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(71) Applicant: **ADVANCE HANDLE COMPANY, LLC**  
[US/US]; Suite 428, 294 Washington Street, Boston, MA 02108 (US).

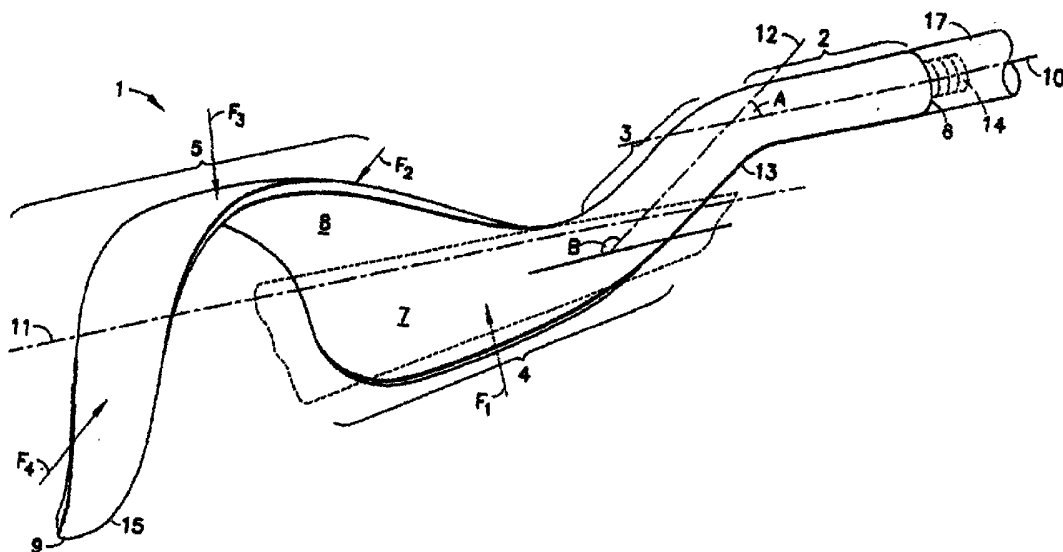
(72) Inventors: **CARMAN, Edward, C., Jr.**; 13 Concord Square, Boston, MA 02118 (US). **Carman, Edward, C., III**; 117 Central Street, West Concord, MA 01742 (US).

(74) Agent: **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).

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(54) Title: MULTIPLE USE HANDLE SUPPORT FOR DISTRIBUTING FORCES



(57) Abstract: A handle support is constructed for removable attachment to, a tool, appliance or other implement for hand held use. The handle support includes a brace portion extending rearward in a helical form. The brace portion circumscribes an open space which is substantially conical in form.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/09919

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A45F 5/00

US CL : 16/430

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 16/430, 16/422, 16/426

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NoneElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EAST

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category *    | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No.                         |
|---------------|--|---|
| X<br>---<br>Y | US 5,156,429 A (ADAMS) 20 October 1992 (20.10.1992), see entire document           | 1-6, 10-15, 17, 18-23,<br>26-31, 33-36, 39-44 |
|               |  | 16, 32  |
| X             | US 4,962,561 A (HAMILTON) 16 October 1990 (16.10.1990), see entire document        | 33-36, 39-44                                  |
| X             | US 4,836,190 A (ZWICK) 6 June 1989 (06.06.1989), see entire document               | 33-36, 39-44                                  |
| X             | US 6,324,728 B1 (BLANKENHEIM) 4 December 2001 (04.12.2001), see entire document    | 33-36, 39-44                                  |
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| A             | US 2,482,589 A (MAGUIRE) 20 September 1949 (20.09.1949), see entire document       |   |
| A             | US 2,710,571 A (PFISTER) 14 June 1955 (14.06.1955), see entire document            |   |

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Box PCT  
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Facsimile No. (703)305-3230

Authorized officer

Anthony Knight

Telephone No. 703-308-2168

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A          | US 3,574,380 A (TAGUE) 13 April 1971 (13.04.1971), see entire document             |                       |