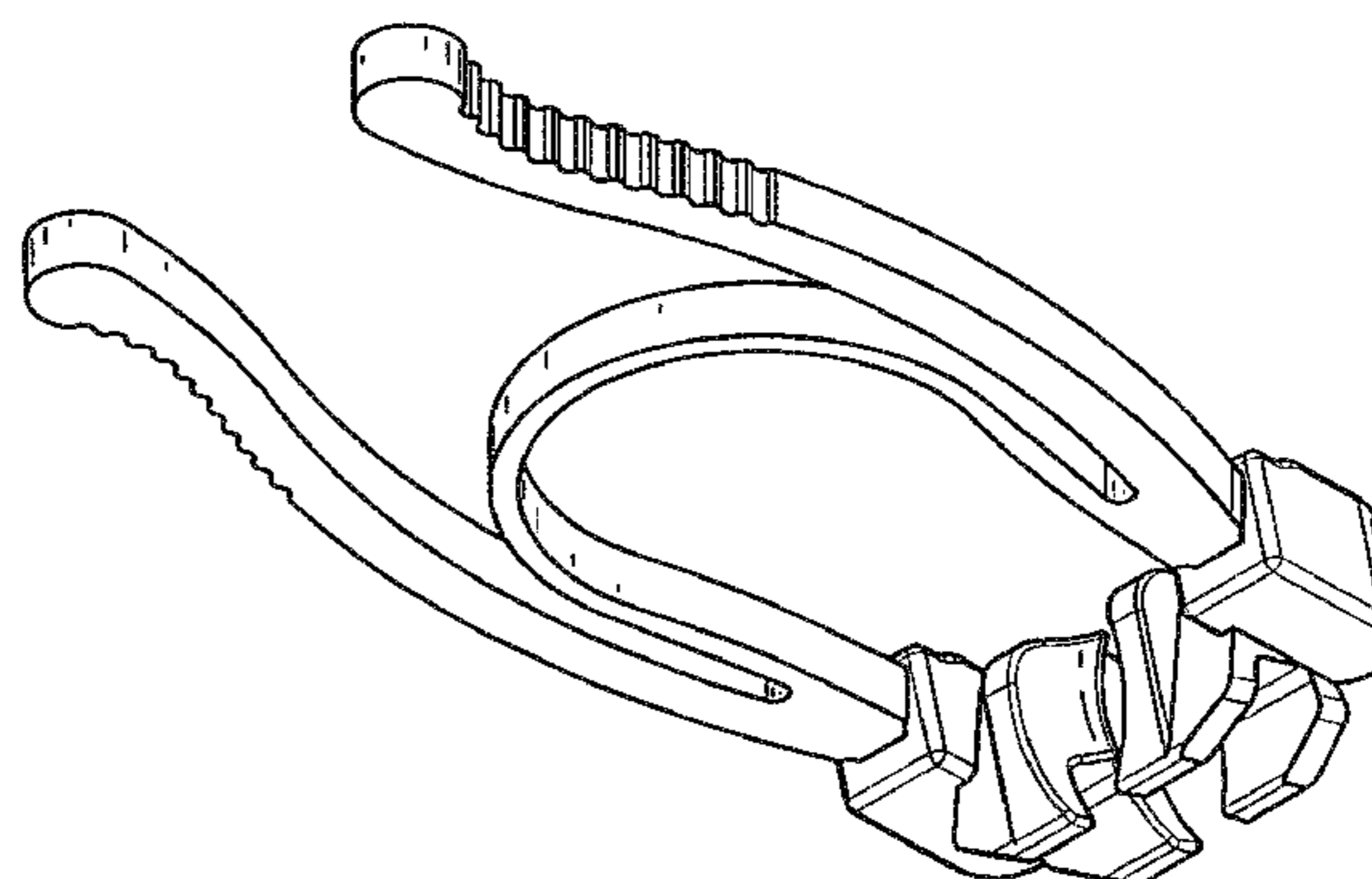
