

US00D378891S

United States Patent [19]

Sung

[56]

[11] Patent Number: Des. 378,891

[45] Date of Patent: **Apr. 22, 1997

[54]	IMPACT WRENCH		
[76]	Inventor:	Eric Sung, No. 27 Lane 4, Ji-Lung Road, Ta-Li, Taichung County, Taiwan	
[**]	Term:	14 Years	
[21]	Appl. No.: 43,846		
[22]	Filed:	Sep. 11, 1995	
[52]	U.S. Cl	D8/68	
[58]	Field of Search		
		D15/124, 132; 81/54, 57.13, 57.14, 177.1,	
	177.	.85; 140/122, 124; 173/169, 170; 239/525,	
		526, 527, 528, 589; 408/124, 125	

References Cited

U.S. PATENT DOCUMENTS

D. 340,396	10/1993	Ichikawa
D. 344,878	3/1994	Izumisawa .
D. 358,314	5/1995	Izumisawa .
4,204,580	5/1980	Nally 173/170
4,886,215	12/1989	Ruud
5,035,161	7/1991	Huang 81/54

OTHER PUBLICATIONS

RODAC 4103 Air Hammer, RODAC Industrial Air Tools Catalog RIT75, p. 18.

Zone King Air Impact Wrench Modek AK-502, Zone King Industrial Co., Ltd. Catalog, p. 3.

RF® Air Hammer Model RF-502, RF® Air Tools Poster. *Automotive Power Tools*, Ingersoll-Rand Catalog, 1992, pp. 10, 12 and 13.

Automotive Air Tools, Chicago Pnematic Catalog, Mar. 1990, p. 2.

Hardwares Catalog, Dec. 1986, p. 107.

Primary Examiner—James M. Gandy Assistant Examiner—Robert M. Spear

[57] CLAIM

The ornamental design for an impact wrench, as shown and described.

DESCRIPTION

FIG. 1 is a left-side view of the impact wrench, showing my new design;

FIG. 2 is a rear view thereof;

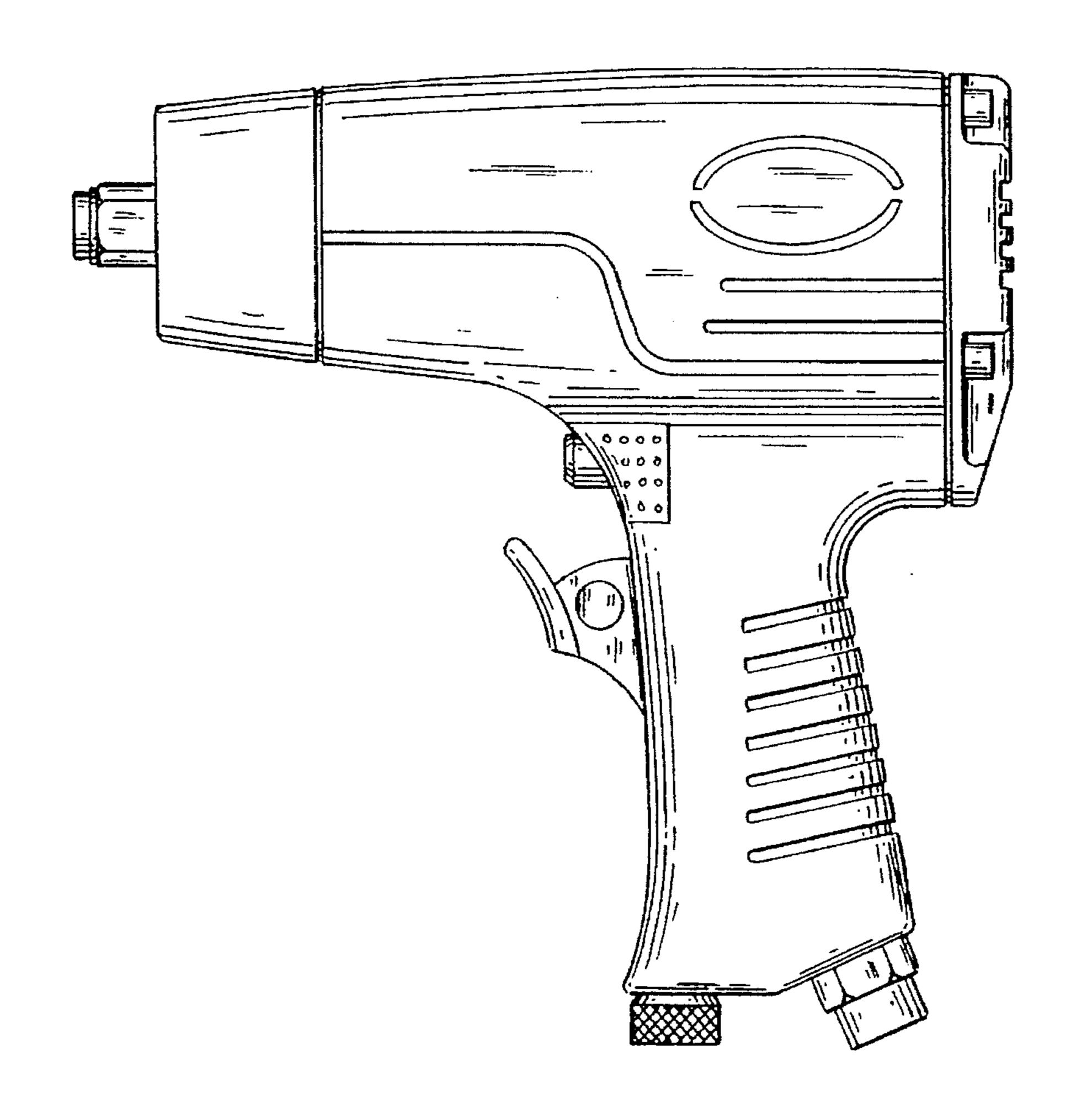
FIG. 3 is a top view thereof;

