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(12) **United States Design Patent** (10) **Patent No.: US D1,089,341 S**  
**Walgren et al.** (45) **Date of Patent: \*\* Aug. 19, 2025**

(54) **MICROTRENCHER BLADE**

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Perry, OK (US)

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(57) **CLAIM**

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

The ornamental design for a microtrencher blade, as shown  
and described.

(21) Appl. No.: **29/958,751**

**DESCRIPTION**

(22) Filed: **Aug. 21, 2024**

**Related U.S. Application Data**

(63) Continuation of application No. 29/799,850, filed on  
Jul. 16, 2021, now Pat. No. Des. 1,040,197.

(51) **LOC (15) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/139**

(58) **Field of Classification Search**  
USPC ..... D15/77, 133, 138, 139; D8/5, 8, 9, 20,  
D8/66

(Continued)

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KR 301017001.00 7/2019

**1 Claim, 7 Drawing Sheets**

FIG. 1 is a left side view of our microtrencher blade, the  
right side being a mirror image thereof.

FIG. 2 is a top front left side view thereof.

FIG. 3 is a back top right view thereof.

FIG. 4 is a front top right view thereof.

FIG. 5 is an edge view thereof.

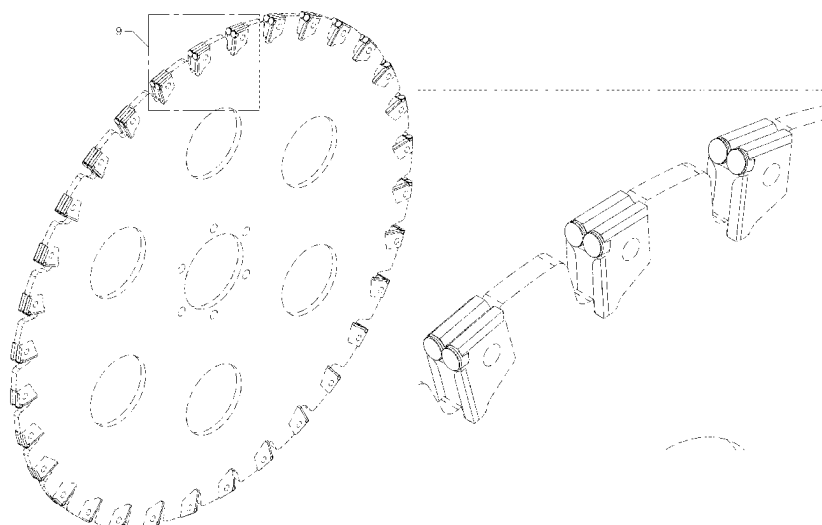
FIG. 6 is an expanded fragmentary edge view of the blade  
as shown in the call-out of FIG. 5.

FIG. 7 is an expanded fragmentary left side view of a tooth  
as shown in the call-out location of FIG. 1.

FIG. 8 is a close up right side view thereof; and,

FIG. 9 is an expanded fragmentary view of the call-out  
location shown in FIG. 2.

The broken line elements are included for the purposes of  
illustrating portions of the microtrencher blade and form no  
part of the claimed design. The line indicated by alternating  
dot-dash is a boundary line, the interior of which does not  
form any part of the claimed design. FIGS. 1, 2 and 5  
represent callout locations for the expanded fragmentary  
views shown therein, with the borders of the call-out loca-  
tions shown by lines of alternating lengths. Lines included  
with thin weight and which do not extend to any adjacent  
line are provided to show contour.



(58) **Field of Classification Search**

CPC ..... B26D 2001/0046; B26D 2001/006; B26D  
2001/0066; B23D 45/00; B23D 45/12;  
B23D 45/16; B23D 45/003; B23D 61/02;  
B23D 61/003; B23D 61/021; B23D  
61/023; B23D 61/025; B23D 61/04;  
B27B 3/30; B27B 3/28

See application file for complete search history.