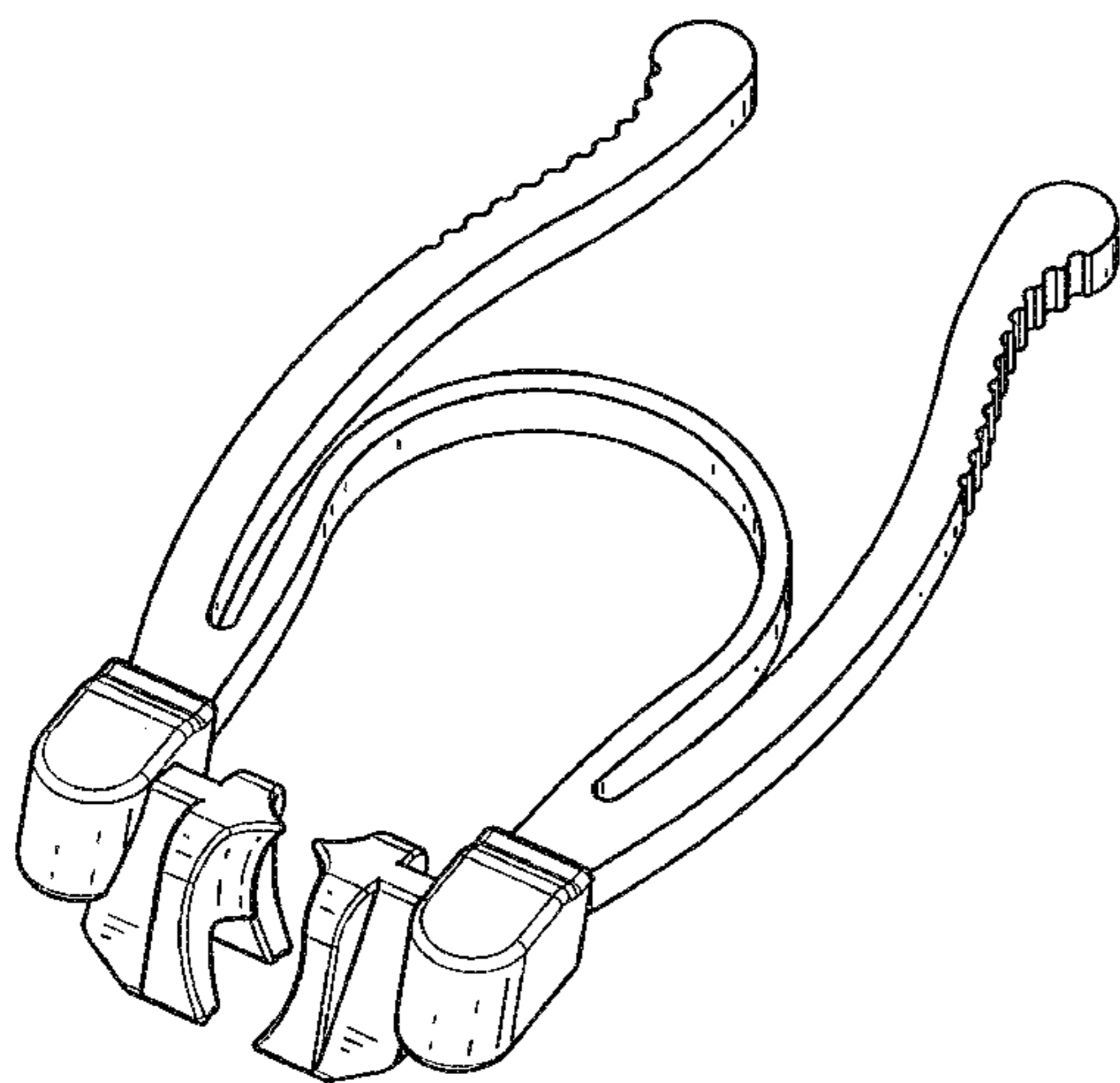
(57) **CLAIM**