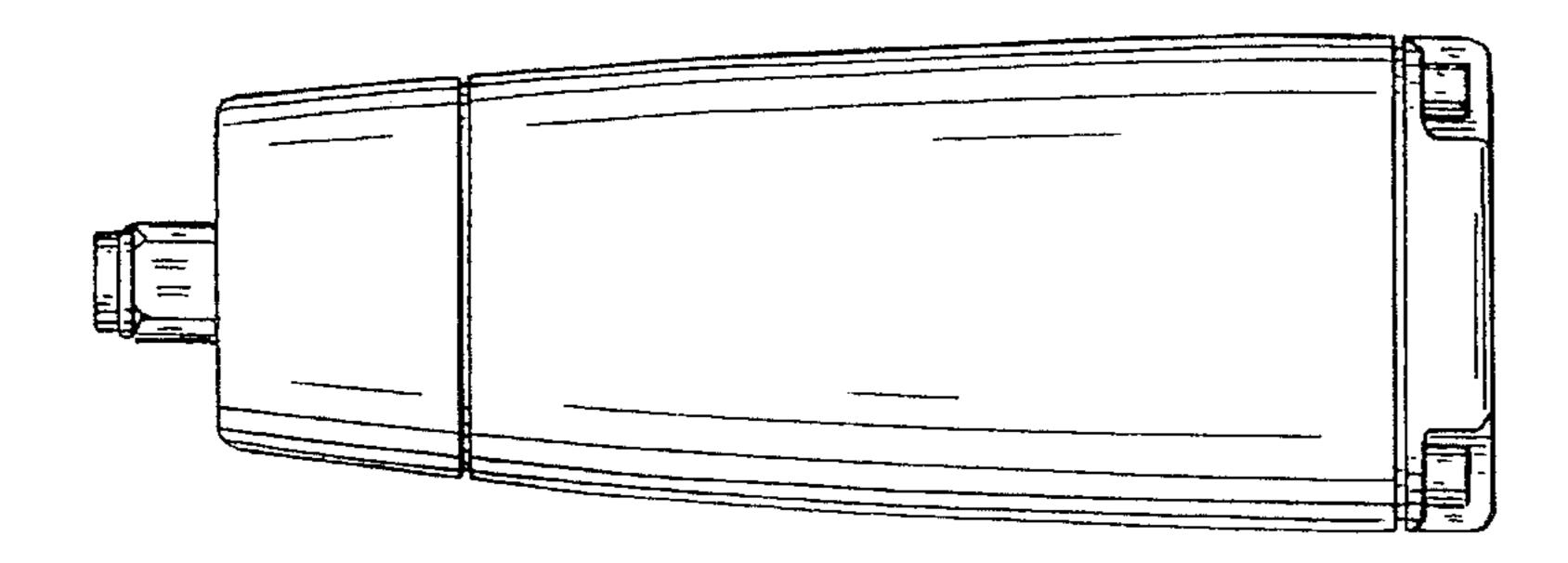
FIG. 4 is a right-side view thereof;

FIG. 5 is a front view thereof; and,

FIG. 6 is a bottom view thereof.

