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

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(54) **FORCEPS INSERTS FOR LAPAROSCOPIC PROCEDURES**

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

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.** **D24/143; D24/148**

(58) **Field of Classification Search** D24/133,
D24/143-148; 600/129, 210; 606/45, 52,
606/148, 167, 170, 172, 184, 205-208

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

RE36,795	E *	7/2000	Rydell	606/45
6,228,083	B1 *	5/2001	Lands et al.	606/208
6,325,811	B1 *	12/2001	Messerly	606/170
6,976,992	B2 *	12/2005	Sachatello et al.	606/205
7,204,835	B2 *	4/2007	Latterell et al.	606/45
7,578,832	B2 *	8/2009	Johnson et al.	606/205
D634,427	S *	3/2011	Nishimura	D24/148
D639,944	S *	6/2011	Schneider	D24/143
2007/0244515	A1 *	10/2007	Fanous	606/205
2009/0209991	A1 *	8/2009	Hinchliffe et al.	606/170
2010/0076433	A1 *	3/2010	Taylor et al.	606/52
2010/0087818	A1 *	4/2010	Cunningham	606/207
2011/0029010	A1 *	2/2011	Castro et al.	606/206

OTHER PUBLICATIONS

Karl Storz 22310AG Forceps Insert Mangeshikar 5MMX30CM. 2 pages. [On line]. Retrieved on Jun. 13, 2011. <URL: <http://www.google.com>>.*

Storz 33310MD Clickline maryland forceps insert O/R Instruments. 1 page. [On line]. Retrieved on Jun. 13, 2011. <URL: <http://www.google.com>>.*

Storz Karl Storz—Endoskope; Article: “Karl Storz RoBi Rotating Bipolar Forceps and Scissors Named Innovation of the Year by Laparoendoscopy Society”; <http://www.karlstorz.de> Oct. 18, 2005; 6 pages.

* cited by examiner

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(57) **CLAIM**

The ornamental design for a forceps inserts for laparoscopic procedures, as shown and described.

DESCRIPTION

FIG. 1 is a top isometric view of a forceps inserts for laparoscopic procedures in accordance with the new design;

FIG. 2 is a left side isometric view thereof;

FIG. 3 is a bottom isometric view thereof;

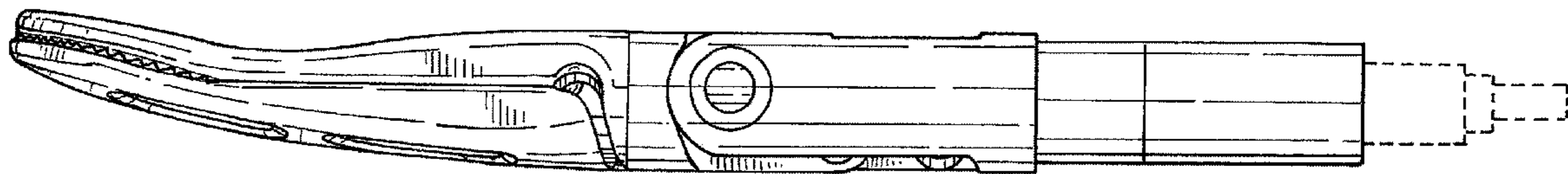
FIG. 4 is a right side isometric view thereof;

FIG. 5 is a top rear isometric view thereof; and,

FIG. 6 is a top front isometric view thereof.

The broken lines shown in FIGS. 1-6 are directed to environment and are for illustrative purposes only, with the lines themselves and the areas within them forming no part of the claimed design.

