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United States Patent [19]

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Lichtman et al.

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[54] **ENDOSCOPIC GRASPER**

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[73] Assignee: **Microsurge, Inc.**, Needham, Mass.

[**] Term: **14 Years**

[21] Appl. No.: **903**

[22] Filed: **Oct. 28, 1992**

[52] U.S. Cl. **D24/143**

[58] Field of Search 606/205, 206, 207;
128/751, 750, 749, 752; D24/143, 145, 146

[56] **References Cited**

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[57] **CLAIM**

The ornamental design for an endoscopic grasper, as shown and described.

DESCRIPTION

FIG. 1 is a left hand side view in elevation of the endoscopic grasper showing our new design, the shaft is shown broken away in the center to indicate indeterminate length;

FIG. 2 is a plan view of the same instrument;

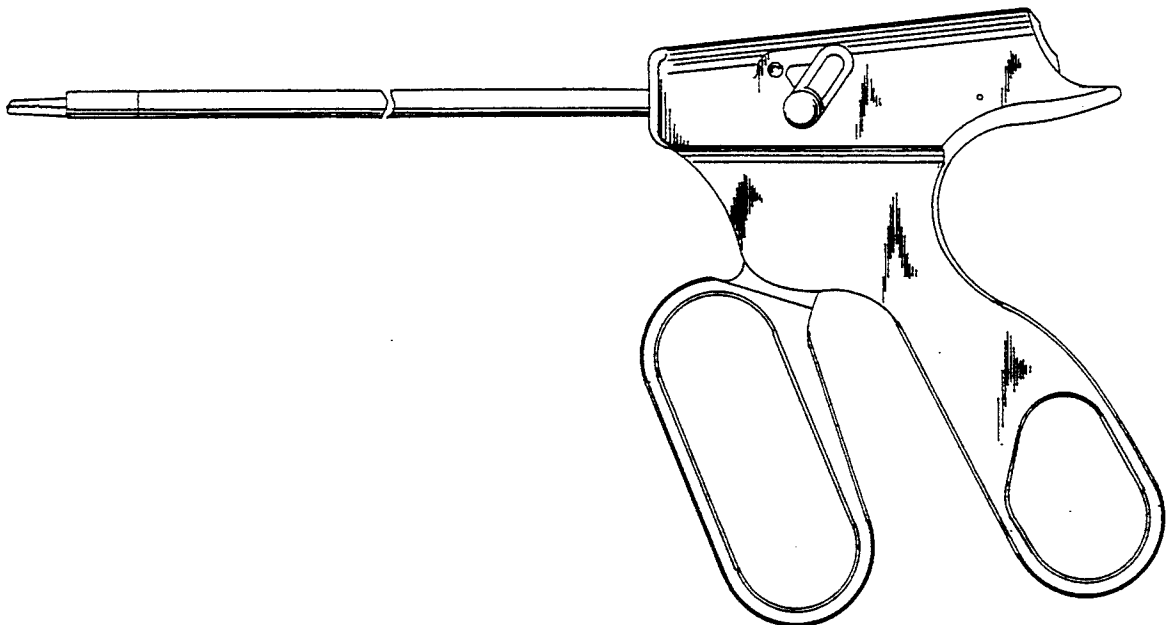
FIG. 3 is bottom view of the same instrument;

FIG. 4 is front end view in elevation of the same instrument;

FIG. 5 is a rear end view in elevation of the same instrument;

FIG. 6 is a right hand side view in elevation of the same instruments; and,

FIG. 7 is a left hand side view in elevation showing the instrument with its jaws in an open position.