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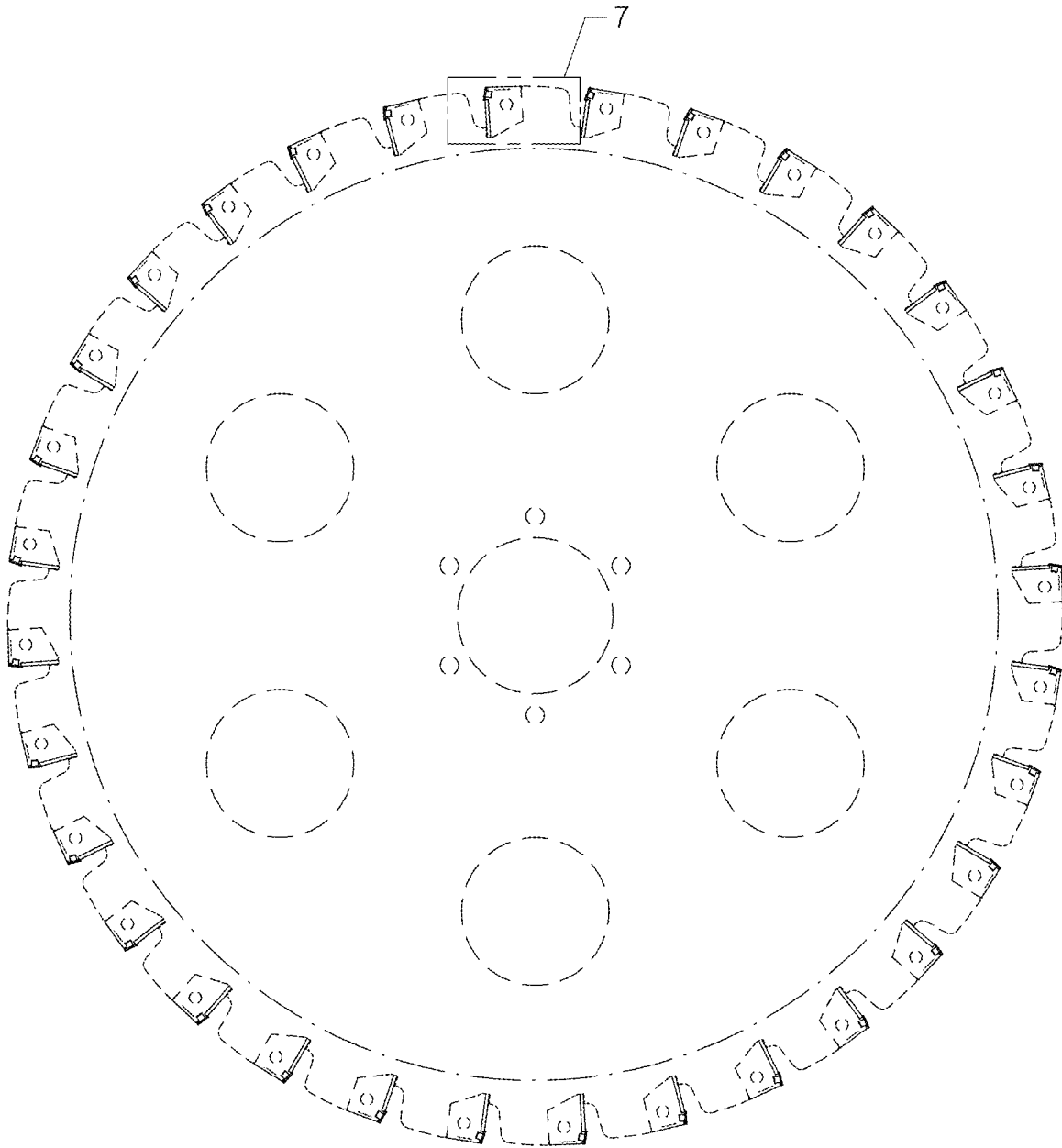