1 Claim, 6 Drawing Sheets



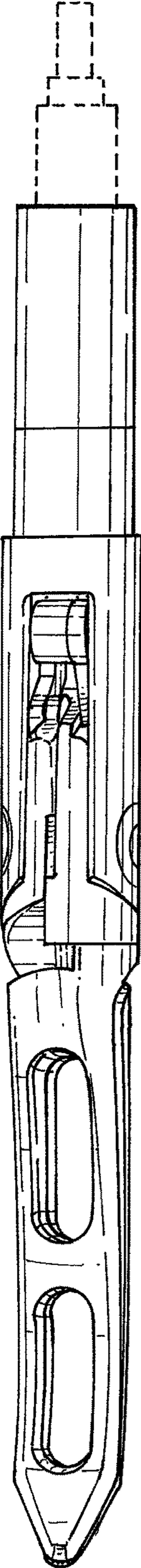


FIG. 1

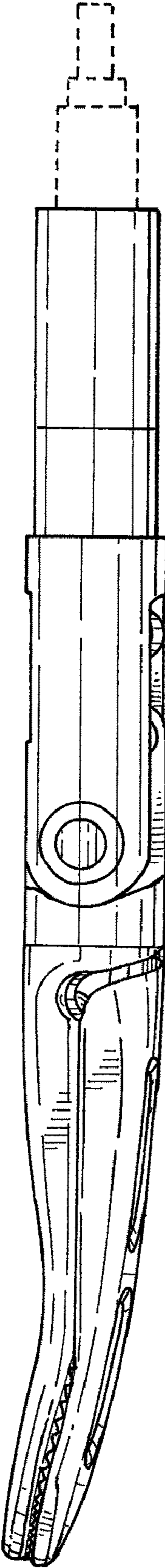


FIG. 2

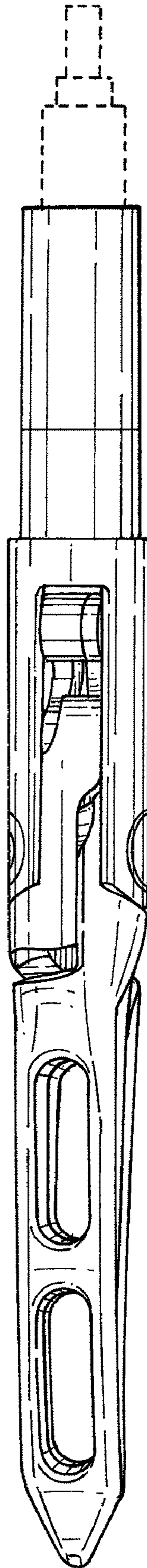


FIG. 3

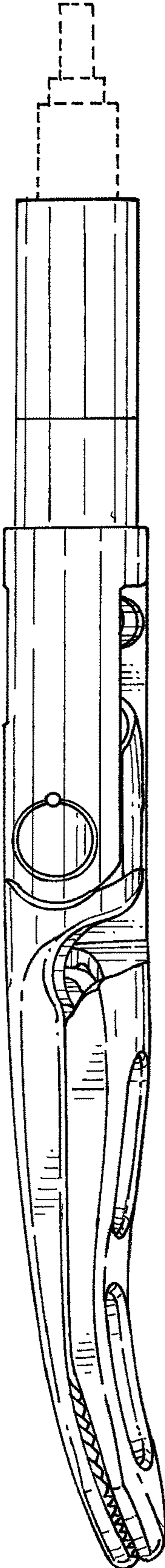


FIG. 4

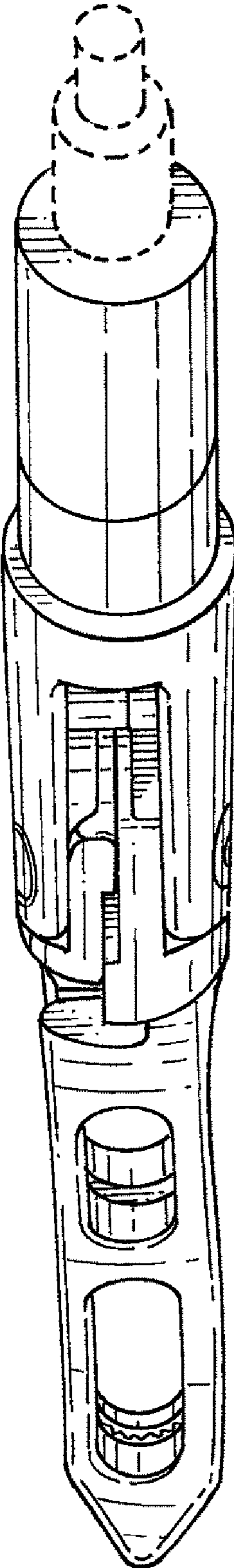


FIG. 5

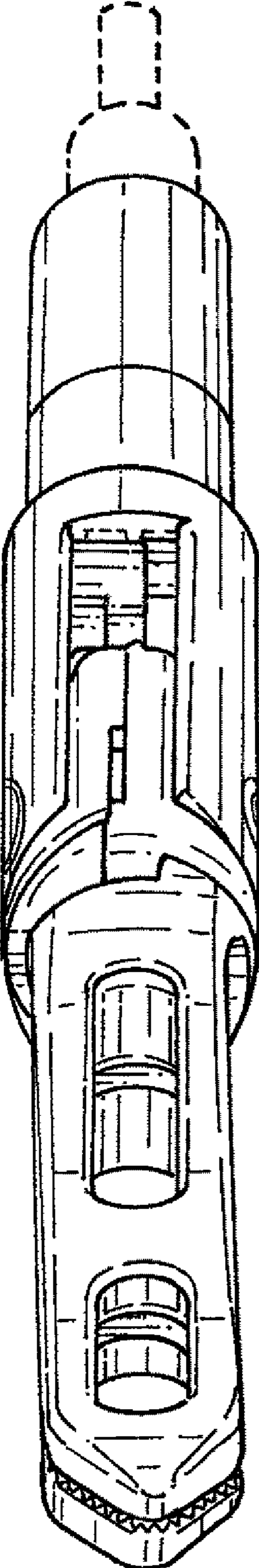


FIG. 6