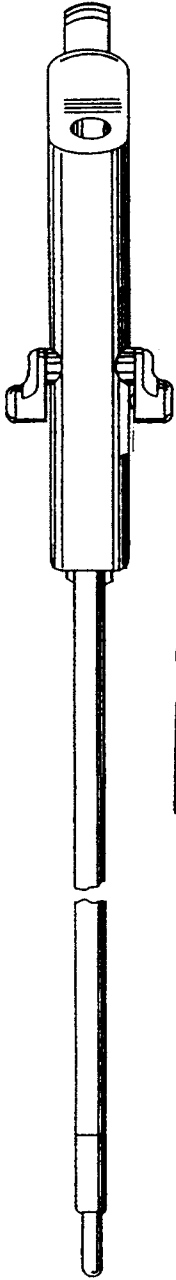


Fig. 2

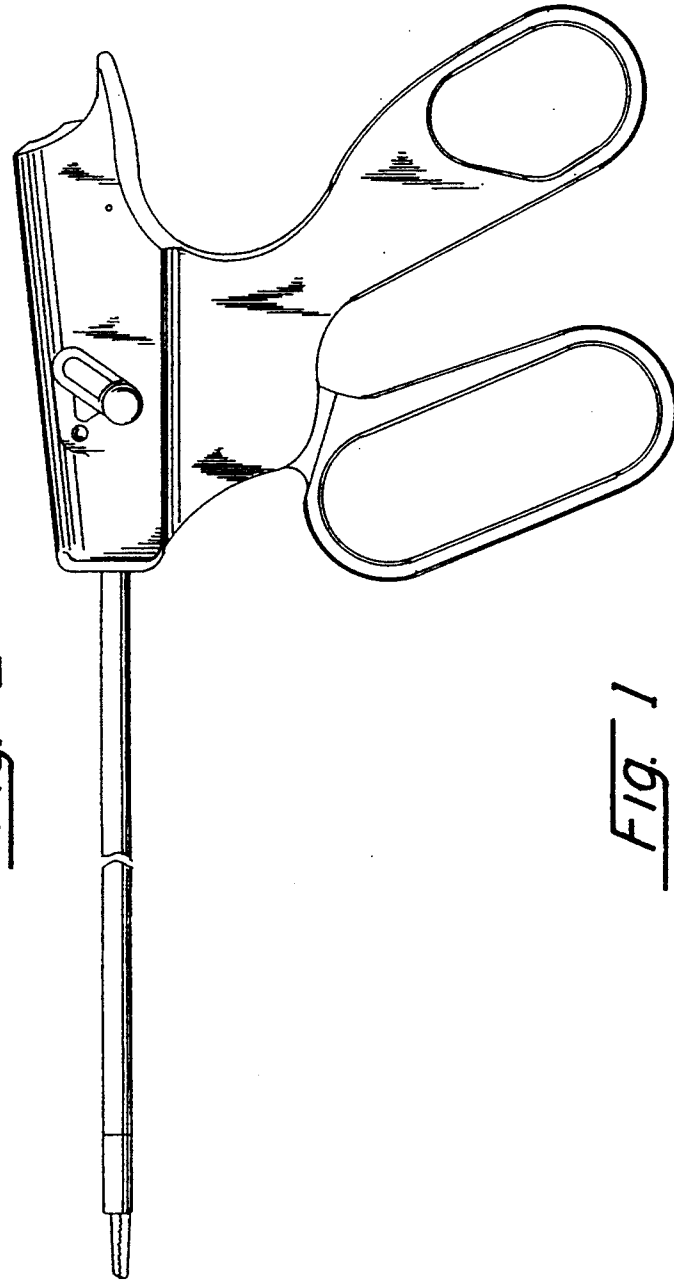


Fig. 1

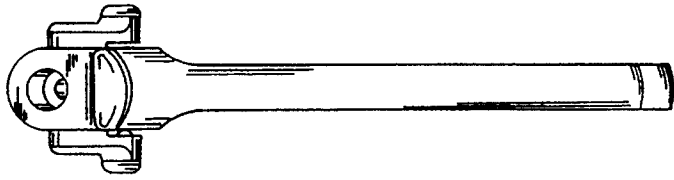


Fig. 5

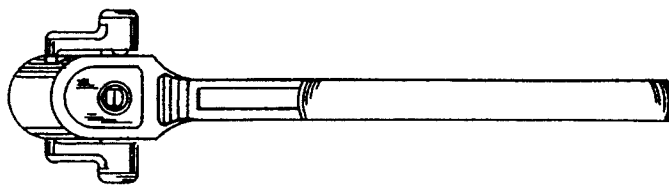