FIG. I

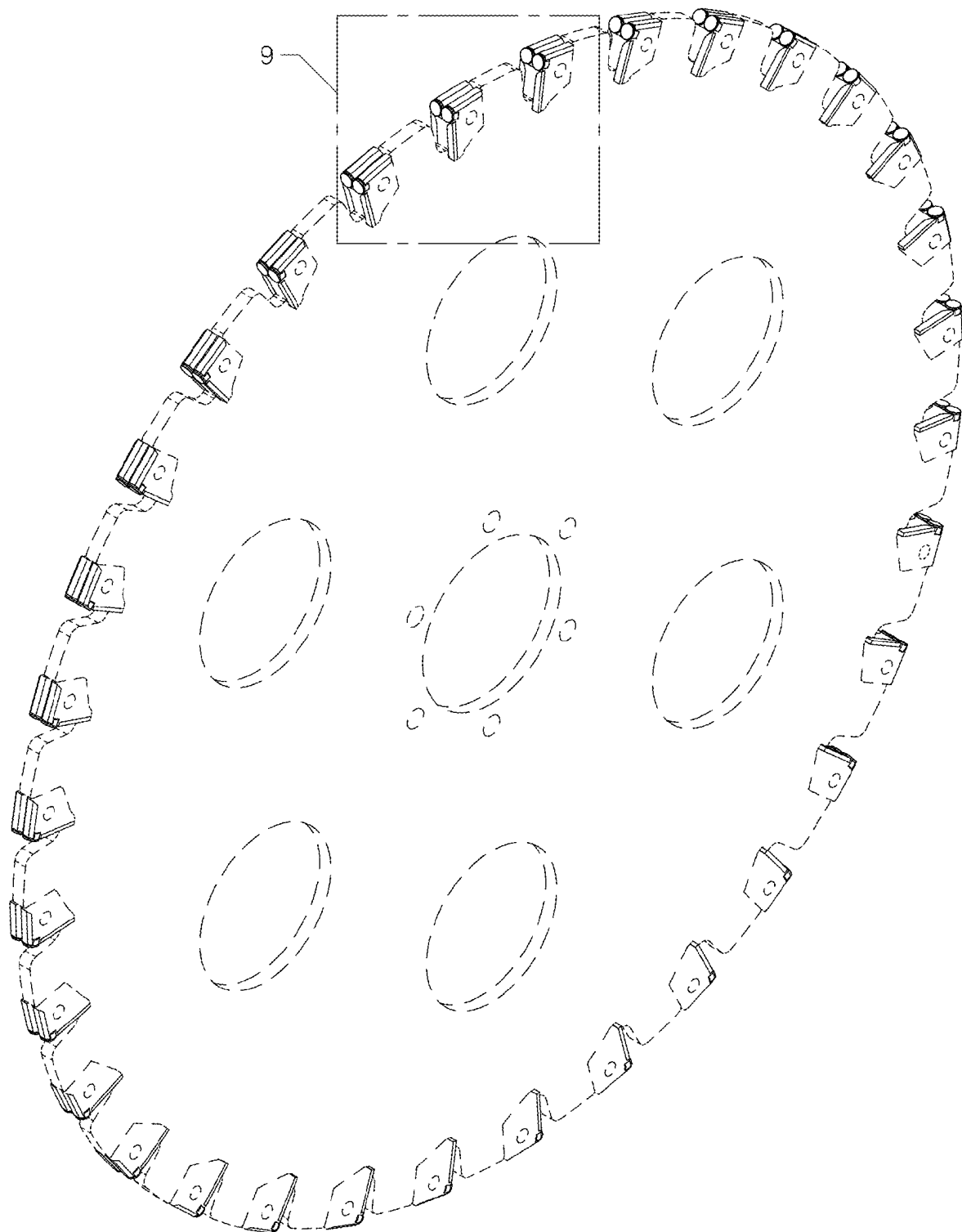


FIG. 2

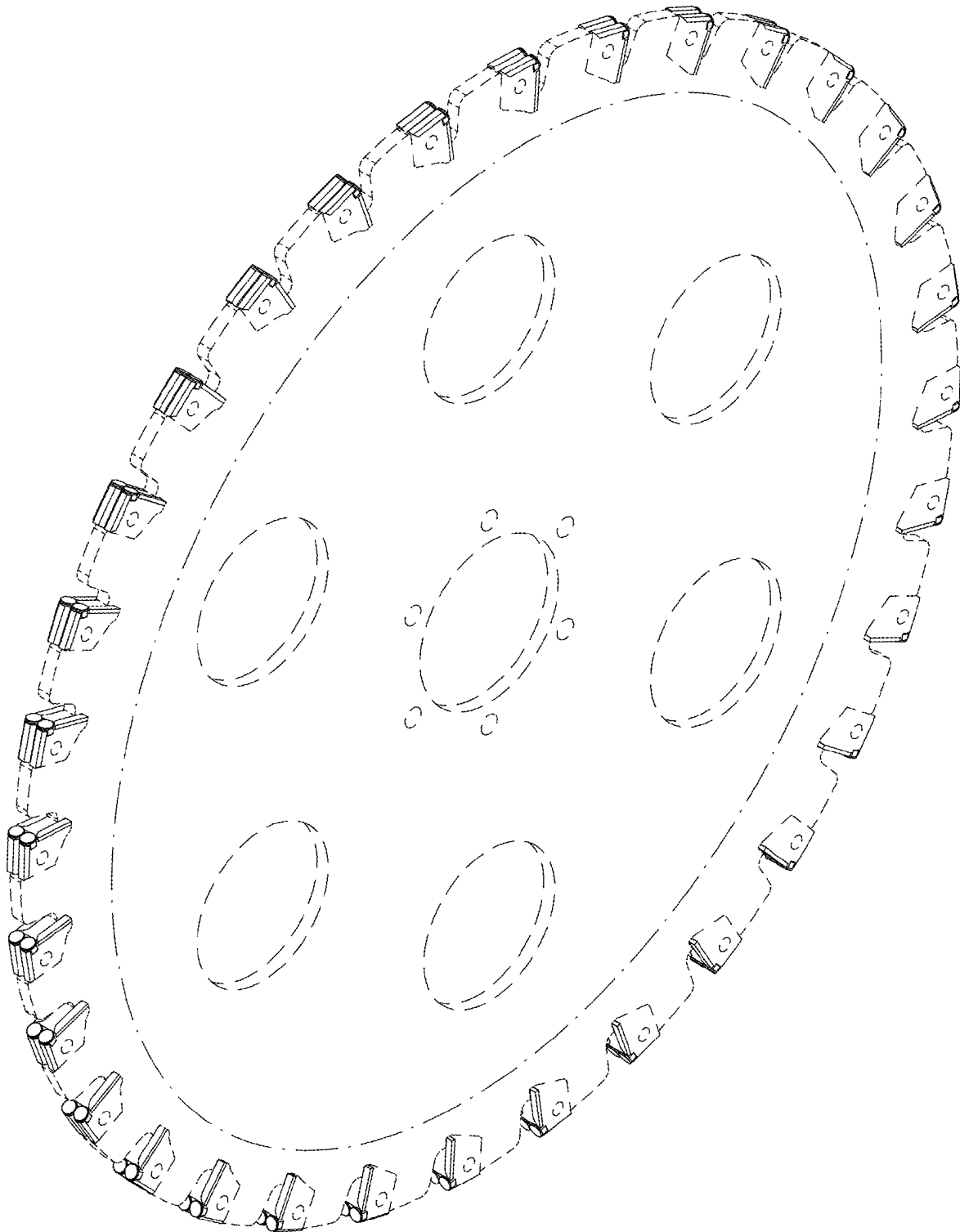


