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(12) **United States Design Patent**  
**Karol et al.**

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- (54) **GRASPER CLAW**
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5,582,488 A \* 12/1996 Dudley ..... A63H 33/042  
16/367  
D378,339 S \* 3/1997 Whitley ..... D8/25  
5,626,062 A \* 5/1997 Colvin ..... B25B 13/06  
81/177.85  
6,101,902 A \* 8/2000 Wei ..... B25B 13/463  
81/177.1  
D451,526 S \* 12/2001 Lee ..... D15/148  
D491,428 S \* 6/2004 Barnett ..... D8/25  
2001/0037925 A1\* 11/2001 Becker ..... B60N 2/224  
192/43.1  
2006/0053922 A1\* 3/2006 Laabs ..... F16H 57/0431  
74/467

(Continued)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/553,521**

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(51) **LOC (10) Cl.** ..... **08-05**

(52) **U.S. Cl.** ..... **D8/380**  
USPC .....

(58) **Field of Classification Search**  
USPC ..... D8/71, 349, 380, 499; 81/58.4, 60-63.2,  
81/120; 192/41 R-46  
CPC ..... A63H 33/042; A63H 33/062; Y10T  
16/5472; Y10T 403/7016; Y10T  
403/7039; Y10T 403/32418; Y10T  
403/7045

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,831,384 A \* 4/1958 Weiss ..... B25B 13/467  
81/57.13  
4,524,652 A \* 6/1985 Wenzel ..... B25B 13/465  
81/177.85  
4,819,521 A \* 4/1989 Lang ..... B25B 23/16  
81/177.1  
4,873,899 A \* 10/1989 Mazurek ..... B25B 13/463  
81/124.2  
D373,077 S \* 8/1996 Dudley ..... D8/499

**OTHER PUBLICATIONS**

Claw Kit—Vex Robotics, <http://www.vexrobotics.com/276-2212.html>, Innovation First International, Inc., Copyright (c) 2002-2016.

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(57) **CLAIM**

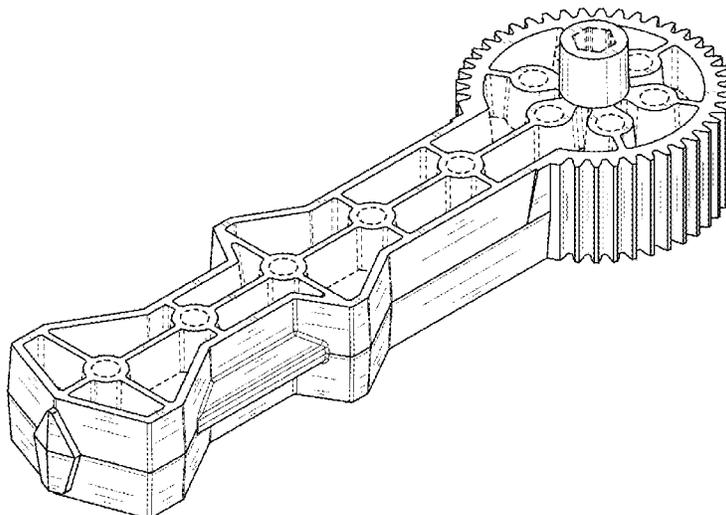
The ornamental design for a grasper claw, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top, right side perspective view of the grasper claw, showing our new design;  
FIG. 2 a front side elevational view thereof;  
FIG. 3 a rear side elevational view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

The ornamental design which is claimed is shown in solid lines in the drawings. Any broken lines in the drawings are for illustrative purposes only and form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2006/0060032	A1*	3/2006	Baker	.....	B25B 21/004 81/57.39
2007/0000357	A1*	1/2007	Hsieh	.....	B25B 13/463 81/63.2
2015/0082949	A1*	3/2015	MacDonald	.....	B25B 13/08 81/63.1

