(54)	HAMMER-TYPE STAPLER WITH TAB FEEDER			
(76)	Inventors:	Edmund M. Chlebowski, 433 Bayshore Dr., Wilmington, NC (US) 28411; Brian Malcolm Swanson, 308 Harlandale Dr., Wilmington, NC (US) 28411		
(*)	Notice:	Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 26 days.		
(21)	Appl. No.: 09/922,466			
(22)	Filed:	Aug. 3, 2001		
(58)	Field of Search			
(56)	References Cited			
U.S. PATENT DOCUMENTS				
	2,432,853 A 2,537,601 A 2,645,773 A	* 1/1951 Peterson 227/133		

2,653,317 A * 9/1953 Beckman et al. 227/86

7/1977 Butler

7/1977 Harvey

6/1984 Francovitch

1/1980 Sato

7/1959 Rubin 227/133

2,664,565 A *

2,896,210 A *

4,033,499 A

4,036,422 A

4,182,474 A

4,455,804 A

4,657,167 A	4/1987	Mays
4,780,039 A	10/1988	Hartman
4,870,750 A	10/1989	Zahn
5,042,142 A	8/1991	Beach et al.
5,193,729 A	3/1993	Dewey et al.
5,292,048 A	3/1994	Vanderwiel
5,407,313 A	4/1995	Bruins et al.
5,484,094 A	1/1996	Gupta
5,634,583 A	6/1997	McGuinness et al.
5,947,362 A	* 9/1999	Omil 227/120
5,975,401 A	11/1999	Fealey
6,012,623 A	* 1/2000	Fealey 227/134

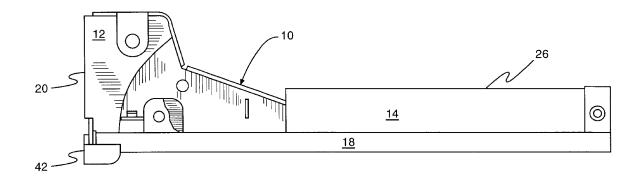
^{*} cited by examiner

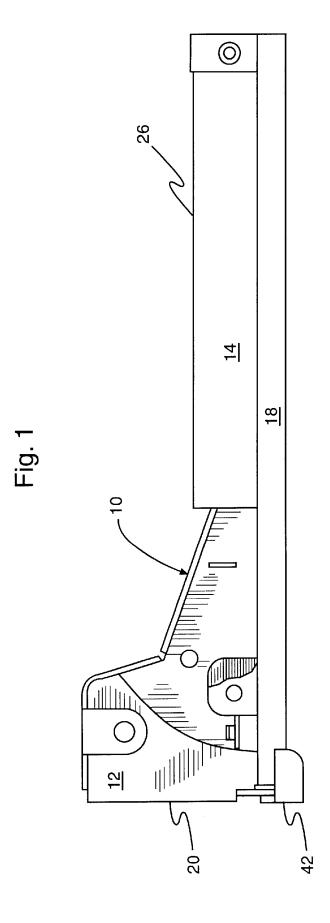
Primary Examiner—Scott A. Smith
Assistant Examiner—Chukwurah Nathaniel
(74) Attorney, Agent, or Firm—MacCord Mason PLLC

(57) ABSTRACT

A manually operated hammer-type stapler for attaching a material to a surface with a tabbed staple includes a staple driver having a staple drive blade moveable along a blade pathway between a raised position to a lowered position; a striker at the distal end of the stapler; an elongated handle extending rearwardly from the staple driver; an elongated staple magazine beneath and parallel to the handle, the staple magazine having a discharge end adjacent the blade pathway to position a staple beneath the driver blade; and an elongated tab magazine parallel to and beneath the staple magazine, the tab magazine having a discharge end adjacent the blade pathway to position a tab beneath the driver blade, whereby the driver blade moves from its raised position to its lowered position when the striker is impacted against the surface to drive a staple through a tab and into the surface.

14 Claims, 6 Drawing Sheets







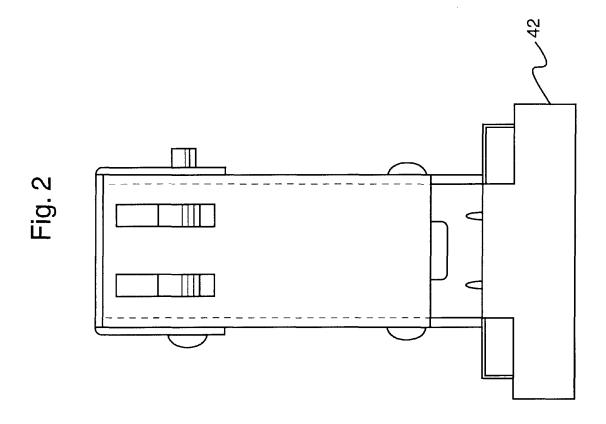


Fig. 3

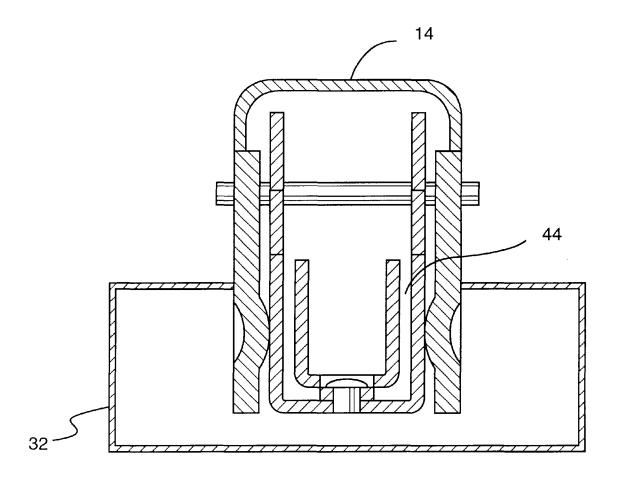
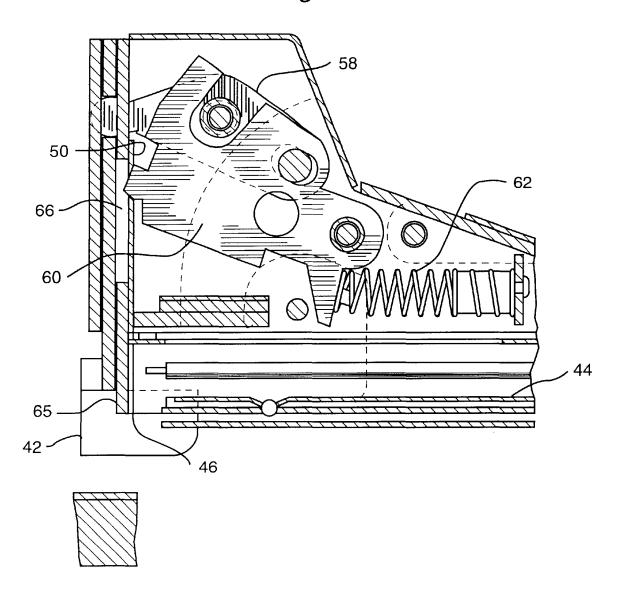


Fig. 4



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

