

### (12) United States Design Patent (10) Patent No.: US D489,495 S Franzino (45) Date of Patent: \*\* May 4, 2004

### (54) TUBE CLEANING MACHINE

- (75) Inventor: Joseph J Franzino, Redding, CT (US)
- (73) Assignee: Goodway Technologies Corporation, Stamford, CT (US)
- (\*\*) Term: **14 Years**

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Primary Examiner—Louis S. Zarfas
Assistant Examiner—Robert A Delehanty
(74) Attorney, Agent, or Firm—Patrick J. Walsh

(57) CLAIM

The ornamental design for a tube cleaning machine, substantially as shown and described.

### DESCRIPTION

FIG. 1 is a front elevation of a tube cleaning machine, showing my new design;

## (56) References CitedU.S. PATENT DOCUMENTS

D115,185	S	≉	6/1939	Clarkson D32/1
5,213,480	Α	≉	5/1993	Yedinak et al 417/234
D340,786	S	*	10/1993	Jones D32/1 X
6,070,808	Α	≉	6/2000	Kildow 239/146
6,279,838	<b>B</b> 1	≉	8/2001	Sivells et al 239/146
D463,888	S	*	10/2002	Rehkugler et al D32/1 X

\* cited by examiner

FIG. 2 is a rear elevation view thereof;

FIG. 3 is a right side elevation view thereof;

FIG. 4 is a left side elevation view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof; and

FIG. 7 is a right side elevation of a modified embodiment of my new design having a greater top panel curvature and in all other respects identical to the embodiment of FIGS. 1–6; FIG. 8 is a left side elevation view of the modified embodiment of FIG. 7.

FIG. 9 is a top view of the modified embodiment of FIG. 7; and,

FIG. 10 is a bottom view of the modified embodiment of FIG. 7.

### 1 Claim, 6 Drawing Sheets





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FIG. 3

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# FIG. 5



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FIG. 7

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FIG. 9



# FIG. IO