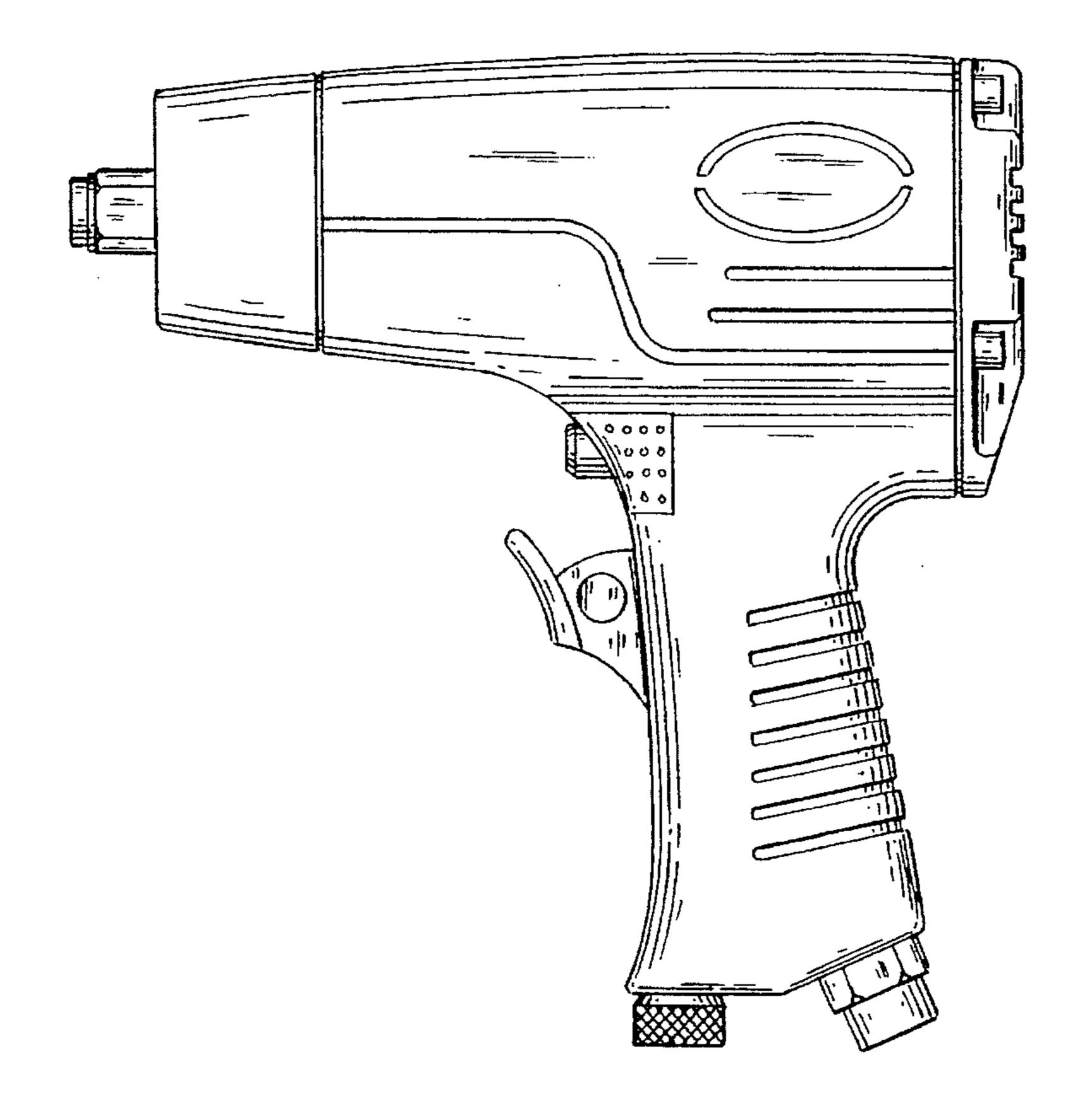
1 Claim, 2 Drawing Sheets



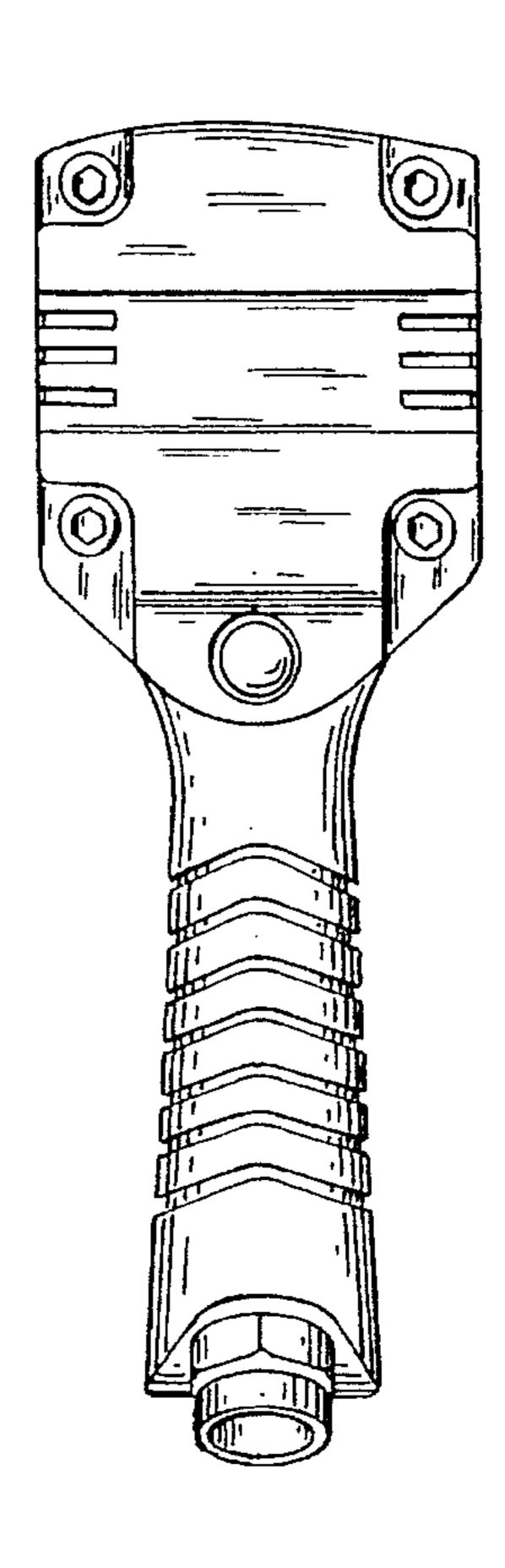