The ornamental design for a dental sectional matrix ring with integrated forceps, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of the design of a dental sectional matrix ring with integrated forceps;
FIG. 2 is a top plan view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a perspective view thereof; and,
FIG. 8 is a perspective view thereof, shown in an alternate configuration.

1 Claim, 3 Drawing Sheets



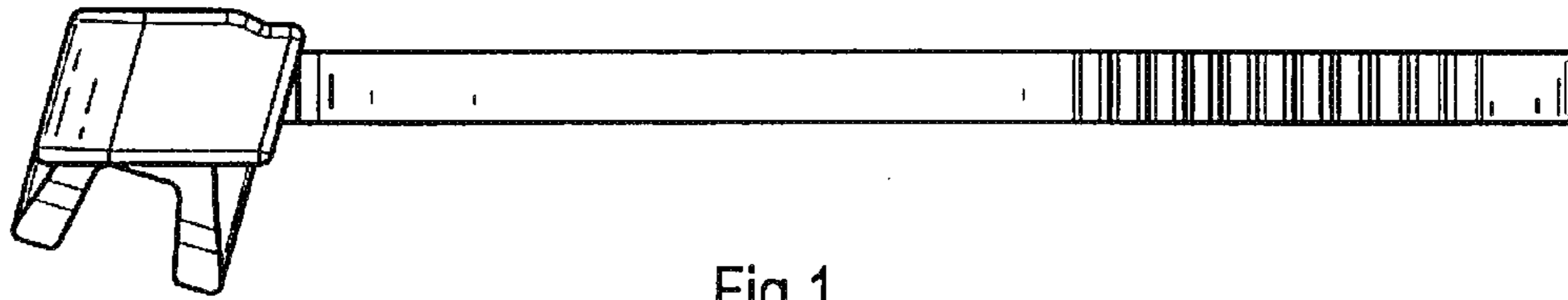


Fig.1

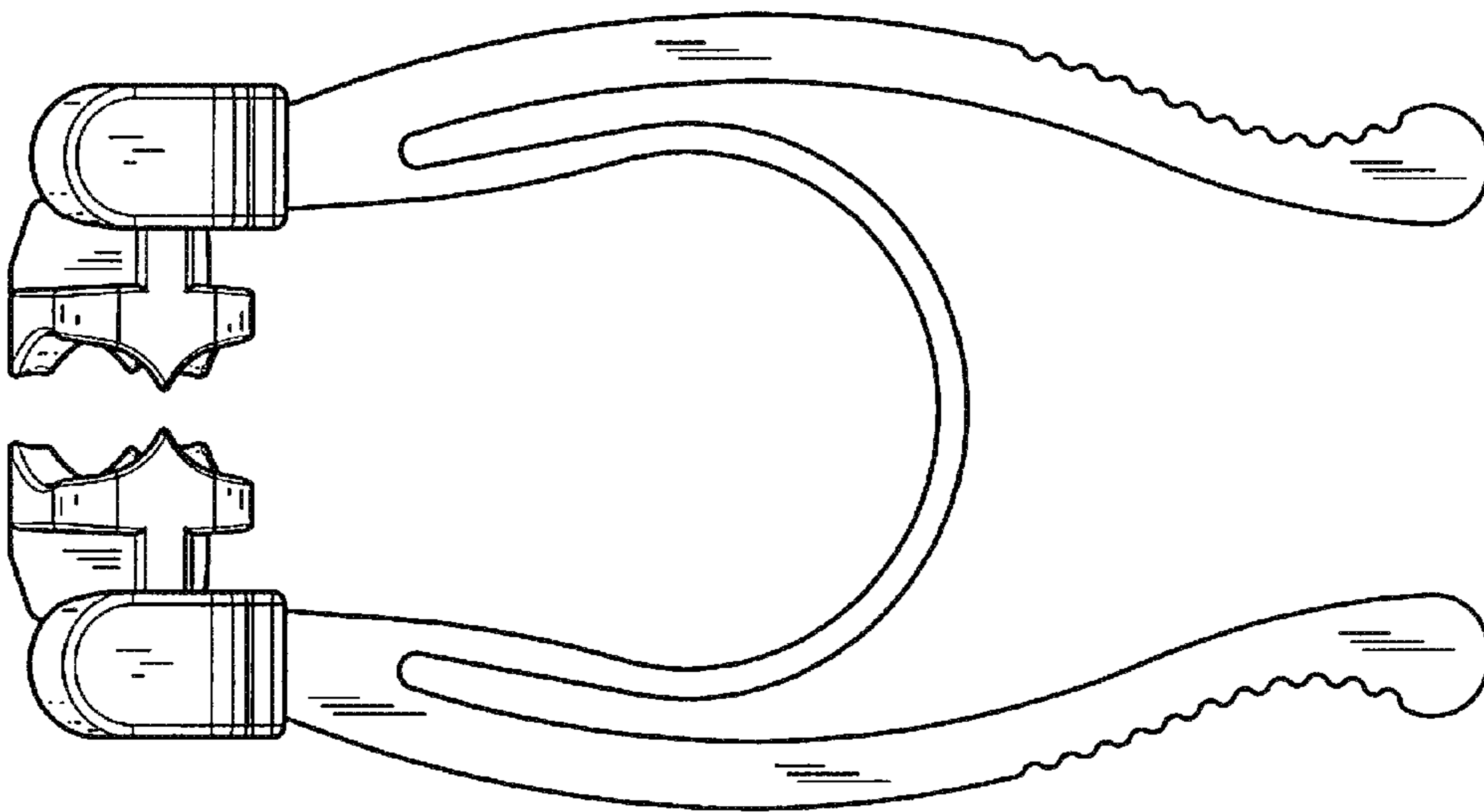


Fig.2

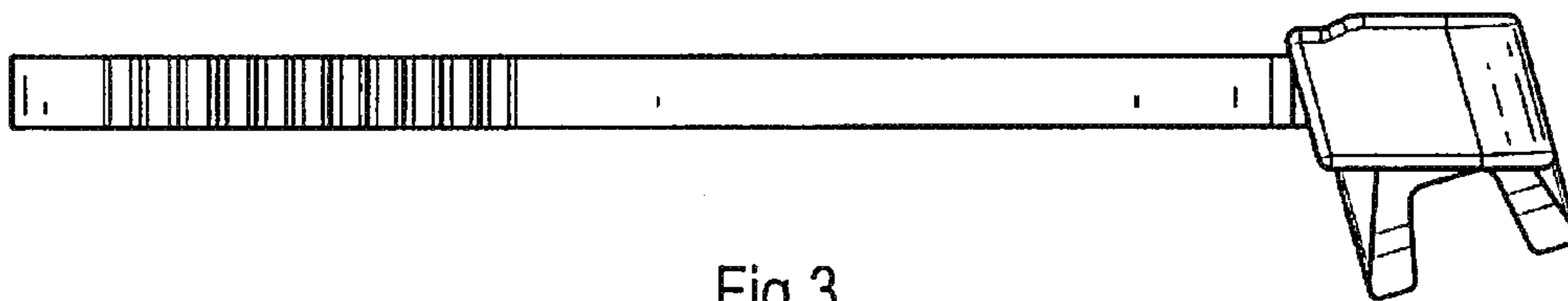


