

# (12) United States Design Patent (10) Patent No.:

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### (54) IMPACT HANDLE FOR HAND HELD SURGICAL INSTRUMENTS

(75) Inventors: **Peter H Muller**, Woodside, CA (US); Eric N Doelling, Sunnyvale, CA (US);

Alex Hsia, San Jose, CA (US)

(73) Assignee: Kyphon Inc., Sunnyvale, CA (US)

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94, 185, 92; 600/562, 566, 567; 81/22, 463, 489, 27; 173/162.2

### (56)References Cited

### U.S. PATENT DOCUMENTS

6,221,029 B1 \* 4/2001 Mathis et al. ...... 606/167

6 468 279	B1	10/2002	Reo

2002/0107523 A1 *	8/2002	Naughton et al.	606/100
2003/0036763 A1 *	2/2003	Bhatnagar et al.	606/94
2003/0125747 A1 *	7/2003	Sproul	606/92

\* cited by examiner

Primary Examiner—Ian Simmons

(74) Attorney, Agent, or Firm-Ryan Kromholz & Manion,

(57)**CLAIM** 

The ornamental design of an impact handle for hand held surgical instruments, as shown and described.

### DESCRIPTION

FIG. 1 is a perspective view of an impact handle for hand held surgical instruments showing my new design.

FIG. 2 is a front elevation view thereof.

FIG. 3 is a back elevation view thereof.

FIG. 4 is a right side elevation view thereof, the left side elevation view being a mirror image thereto.

FIG. 5 is a bottom plan view thereof; and,

FIG. 6 is a top plan view thereof.

## 1 Claim, 2 Drawing Sheets