\* cited by examiner

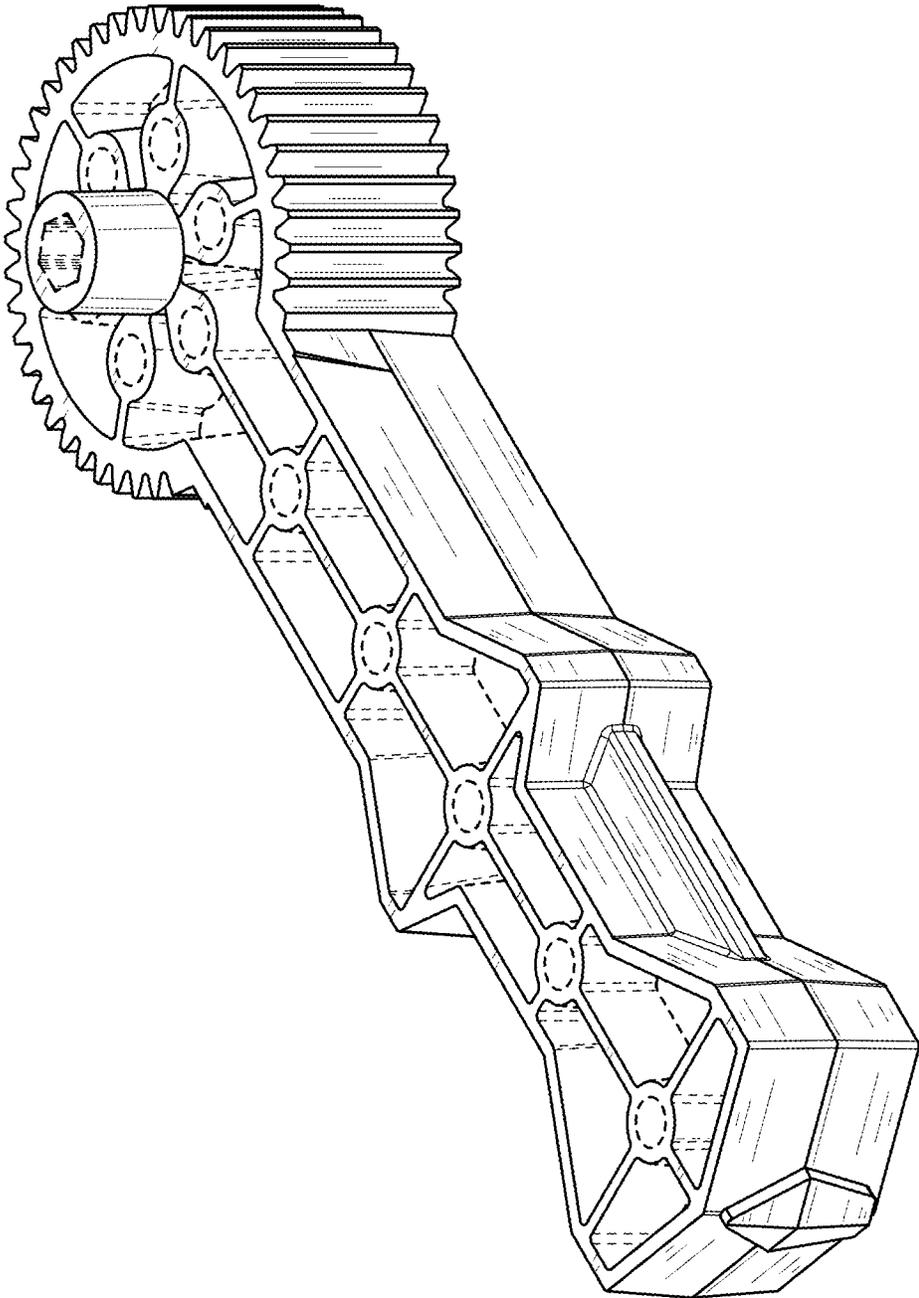


FIG. 1

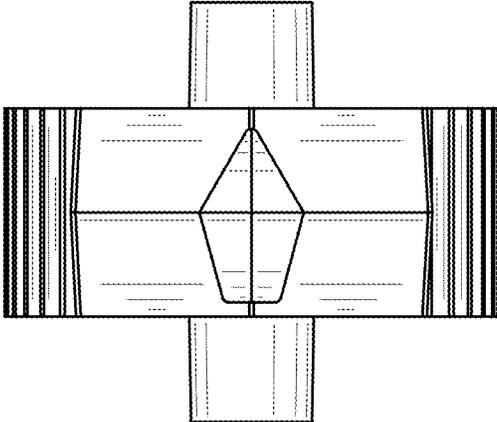


FIG. 2