FIG. 3

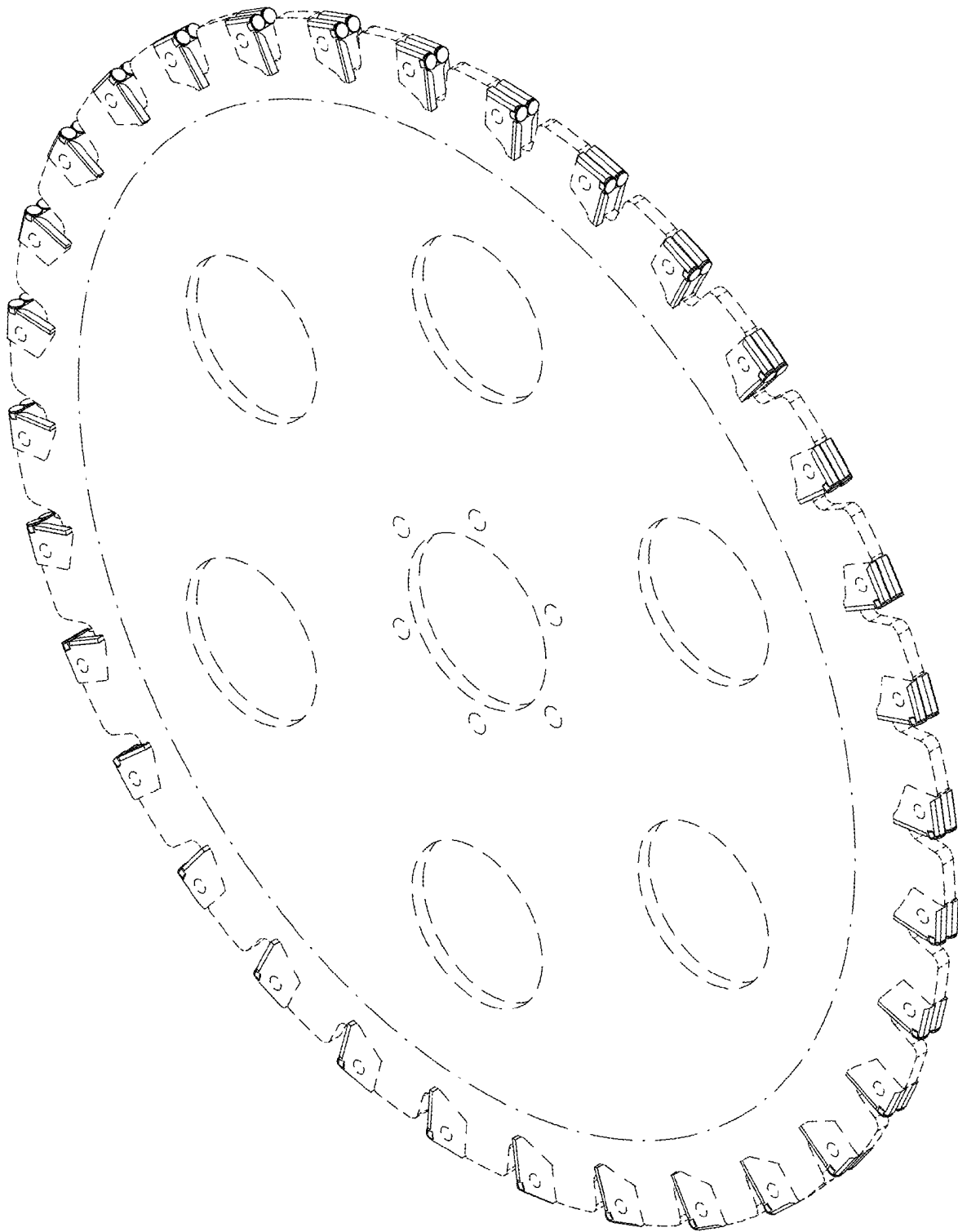


FIG. 4