Fig.3

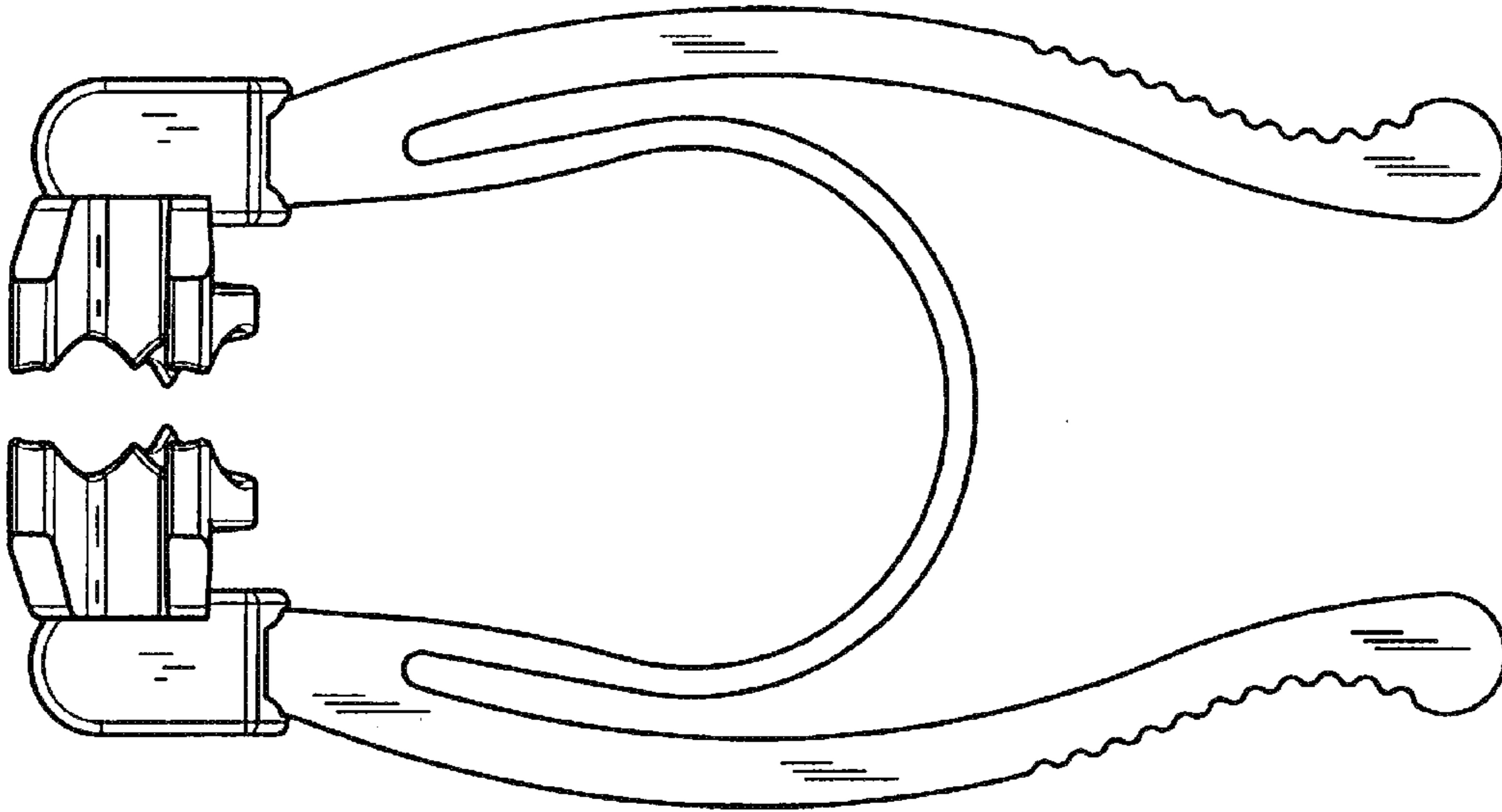


Fig.4

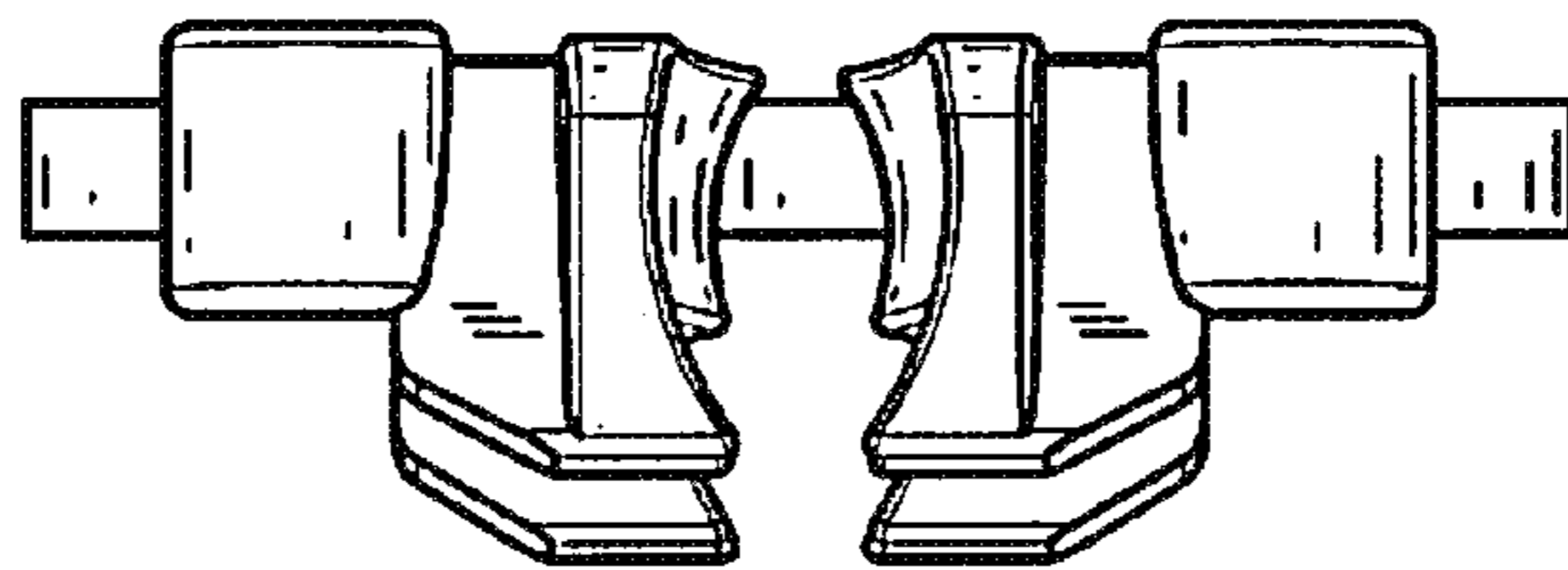


Fig.5