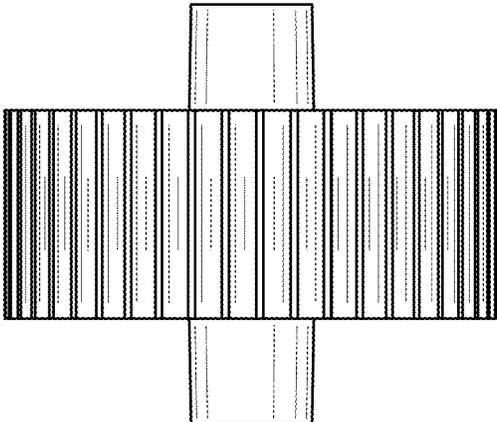


FIG. 3

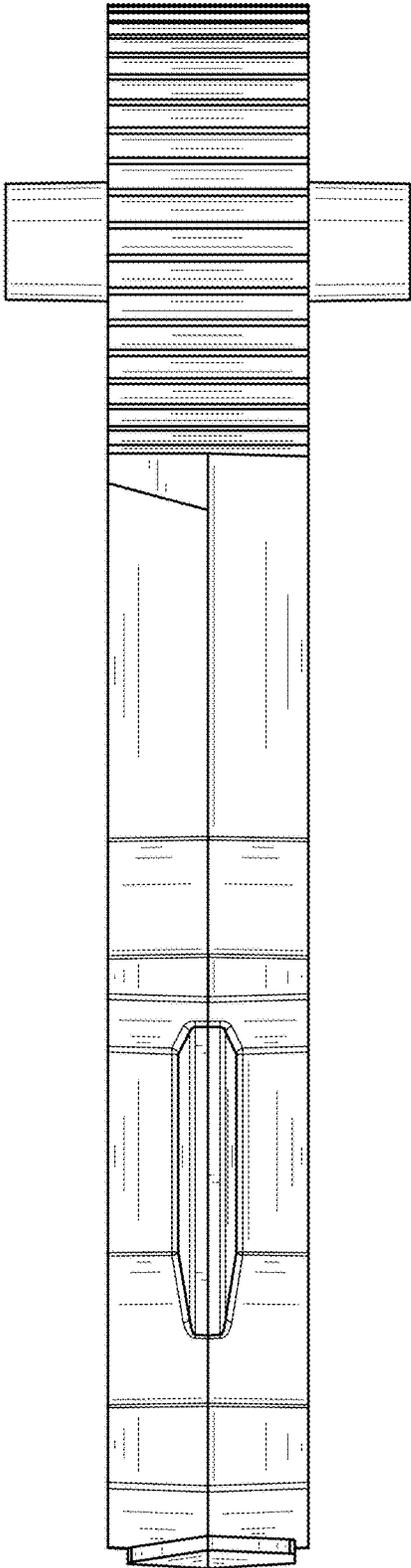


FIG. 4

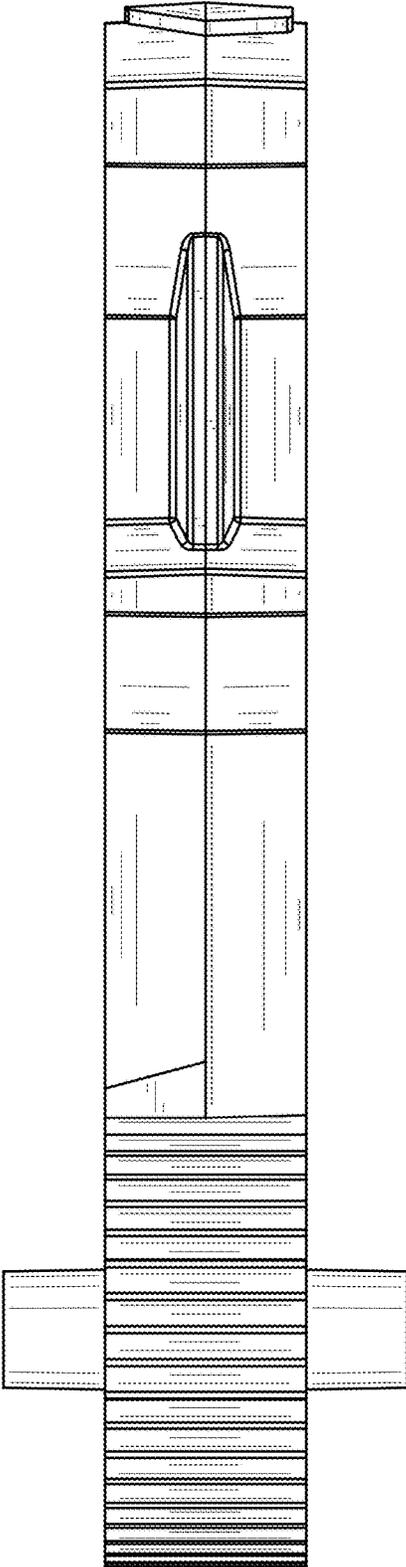