Fig. 4

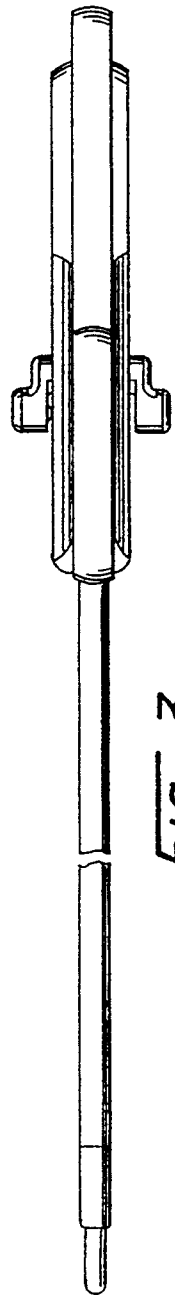


Fig. 3

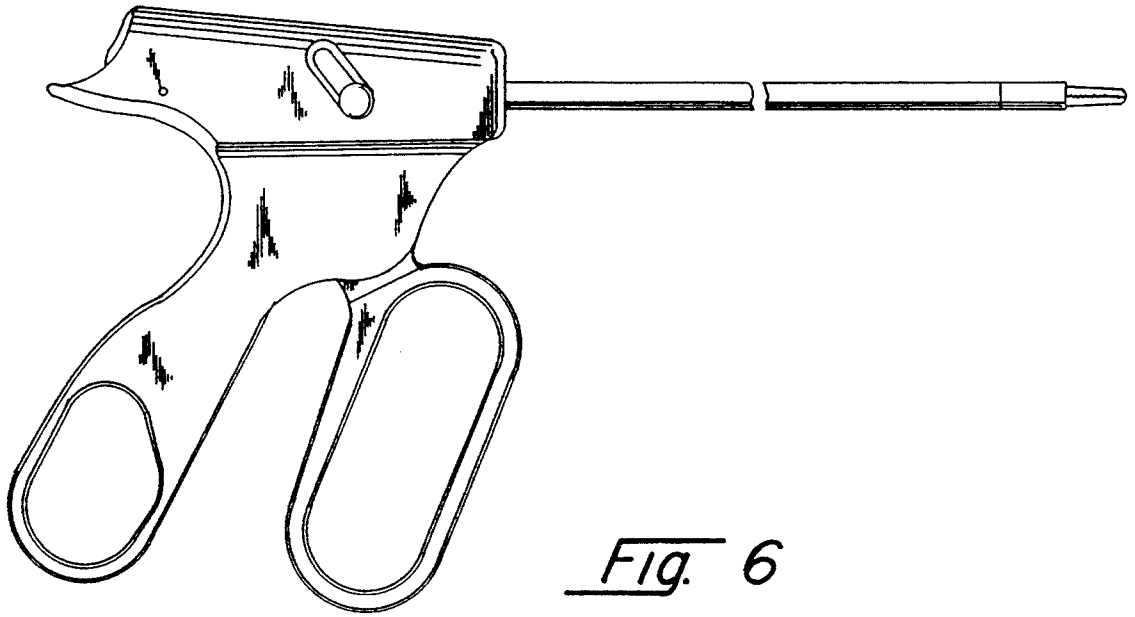


Fig. 6

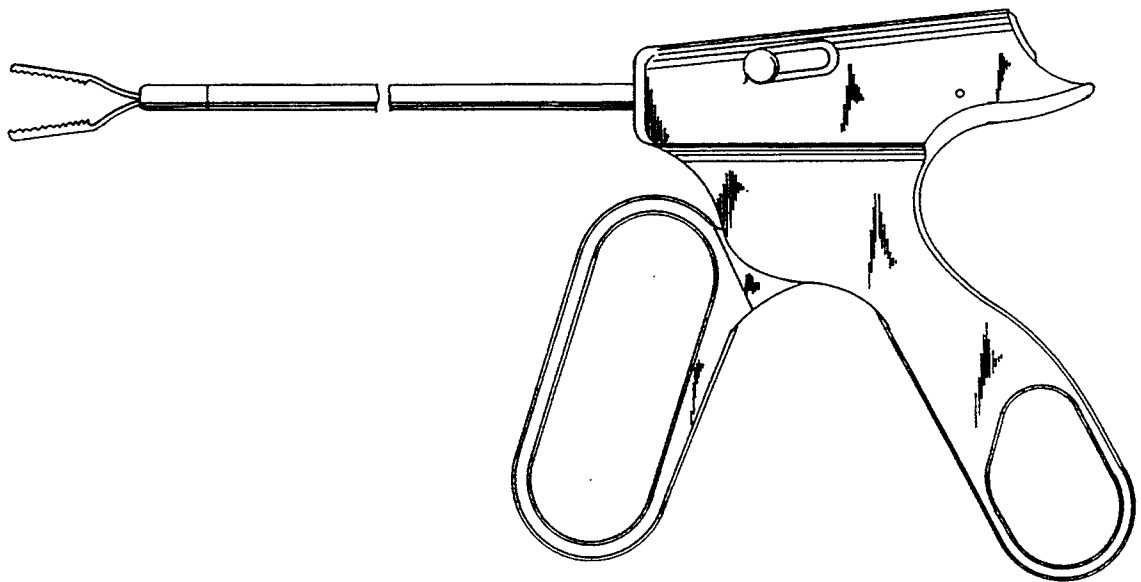


Fig. 7