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# (12) United States Design Patent

## Hunt et al.

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## US D680,646 S

### (45) **Date of Patent:**

## \*\* Apr. 23, 2013

#### (54) CIRCULAR STAPLER

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(73) Assignee: Ethicon Endo-Surgery, Inc., Cincinnati,

OH (US)

(\*\*) Term: 14 Years

(21) Appl. No.: 29/398,666

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

(52) U.S. Cl.

USPC ...... **D24/145** 

(58) **Field of Classification Search** ........ D24/145–146; 606/142–144, 148, 219; 227/175.1, 175.2,

227/176.1, 180.1, 179.1, 181.1, 182.1, 19, 227/901, 902

See application file for complete search history.

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#### (Continued)

Primary Examiner — Wan Laymon

#### (57) CLAIM

The ornamental design for a circular stapler, as shown and described.

#### DESCRIPTION

FIG. 1 is perspective view of the circular stapler

FIG. 2 is a top plan view of the circular stapler

FIG. 3 is a right side view of the circular stapler

FIG. 4 is a bottom plan view of the circular stapler

FIG. 5 is a left side view of the circular stapler

FIG. 6 is a front end view of the circular stapler

FIG. 7 is a rear end view of the circular stapler

FIG. 8 is perspective view of the circular stapler with the tray removed

FIG. 9 is perspective view of a second embodiment of the circular stapler

FIG. 10 is a top plan view of the circular stapler

FIG. 11 is a right side view of the circular stapler

FIG. 12 is a bottom plan view of the circular stapler

FIG. 13 is a left side view of the circular stapler

FIG. 14 is a front end view of the circular stapler

FIG. 15 is a rear end view of the circular stapler

FIG. 16 is perspective view of the circular stapler with the tray removed

FIG. 17 is perspective view of a third embodiment of the circular stapler

FIG. 18 is a top plan view of the circular stapler

FIG. 19 is a right side view of the circular stapler

FIG. 20 is a bottom plan view of the circular stapler

FIG. 21 is a left side view of the circular stapler

FIG. 22 is a front end view of the circular stapler

FIG. 23 is a rear end view of the circular stapler

FIG. 24 is perspective view of the circular stapler with the tray removed

FIG. 25 is perspective view of a fourth embodiment of the circular stapler

FIG. 26 is a top plan view of the circular stapler

FIG. 27 is a right side view of the circular stapler

FIG. 28 is a bottom plan view of the circular stapler

FIG. 29 is a left side view of the circular stapler

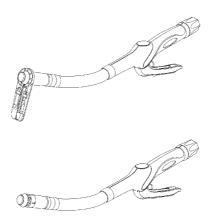
FIG. 30 is a front end view of the circular stapler

FIG. 31 is a rear end view of the circular stapler; and, FIG. 32 is a perspective view of a circular stapler with the tray

removed.

The broken lines in FIGS. 6-7, 14-15, 22-23, and 30-31 are included for the purpose of illustrating portions of the circular stapler that form no part of the claimed design.

#### 1 Claim, 20 Drawing Sheets



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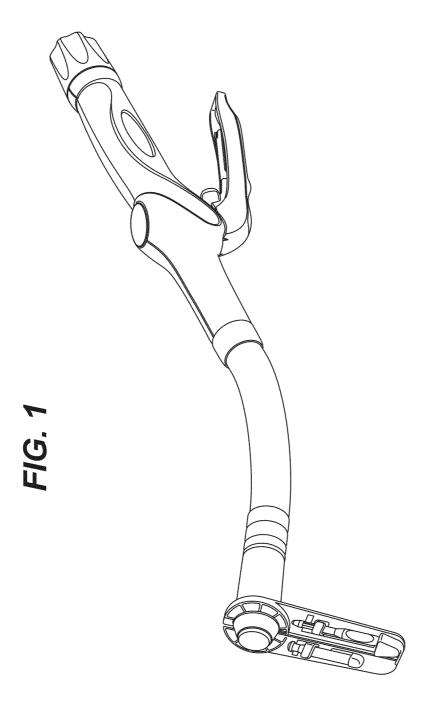
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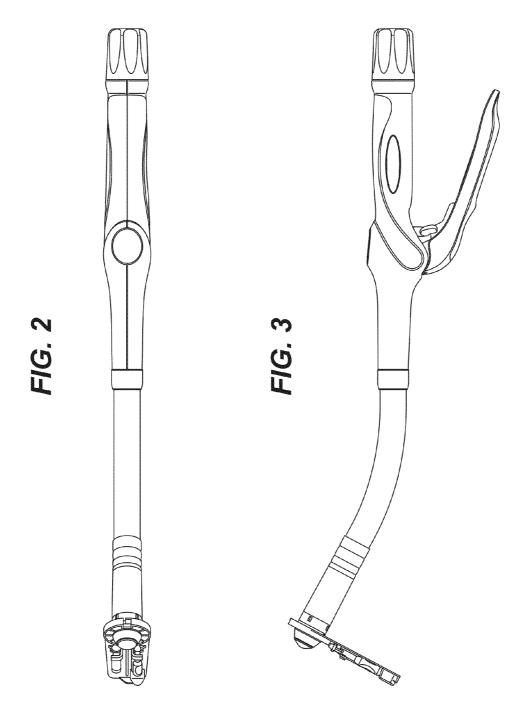
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<sup>\*</sup> cited by examiner