FIG. 5

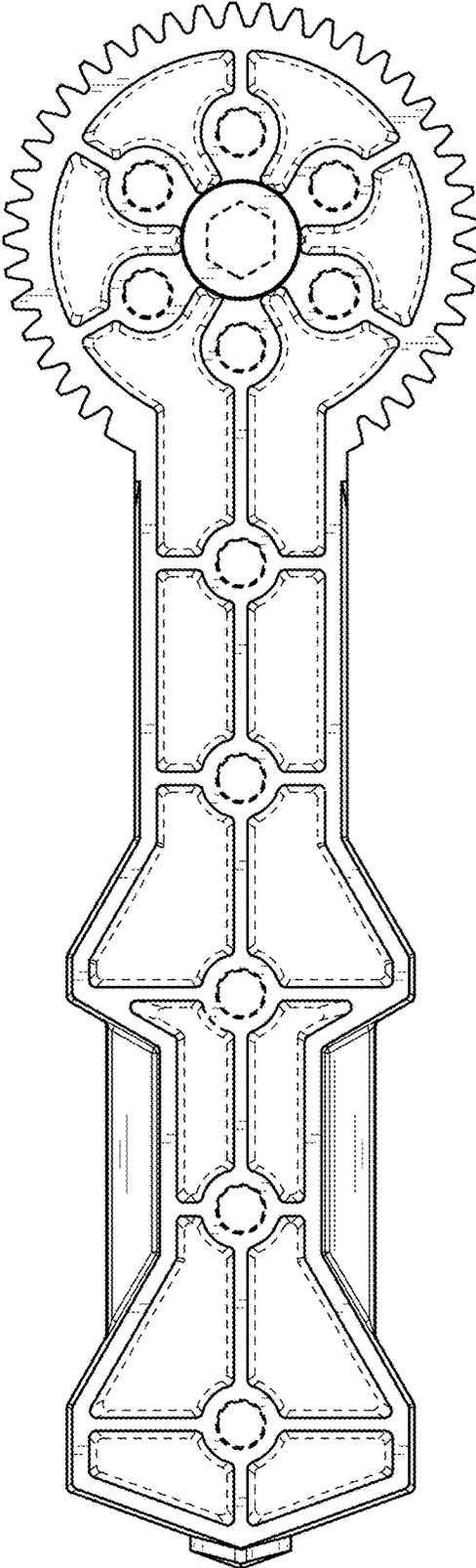


FIG. 6

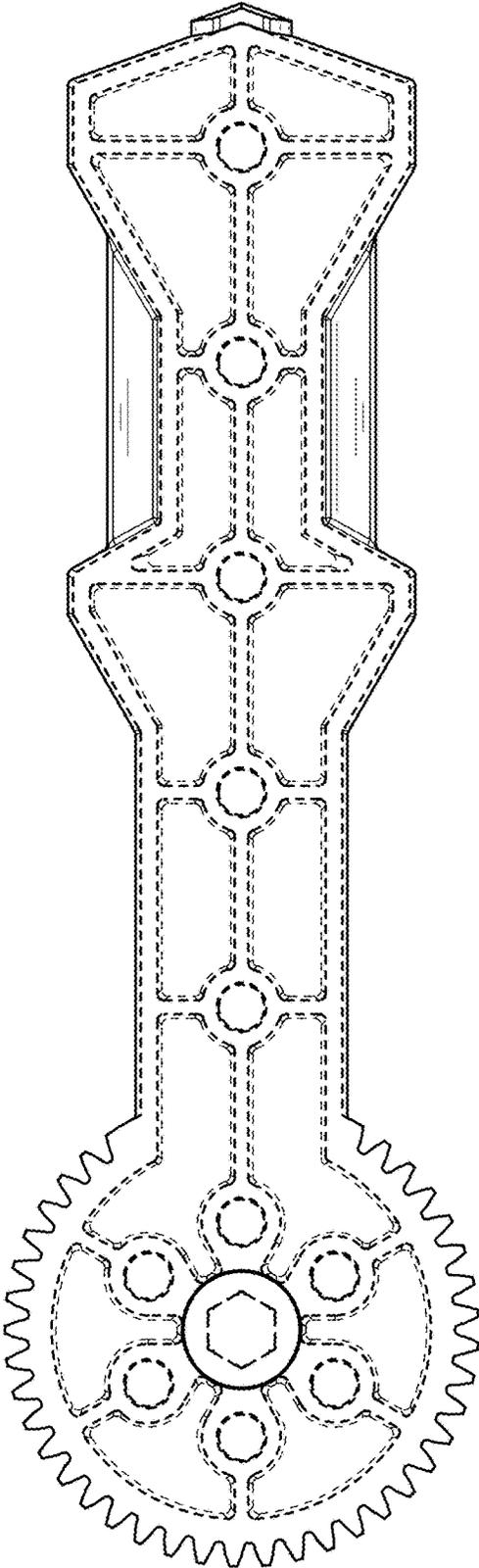


FIG. 7