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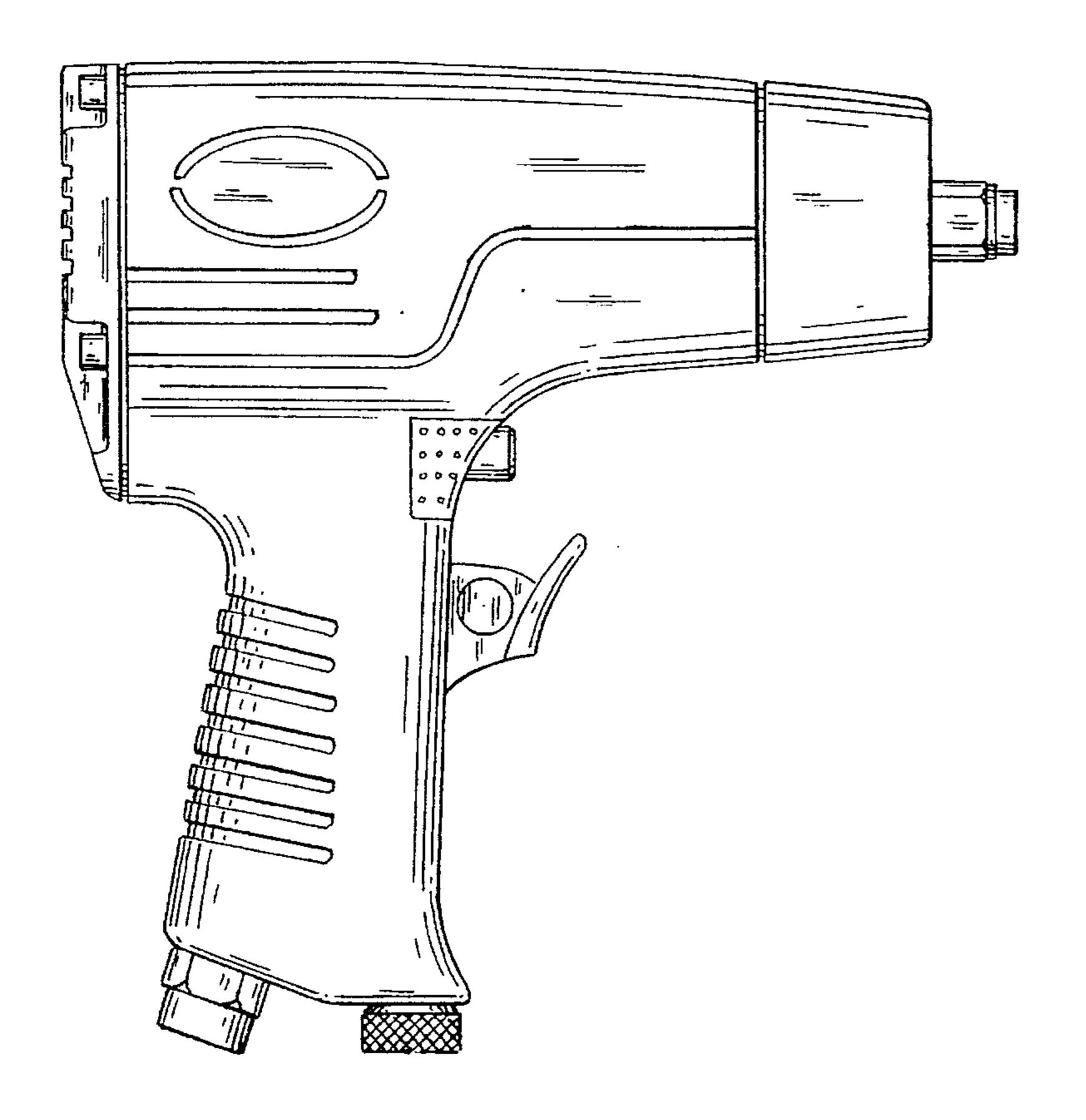
FIG.3