F/G. 4

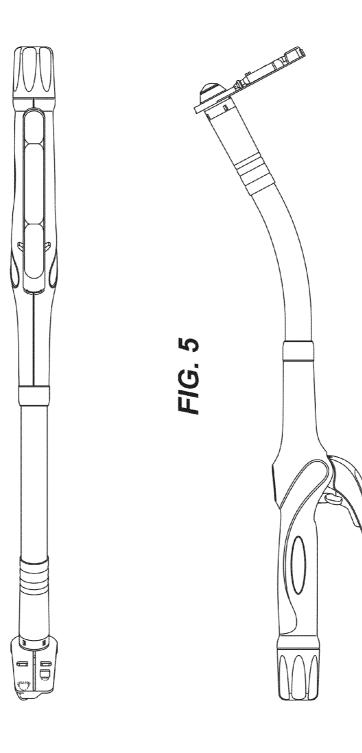
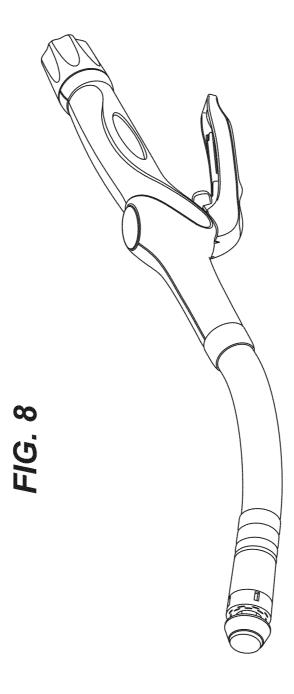