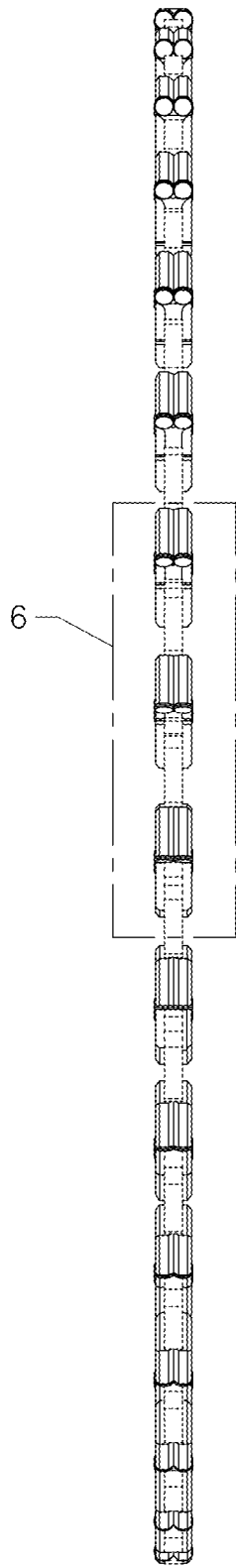


FIG. 5

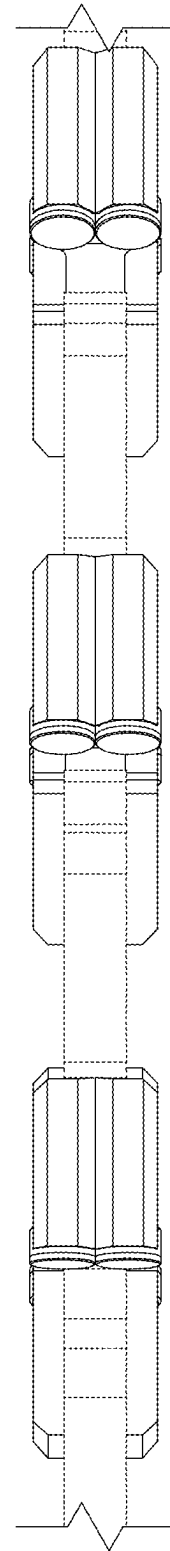


