



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
17.11.2004 Bulletin 2004/47

(51) Int Cl.7: **B26B 1/04**, B25F 1/04,
B25F 1/00

(43) Date of publication A2:
23.06.2004 Bulletin 2004/26

(21) Application number: **04000072.1**

(22) Date of filing: **14.04.1998**

(84) Designated Contracting States:
DE FR IT

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
98918203.5 / 1 071 546

(71) Applicant: **Mentor Group, L.L.C.**
West Linn, OR 97068 (US)

(72) Inventors:
• **McHenry, William J.**
Wyoming, Rhode Island 02898 (US)

• **Williams, Jason L.**
Wyoming, Rhode Island 02898 (US)
• **Ingram, Steven J.**
Portland, OR 97236 (US)

(74) Representative: **Hoarton, Lloyd Douglas Charles**
Forrester & Boehmert,
Pettenkoferstrasse 20-22
80336 München (DE)

(54) **Folding pocket knife with a lock**

(57) Knives (10, 182) each include a handle (12, 184) having a blade (14, 90, 194) pivotally attached to the handle. The blade is movable between a closed position in which it is received within a groove (36, 192) of the handle and an open position. The blade has a working portion (38, 198) and a tang portion (44, 98, 204)

which remains within the groove when the blade is in its open position. A locking pin (72, 208) extends transversely of the handle and blade and is movable along a pair of elongated openings (74, 216). And engages the tang portion (44, 98, 204) of the blade to lock the blade in its open position. A spring (78, 228) biases the locking pin toward the tang.

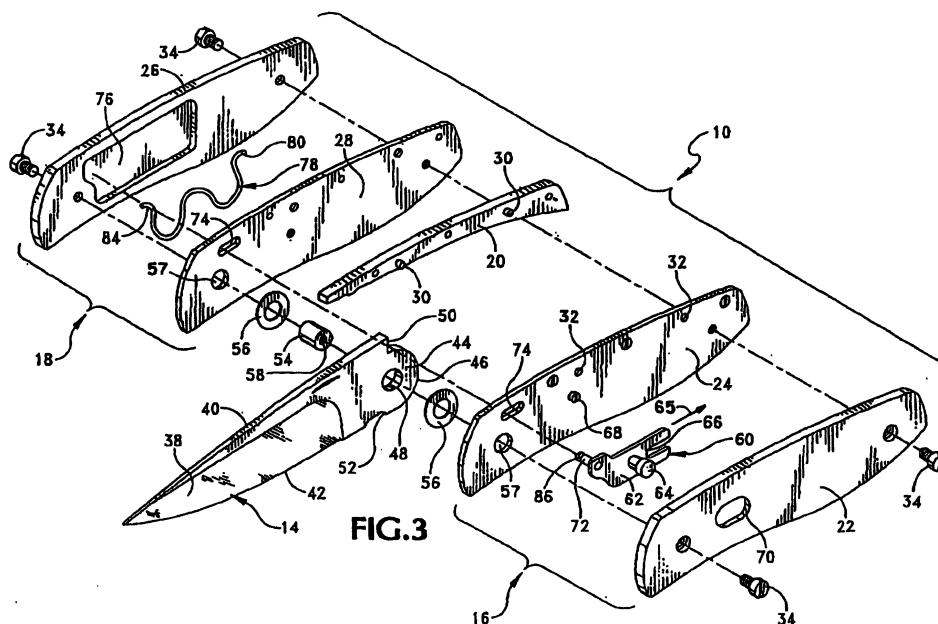


FIG.3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 00 0072

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 4 451 982 A (COLLINS WALTER W) 5 June 1984 (1984-06-05) * column 2, line 28 - column 3, line 68; figures 1-8 *	1-20	B26B1/04 B25F1/04 B25F1/00
A	US 4 240 201 A (MULLIN STEVEN W ET AL) 23 December 1980 (1980-12-23) * column 2, line 25 - column 3, line 8; figures 1,2 *	1-20	
A	US 4 670 984 A (RICKARD THOMAS A) 9 June 1987 (1987-06-09) * abstract *	1-20	
A	US 5 111 581 A (COLLINS WALTER W) 12 May 1992 (1992-05-12) * the whole document *	1-20	
A	US 5 685 079 A (BROTHERS ROBERT L ET AL) 11 November 1997 (1997-11-11) * column 1, line 37 - column 2, line 28 * * column 4, line 6 - column 5, line 63; figures 1-18 *	1-20	
A	US 4 040 181 A (JOHNSON LAWRENCE P) 9 August 1977 (1977-08-09) * column 2, line 40 - column 3, line 51; figures 1-5 *	1-20	
A	US 5 615 484 A (PITTMAN LEON) 1 April 1997 (1997-04-01) * column 2, line 61 - column 3, line 58; figures 1-4 *	1-20	
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 14 September 2004	Examiner Maier, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 00 0072

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-09-2004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4451982	A	05-06-1984	NONE	
US 4240201	A	23-12-1980	NONE	
US 4670984	A	09-06-1987	NONE	
US 5111581	A	12-05-1992	NONE	
US 5685079	A	11-11-1997	NONE	
US 4040181	A	09-08-1977	NONE	
US 5615484	A	01-04-1997	NONE	