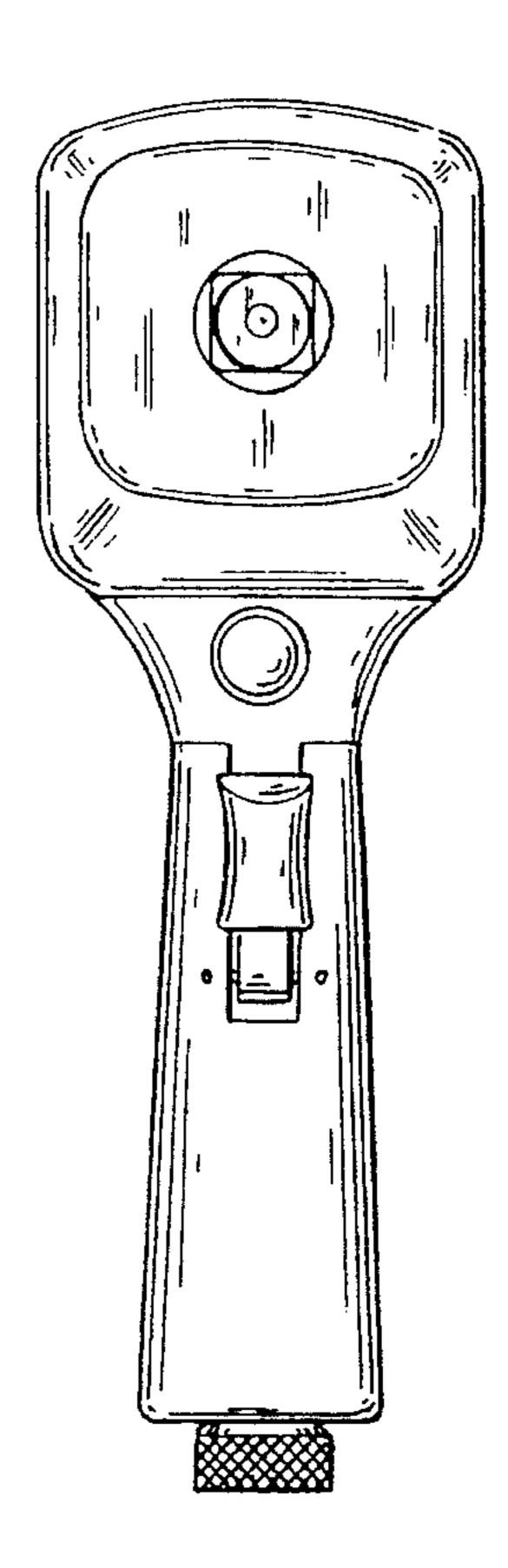




F1G. 2



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F1G. 4

FIG.5

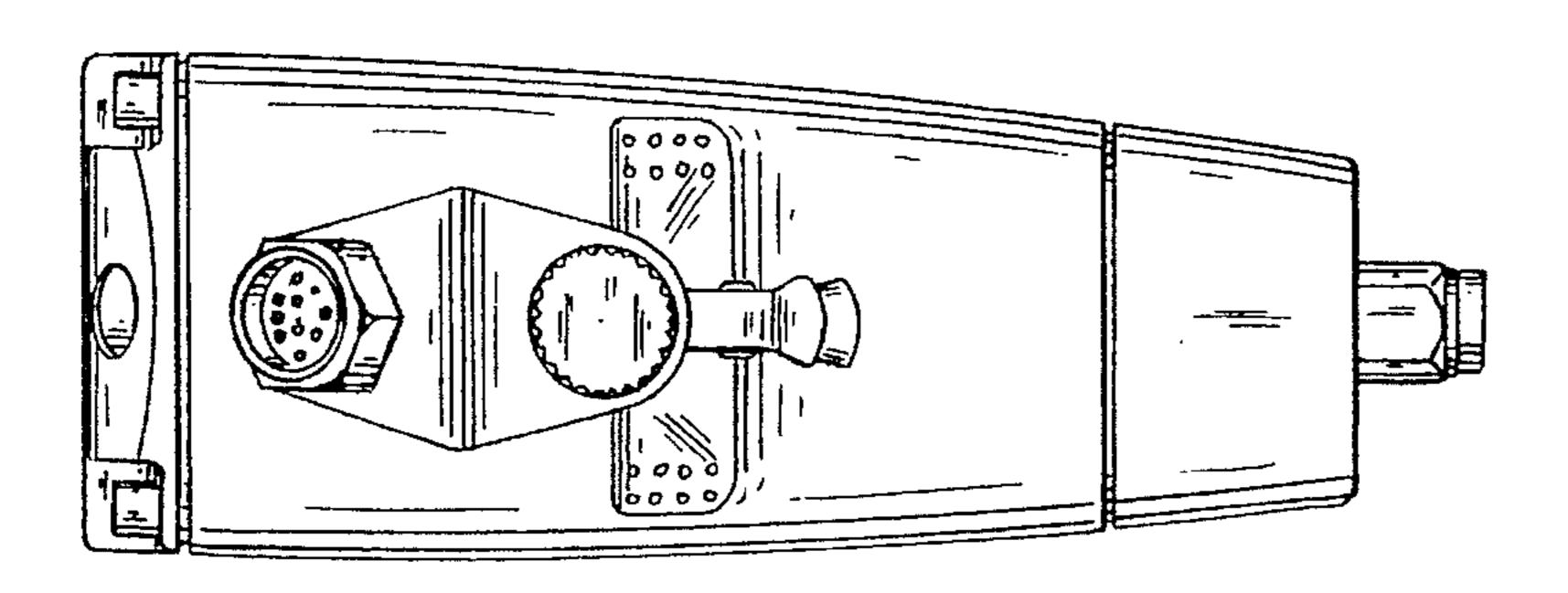


FIG.6

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. :

Des. 378,891

DATED

April 22, 1997

INVENTOR(S):

Eric Sung

It is certified that error appears in the above-indentified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page:

Under "[56] References" for "Other Publications" delete "Modek AK-502,"

and insert -- Model ZK-502--.

Under "[56] References" for "Other Publication" delete "Chicago

Pnematic" and insert -- Chicago Pneumatic--.

Signed and Sealed this

FourthDay of August, 1998

Attest:

BRUCE LEHMAN

Attesting Officer Commissioner of Patents and Trademarks

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. :

Des. 378,891

DATED

April 22, 1997

INVENTOR(S):

Eric Sung

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page:

Insert -- [73] Assignee: K.K.U. Limited, Tokyo, Japan--

Signed and Sealed this

First Day of December, 1998

Attest:

Attesting Officer

BRUCE LEHMAN

Commissioner of Patents and Trademarks