FIG. 6

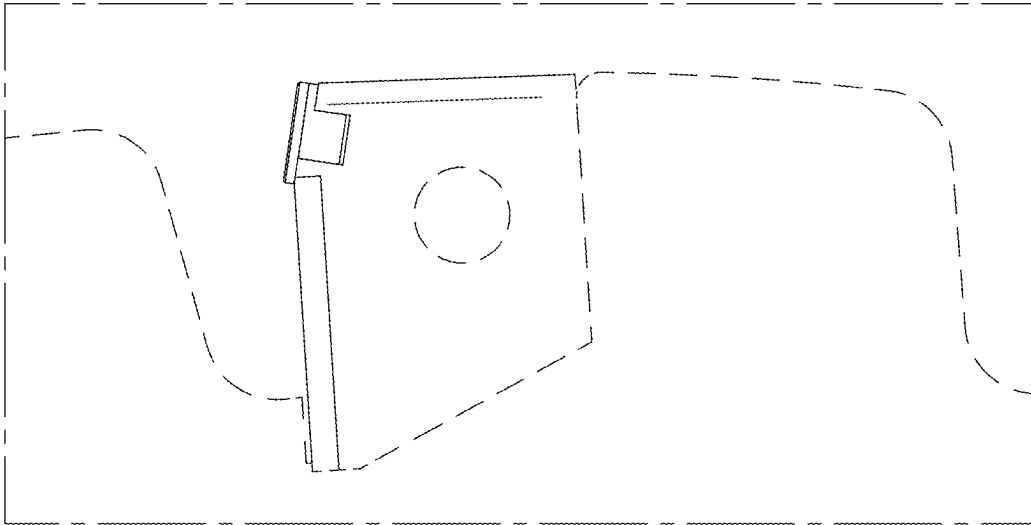


FIG. 7