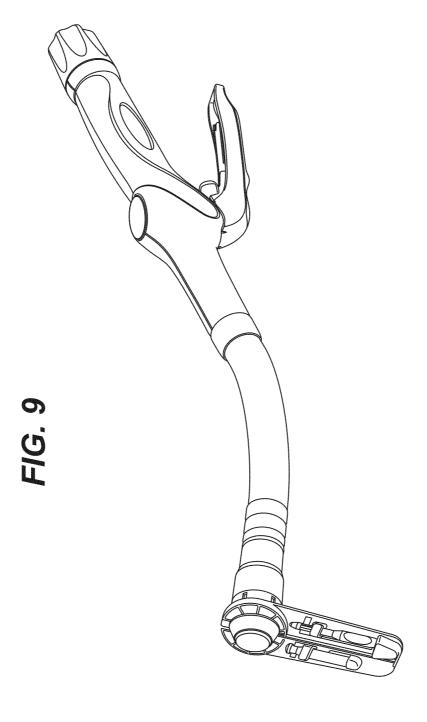
FIG. 6

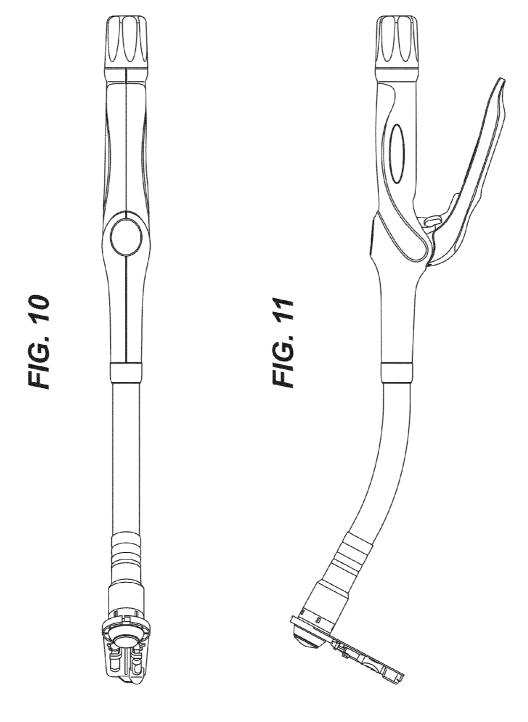


FIG. 7









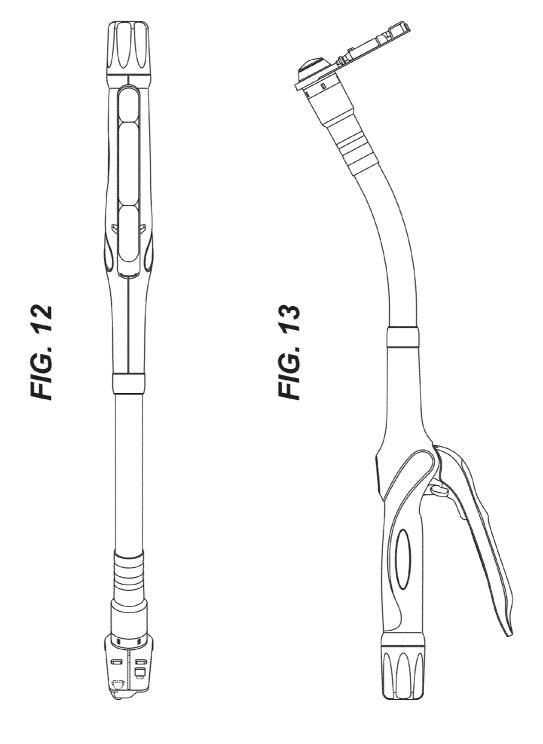


FIG. 14

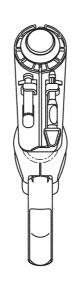
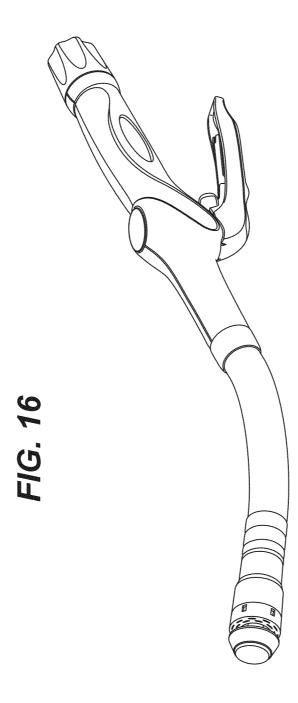
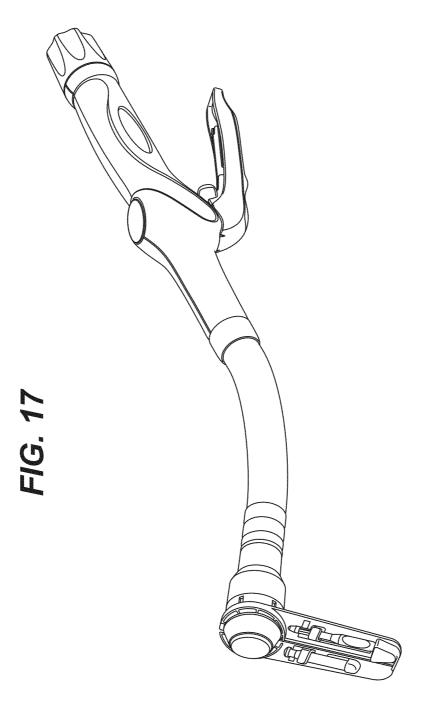
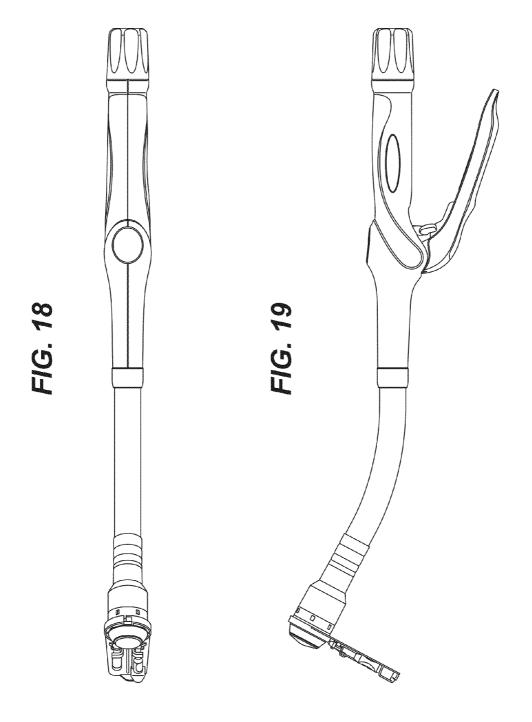


