

# United States Patent [19]

Evans et al.

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#### [54] AUTOMATED PERIODONTAL PROBE HANDPIECE

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[57] CLAIM

The ornamental design for an automated periodontal probe handpiece, as shown and described.

#### DESCRIPTION

[\*\*] Term: 14 Years

[21] Appl. No.: 63,411

[22] Filed: Dec. 6, 1996

- [52] U.S. Cl. ...... D24/147; D24/146; D24/133; D24/176

[56] **References Cited** 

#### U.S. PATENT DOCUMENTS

D. 248,967	8/1978	Shea et al.	D24/146
D. 321,400	11/1991	Beckman et al.	D24/152
3,014,278	12/1961	Aymar et al.	D24/146
3,397,457	8/1968	Gosselin	433/29

#### FOREIGN PATENT DOCUMENTS

0001004 3/1979 European Pat. Off. ..... 433/147

FIG. 1 is a top view of the automated periodontal probe handpiece, showing our new design; FIG. 2 is a top view of the automated periodontal probe handpiece, showing the disposable probing portion removed from a receiver portion of the handpiece; FIG. 3 is a bottom view of the handpiece of FIG. 1; FIG. 4 is a bottom side view of FIG. 2; FIG. 5 is a side view of the handpiece of FIG. 1; FIG. 6 is a side view of the handpiece of FIG. 2; FIG. 7 is a front view of the handpiece of FIG. 5; FIG. 8 is a rear view of the handpiece of FIG. 5; FIG. 9 is a rear view of the disposable probing portion of FIG. 6; and , FIG. 10 is a front view of the receiver portion of the handpiece of FIG. 6. The broken line showing of the cord in FIGS. 1-6 is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



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