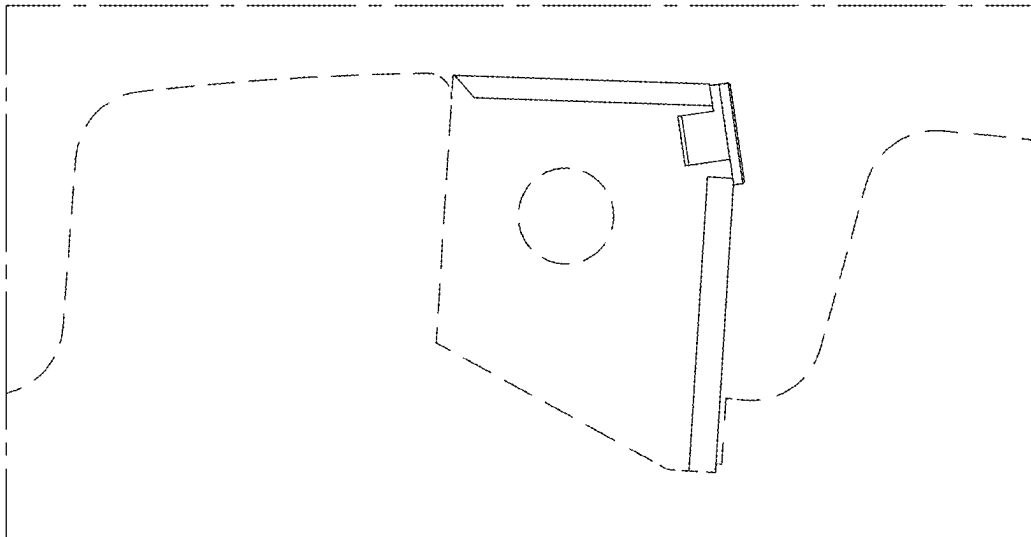


FIG. 8



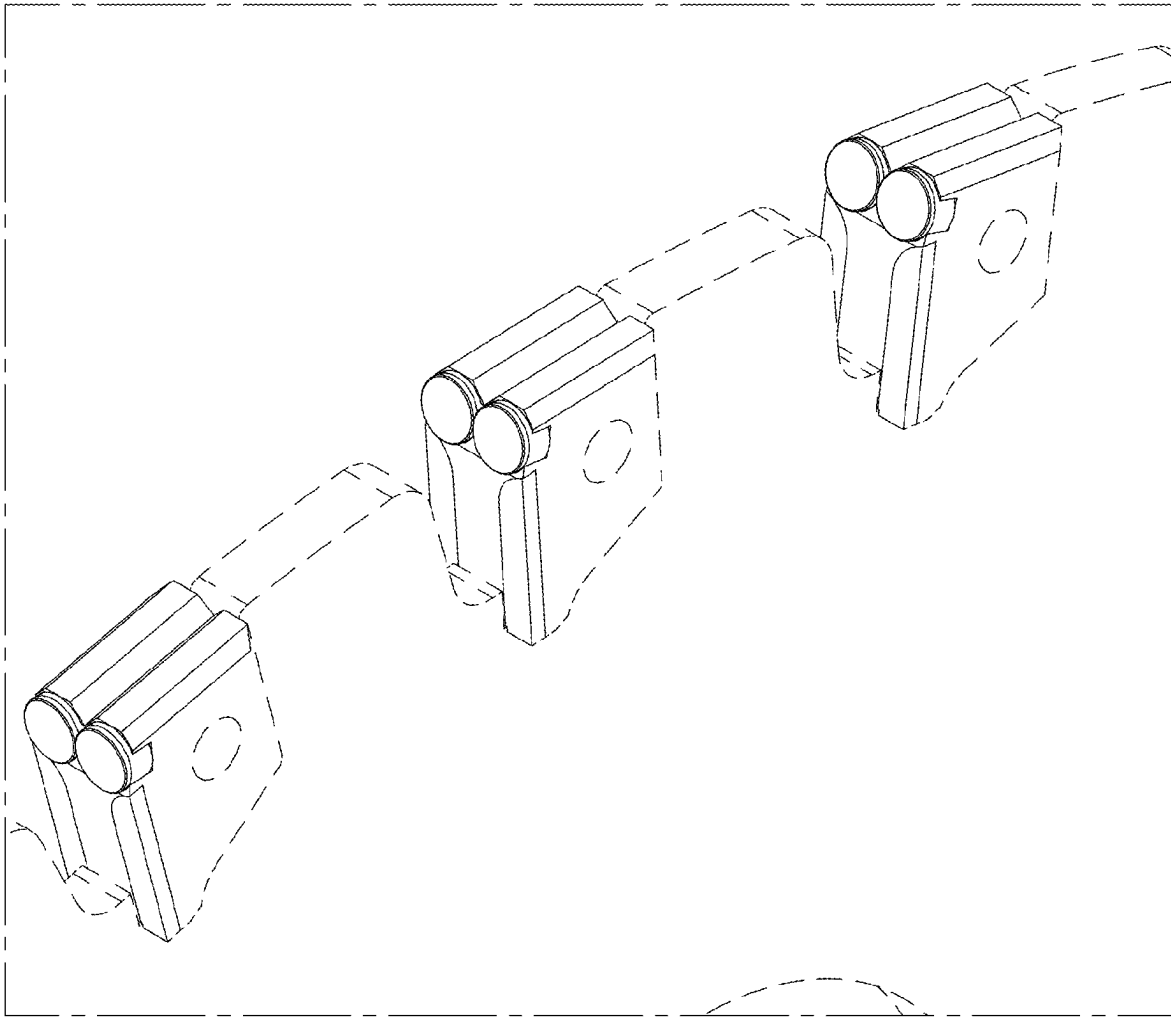


FIG. 9