

(12) United States Design Patent (10) Patent No.: US D489,235 S May 4, 2004 Hewett et al. (45) **Date of Patent:** **

- **TORCH HEAD** (54)
- Inventors: Roger W. Hewett, Plainfield, NH (US); (75)Kevin Horner-Richardson, Cornish, NH (US)
- Assignee: Thermal Dynamics Corporation, (73)Lebanon, NH (US)
- 14 Years (**` Term:

(74) Attorney, Agent, or Firm-Harness, Dickey & Pierce, P.L.C.

(57)CLAIM

The ornamental design for a torch head, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the torch head from the proximal end, wherein the dashed lines indicate changes in surface contour;

Appl. No.: 29/166,918 (21)

- Sep. 4, 2002 Filed: (22)
- LOC (7) Cl. 08-08 (51)
- (52) (58)219/121.5, 121.48, 75, 121.51

References Cited (56)**U.S. PATENT DOCUMENTS**

4,579,318 A	* 4/1986	Keedy 266/66
D289,967 S	* 5/1987	Green, Jr D8/30
4,967,055 A	* 10/1990	Raney et al 219/121.5
D343,629 S	* 1/1994	Bode D15/144
D346,390 S	* 4/1994	Sperling et al D15/144
5,597,497 A	* 1/1997	Dean et al 219/121.48
6,096,993 A	* 8/2000	Marhic et al 219/121.5

* cited by examiner

Primary Examiner—Philip S. Hyder

FIG. 2 is a perspective view thereof from the distal end, wherein the dashed lines indicate changes in surface contour;

FIG. 3 is a perspective view thereof from behind, looking toward the distal end, wherein the dashed lines indicate changes in surface contour;

FIG. 4 is a front elevation view thereof, wherein the dashed lines indicate changes in surface contour;

FIG. 5 is a back elevation view thereof, wherein the dashed lines indicate changes in surface contour;

FIG. 6 is a left side elevation view thereof, wherein the dashed lines indicate changes in surface contour;

FIG. 7 is a right side elevation view thereof, wherein the dashed lines indicate changes in surface contour;

FIG. 8 is a top plan view thereof; and,

FIG. 9 is a bottom plan view thereof, wherein the dashed lines indicate changes in surface contour.

1 Claim, 9 Drawing Sheets





U.S. Patent May 4, 2004 Sheet 1 of 9 US D489,235 S





U.S. Patent May 4, 2004 Sheet 2 of 9 US D489,235 S



U.S. Patent May 4, 2004 Sheet 3 of 9 US D489,235 S



U.S. Patent May 4, 2004 Sheet 4 of 9 US D489,235 S



FIG. 4

.

U.S. Patent May 4, 2004 Sheet 5 of 9 US D489,235 S







U.S. Patent May 4, 2004 Sheet 8 of 9 US D489,235 S





 \bigcirc



U.S. Patent May 4, 2004 Sheet 9 of 9 US D489,235 S



С С Г