FIG. 15









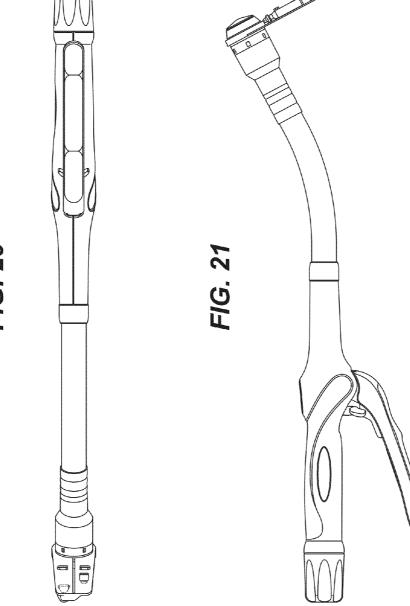


FIG. 20

FIG. 22

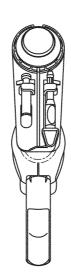
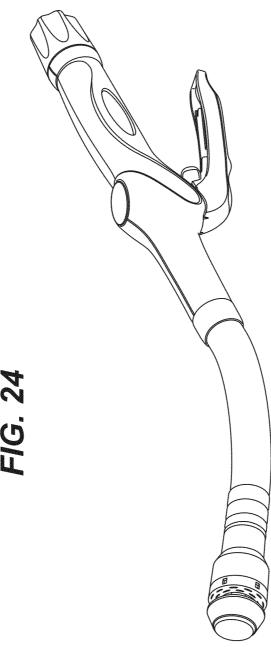
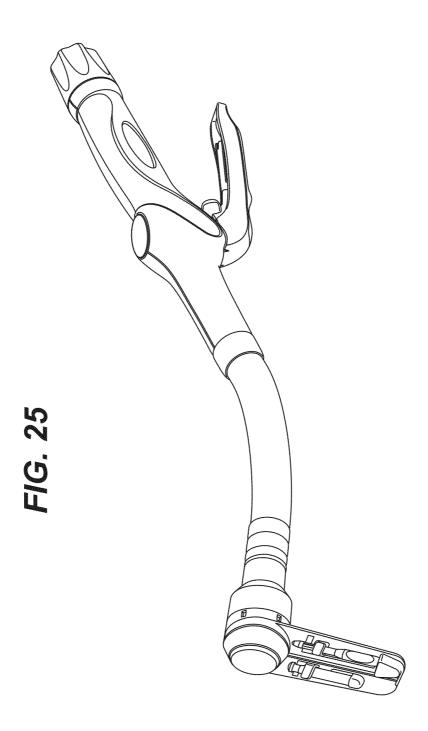
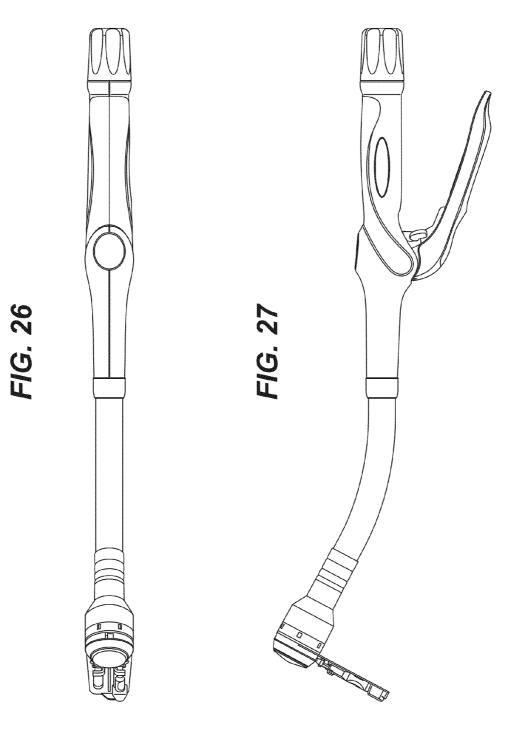


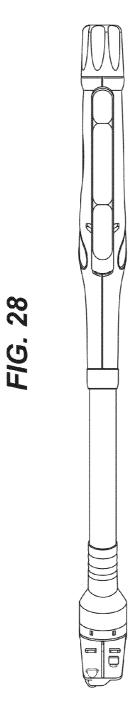
FIG. 23











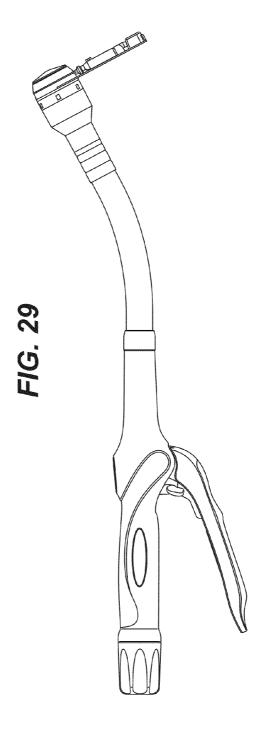


FIG. 30



FIG. 31



