ENDOSCOPIC INSTRUMENT FOR RETROGRADE BOPSY

Applicant: KARL STORZ GmbH & Co. KG, Tuttingen (DE)

Inventors: Thomas Huegle, Freiburg (DE);
Alexander Fuchs, Steisslingen (DE)

Assignee: KARL STORZ GmbH & Co. KG, Tuttingen (DE)

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Primary Examiner — Wan Laymon
Assistant Examiner — Mark Booker
Attorney, Agent, or Firm — Muncy, Geissler, Olds & Lowe, P.C.

CLAIM
The ornamental design for an endoscopic instrument for retrograde biopsy, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an open endoscopic instrument for retrograde biopsy according to the present invention.

FIG. 2 is a front perspective view of a closed endoscopic instrument for retrograde biopsy of FIG. 1.

FIG. 3 is a left view of the open endoscopic instrument for retrograde biopsy of FIG. 1.

FIG. 4 is a left view of the closed endoscopic instrument for retrograde biopsy of FIG. 2.

FIG. 5 is a right view of the open endoscopic instrument for retrograde biopsy of FIG. 1.

FIG. 6 is a right view of the closed endoscopic instrument for retrograde biopsy of FIG. 2.

FIG. 7 is a top view of the open endoscopic instrument for retrograde biopsy of FIG. 1.

FIG. 8 is a top view of the closed endoscopic instrument for retrograde biopsy of FIG. 2.

FIG. 9 is a bottom view of the open endoscopic instrument for retrograde biopsy of FIG. 1.

FIG. 10 is a bottom view of the closed endoscopic instrument for retrograde biopsy of FIG. 2.

FIG. 11 is a front view of the open endoscopic instrument for retrograde biopsy of FIG. 1.

FIG. 12 is a front view of the closed endoscopic instrument for retrograde biopsy of FIG. 2.

FIG. 13 is a rear view of the open endoscopic instrument for retrograde biopsy of FIG. 1; and, FIG. 14 is a rear view of the closed endoscopic instrument for retrograde biopsy of FIG. 2.

The dashed lines illustrate environment that does not form a part of the present invention, and no claim is made to the material illustrated with dashed lines.

1 Claim, 14 Drawing Sheets
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<tr>
<td>D654,587 S</td>
<td>2/2012</td>
<td>Bacher</td>
<td>D24/133</td>
</tr>
<tr>
<td>8,323,182 B2</td>
<td>12/2012</td>
<td>Manohara</td>
<td>A61B 1/00039</td>
</tr>
<tr>
<td>D641,873 S</td>
<td>7/2011</td>
<td>Solingen</td>
<td>D24/133</td>
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<td>7/2011</td>
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* cited by examiner