



US00D978936S

(12) **United States Design Patent**  
**Mihaich**

(10) **Patent No.:** **US D978,936 S**  
(45) **Date of Patent:** **\*\* Feb. 21, 2023**

- (54) **FLOOR EDGER SANDING DISC**
- (71) Applicants: **SAINT-GOBAIN ABRASIVES, INC.**,  
Worcester, MA (US); **SAINT-GOBAIN**  
**ABRASIFS**, Conflans-Sainte-Honorine  
(FR)
- (72) Inventor: **Greg Mihaich**, Ballston Lake, NY (US)
- (73) Assignees: **SAINT-GOBAIN ABRASIVES, INC.**,  
Worcester, MA (US); **SAINT-GOBAIN**  
**ABRASIFS**, Conflans-Sainte-Honorine  
(FR)

- D382,452 S \* 8/1997 Murkowski ..... D15/139
- 6,312,325 B1 11/2001 Van Osenbruggen
- D508,060 S \* 8/2005 Olsen ..... D15/126
- D528,407 S \* 9/2006 Schwab ..... D8/399
- D555,681 S \* 11/2007 Popov ..... D15/126
- D609,552 S \* 2/2010 Anderson ..... D8/349
- D651,062 S \* 12/2011 Wackwitz ..... D8/70
- D677,546 S \* 3/2013 Zhou ..... D8/70
- 8,529,319 B2 9/2013 Gaspich et al.
- D690,961 S \* 10/2013 Chou ..... D6/580
- D692,747 S \* 11/2013 Schwab ..... D8/399

(Continued)

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

- EP 1679152 A1 \* 7/2006 ..... B24D 7/14
- EP 1679157 A1 \* 7/2006 ..... B24B 7/186

(21) Appl. No.: **29/739,410**

**OTHER PUBLICATIONS**

(22) Filed: **Jun. 25, 2020**

<https://www.amazon.com/Bosch-GS736-Arbor-Abrasive-Sanding/dp/B001DGYME0> Retrieved Oct. 21, 2020, 5 pages.

(51) **LOC (14) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/126**

(58) **Field of Classification Search**  
USPC .... D8/14, 16, 19, 20, 70, 98; D15/124, 126,  
D15/138, 139  
CPC ..... B24B 7/186; B24B 23/02  
See application file for complete search history.

(Continued)

*Primary Examiner* — Patricia A Palasik  
(74) *Attorney, Agent, or Firm* — Abel Schillinger, LLP;  
Joseph P. Sullivan

(56) **References Cited**

(57) **CLAIM**

The ornamental design for a floor edger sanding disc, as shown and described.

