# United States Patent [19]

Clivio et al.

Έ.

- COMBINED HANDLE AND ADAPTER [54] FERRULE WITH TIGHTENING KNOB FOR **GARDENING IMPLEMENTS**
- [75] Inventors: Franco Clivio, Ulm; Dieter Raffler, Neu-Ulm, both of Fed. Rep. of Germany
- Gardena Kress & Kastner GmbH, [73] Assignee: Fed. Rep. of Germany
- 14 Years [\*\*] Term:
- [21] Appl. No.: 467,389

[56]

Patent Number: Des. 282,812 [11] Date of Patent: **\*\*** Mar. 4, 1986 [45]

2,847,816 8/1958 Yeda ..... 56/400.17

## **OTHER PUBLICATIONS**

Publ. 77/2437, Gardena Kress & Kastner; p. 126 of March Issue of Patent Journal, Clerian of South Africa [Handle 11/12 & Knob 31]. Publ. 77/2438, Gardena Kress & Kastner; p. 126 of March Issue of Patent Journal, Clerian of South Africa [Knob 31 on Handle]. "New 77 Gardena Combisystem," Handle and Knob Attachments on pp. 1, 3, 9, 12 & 13.

Primary Examiner—Wallace R. Burke Assistant Examiner—Horace B. Fay

Feb. 17, 1983 [22] Filed:

[30] **Foreign Application Priority Data** Aug. 17, 1982 [DE] Fed. Rep. of Germany ...... GRAIII13548203 [58] D8/300, 301, 302, 307, 321, 395, 152; D13/32, 38; 16/110 R, 110 A, 114 R, DIG. 24, DIG. 21, DIG. 18; 294/49, 57, 55; 172/375, 400.17, 400.05; 56/400.01, 400.04, 400.21, 400.06

#### **References** Cited

#### **U.S. PATENT DOCUMENTS**

D. 200,186	1/1965	Kelly D23/28
D. 251,954		Raffler et al D8/1
298,926	5/1884	Watson 172/381
338,652	3/1886	Weiss 16/DIG. 24
1,475,362	11/1923	Brackett 172/381
2,479,877	8/1949	Storm et al 172/373
2,481,442	9/1949	Paul 56/400.17
2,497,192	2/1950	Thayer, Jr D8/13
2,836,032	5/1958	Melvin 56/400.17

Attorney, Agent, or Firm-Steele, Gould & Fried

## CLAIM

[57]

The ornamental design for combined handle and adapter ferrule with tightening knob for gardening implements, as shown and described.

### DESCRIPTION

FIG. 1 is a perspective view of combined handle and adapter ferrule with tightening knob for gardening implements according to our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a side elevation from the left with respect to FIG. 2, the opposite side being substantially a mirror image; FIG. 4 is a rear elevation view; FIG. 5 is a top plan view with respect to FIG. 2; FIG. 6 is a bottom plan view; and, FIG. 7 is an enlarged, left side, perspective view thereof, with the handle being shown fragmentally for expedient illustration, the view of the side opposite being a mirror image.

.



.

-

. • .

-

. .

.

.

.

.

.

# **U.S. Patent** Mar. 4, 1986 Sheet 1 of 2 Des. 282,812





.

**-**

**-**\*

•

•

-

-

-

## U.S. Patent Mar. 4, 1986 Sheet 2 of 2 Des. 282,812

.

----

•

.

.



.

.