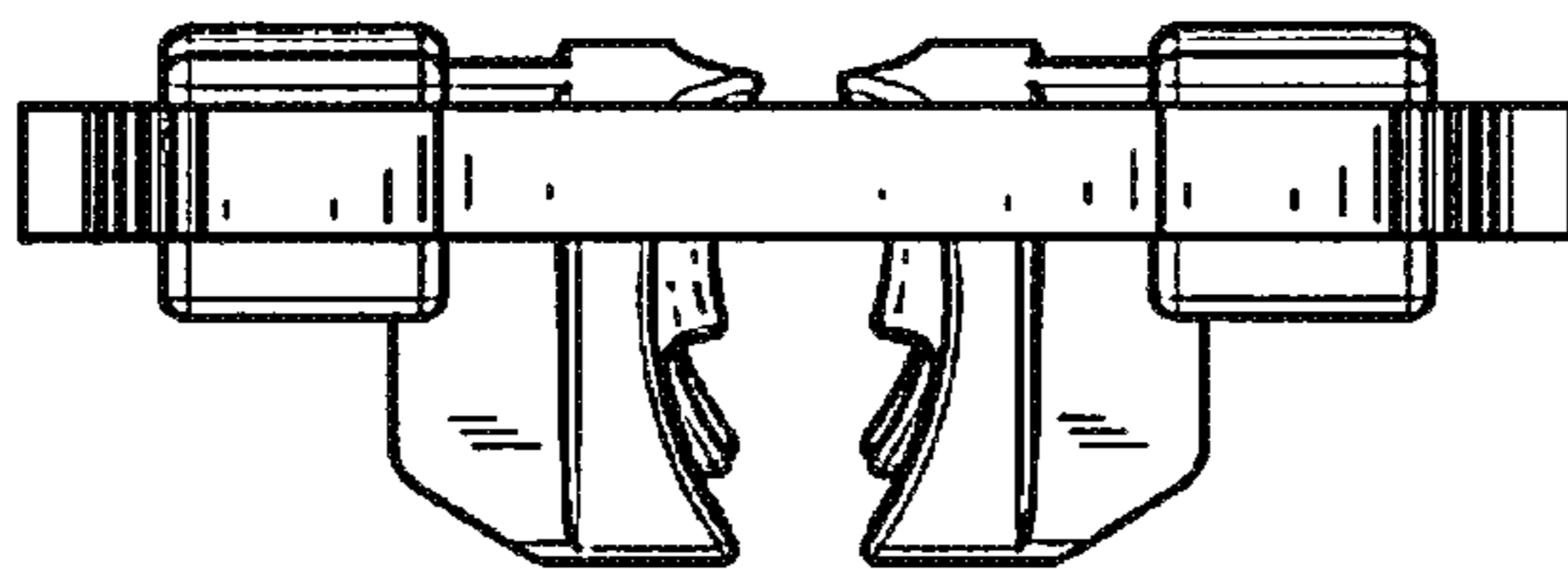


Fig.6

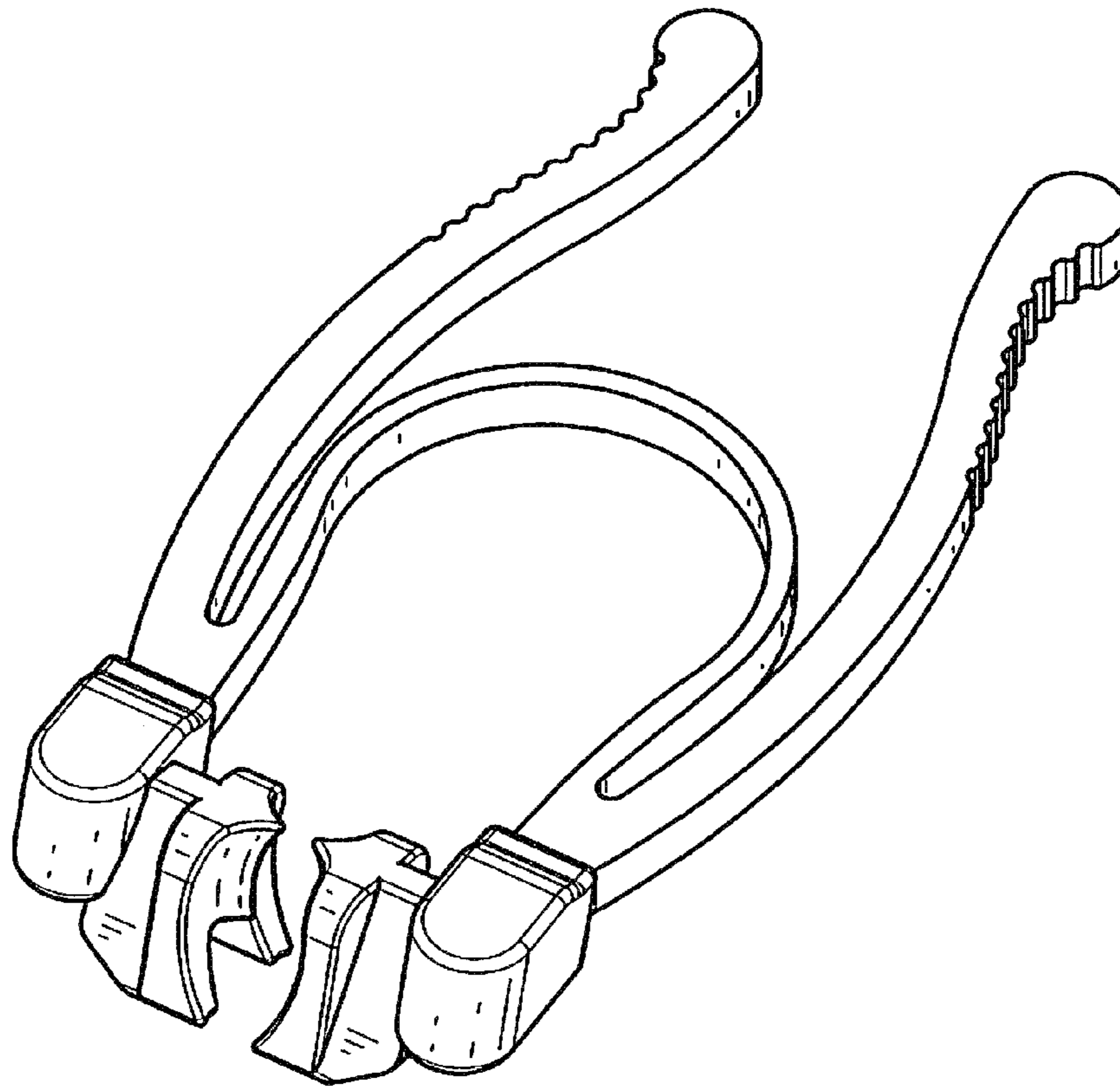


Fig.7

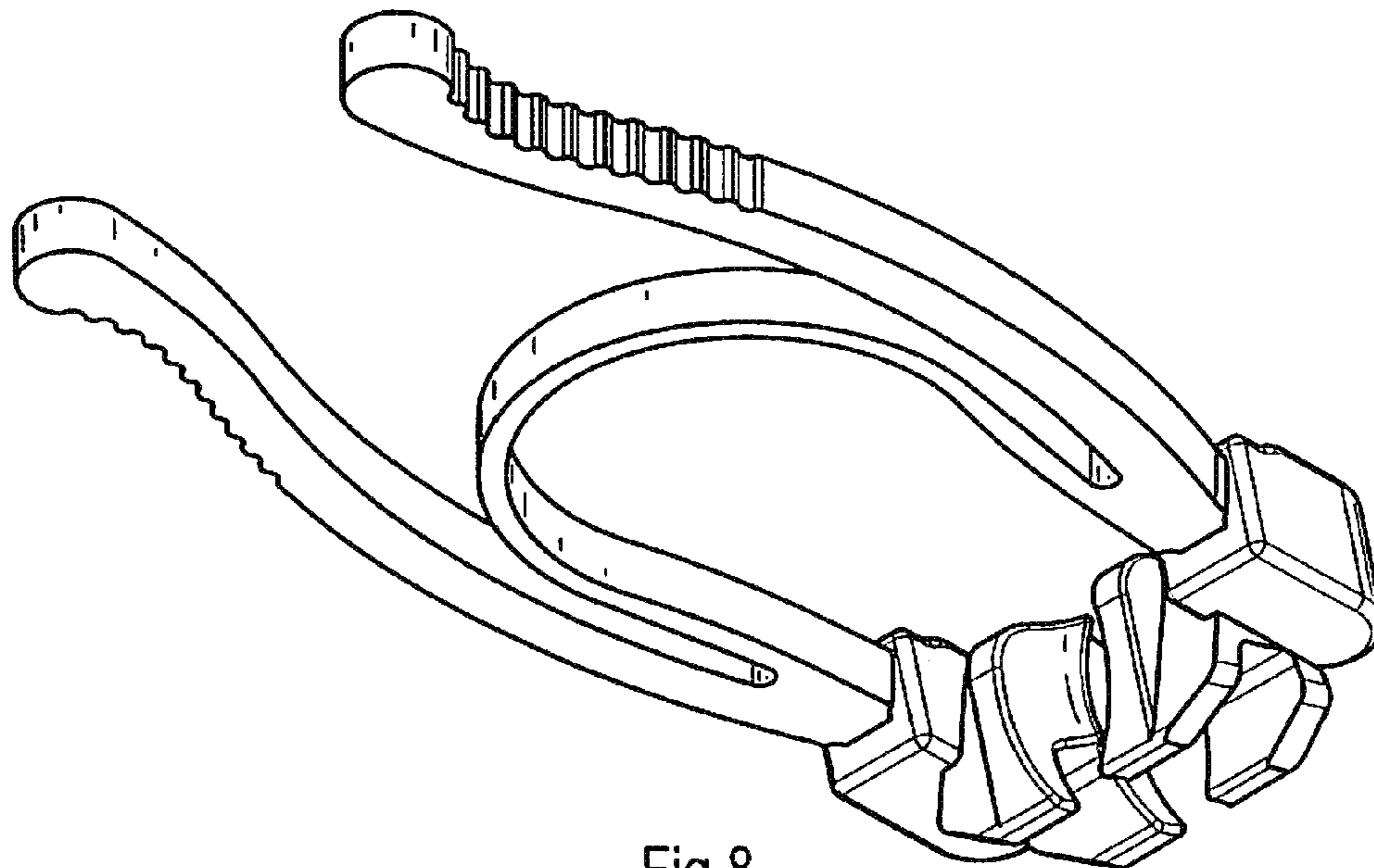


Fig.8