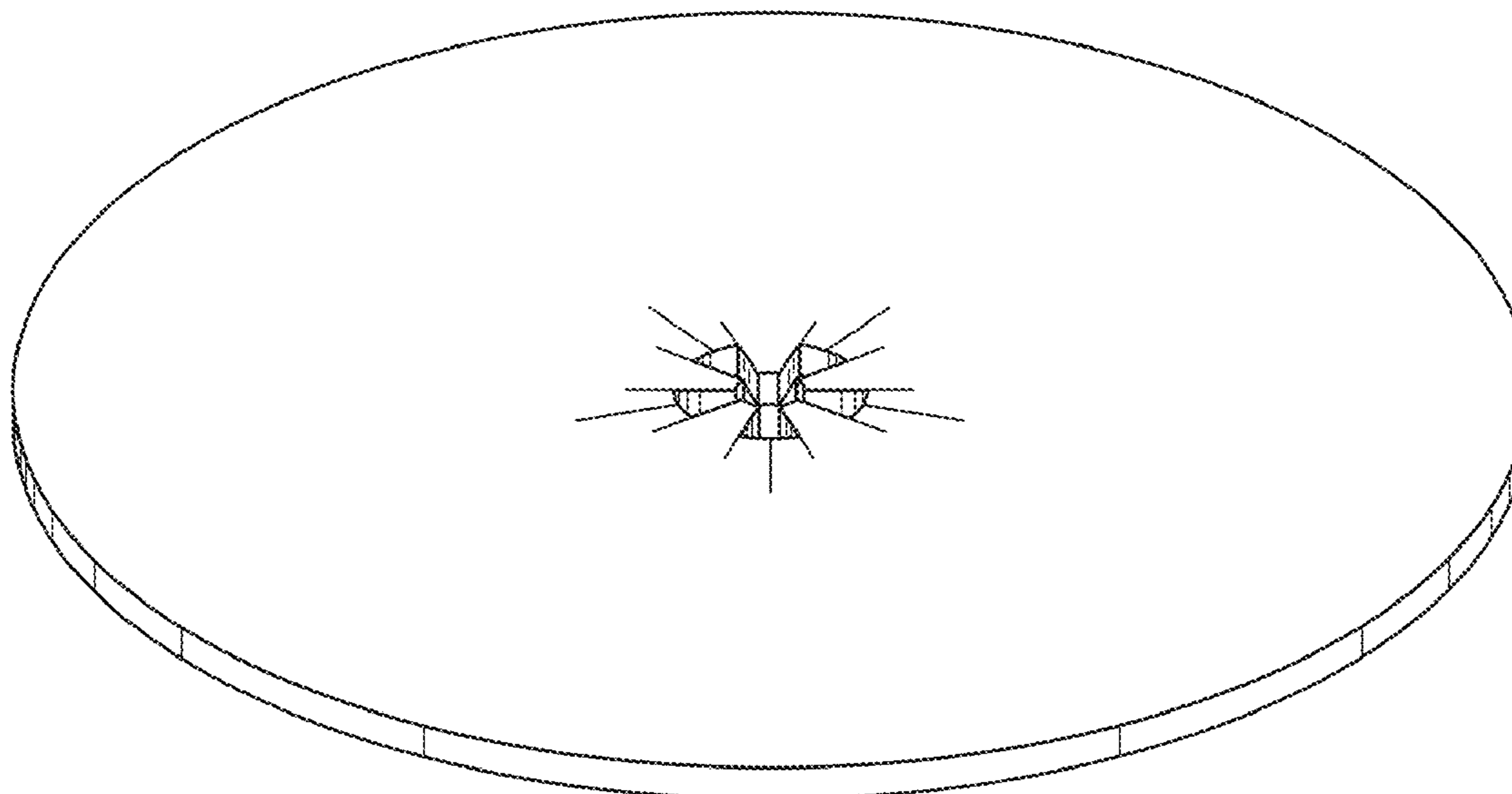
**U.S. PATENT DOCUMENTS**

**DESCRIPTION**

- 3,796,124 A \* 3/1974 Crosa ..... F16B 21/20  
411/521
- 4,730,952 A \* 3/1988 Wiley ..... B24B 45/006  
30/388
- 4,775,273 A \* 10/1988 Bauer ..... F16B 2/205  
403/377
- 5,048,366 A \* 9/1991 Spanio ..... F16H 53/02  
74/567
- 5,163,797 A \* 11/1992 Patti ..... B60B 7/00  
411/372.6
- D342,883 S \* 1/1994 Brandenburg, Jr. .... D8/70

FIG. 1 is a perspective view of a floor edger sanding disc according to the present design.  
FIG. 2 is a top view of the floor edger sanding disc.  
FIG. 3 is a back view of the floor edger sanding disc; and,  
FIG. 4 is a side view of the floor edger sanding disc.  
The broken lines in the figures depict portions of the floor edger sanding disc that form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



(56)

