

### US005123456A

# United States Patent [19]

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#### Jansen

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[54]	BANDING TOOL WITH INCLUDING CLAMPING PLUNGER	4,056,128 11/1977 Konrad
[75]	Inventor: George A. Jansen, Denver, Colo.	4,726,403       2/1988       Young et al.       140/93.4         4,928,738       5/1990       Marelin et al.       140/93.4
[73]	Assignee: Band-It-Idex, Inc., Denver, Colo.	FOREIGN PATENT DOCUMENTS
[21]	Appl. No.: 593,124	658135 2/1963 Canada 140/117
[22] [51]	Filed: Oct. 5, 1990  Int. Cl. <sup>5</sup>	Primary Examiner—Lowell A. Larson Attorney, Agent, or Firm—Sheridan Ross & McIntosh
[52]	U.S. Cl 140/93.4; 140/123.6;	[57] ABSTRACT
[58]	140/150 Field of Search	A banding tool (10) is provided to tension and lock a band (12) and a buckle (14) around an object (16). The tool (10) has a housing (18) and a pull-up/cut-off handle
[56]	References Cited	(20) for cooperatingly tensioning the band (12). Upon
	U.S. PATENT DOCUMENTS	properly tensioning the band (12) around the object (16), the handle (20) is further manipulated to engage a
	1.482.247 1/1924 Nowland 140/93.4	locking/cutting lever (26). The lever (26) engages a

head (42) which holds a punch (46) therein and includes a surface (49). The punch (46) first contacts the band (12) to deform and lock the band (12) to itself. The surface (49) of the head (48) then bends and cuts the tail (134) from the band (12).