**References Cited**

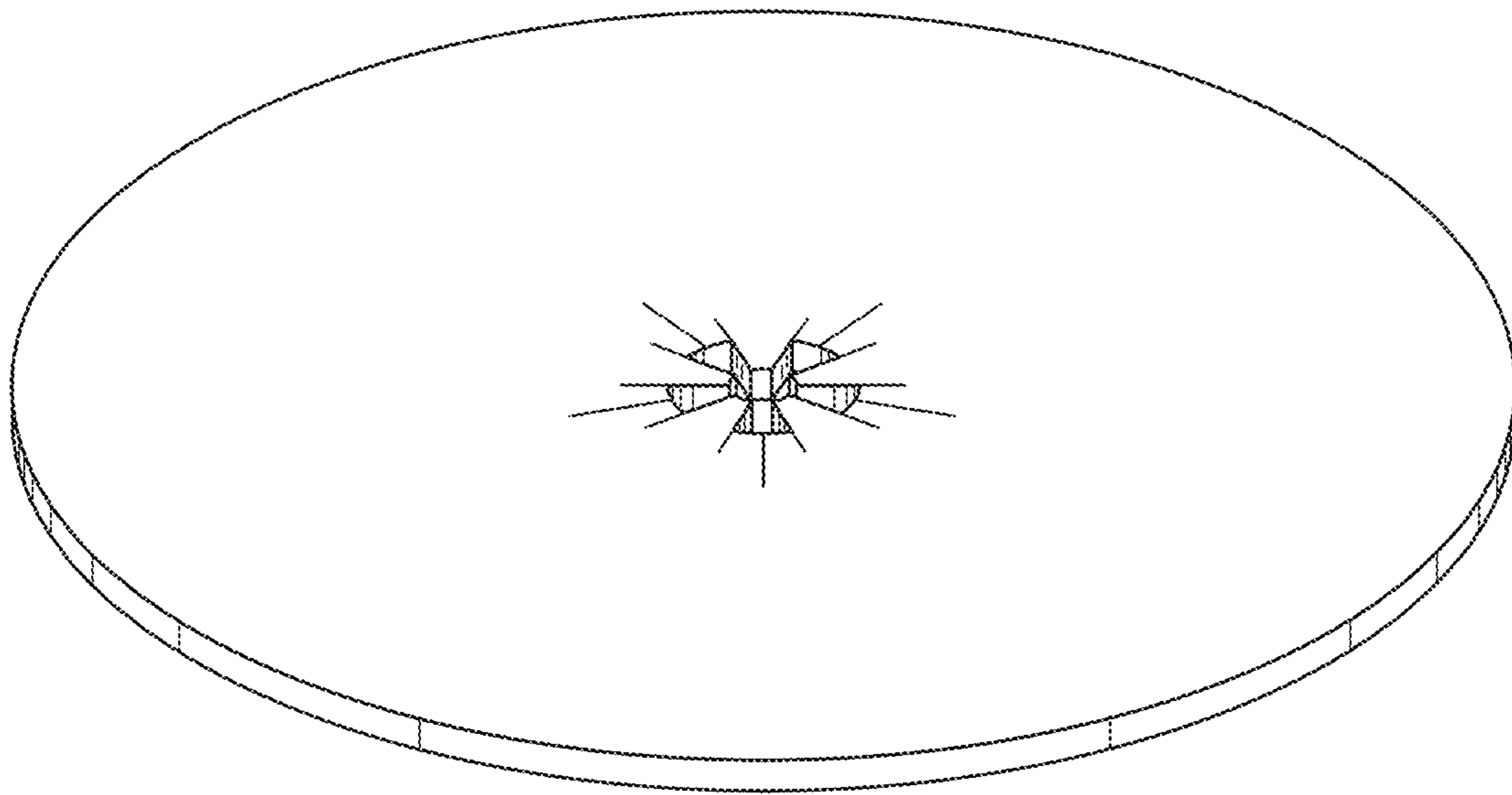
U.S. PATENT DOCUMENTS

D697,774 S \* 1/2014 Bozic ..... D8/70  
D697,778 S \* 1/2014 Bozic ..... D8/70  
D741,925 S \* 10/2015 Flegel ..... D15/139  
D744,800 S \* 12/2015 Cooksey ..... D8/70  
D839,699 S \* 2/2019 Luescher ..... D8/20  
10,424,854 B2 \* 9/2019 Muller ..... H01R 13/40  
2005/0085174 A1 4/2005 Yanase

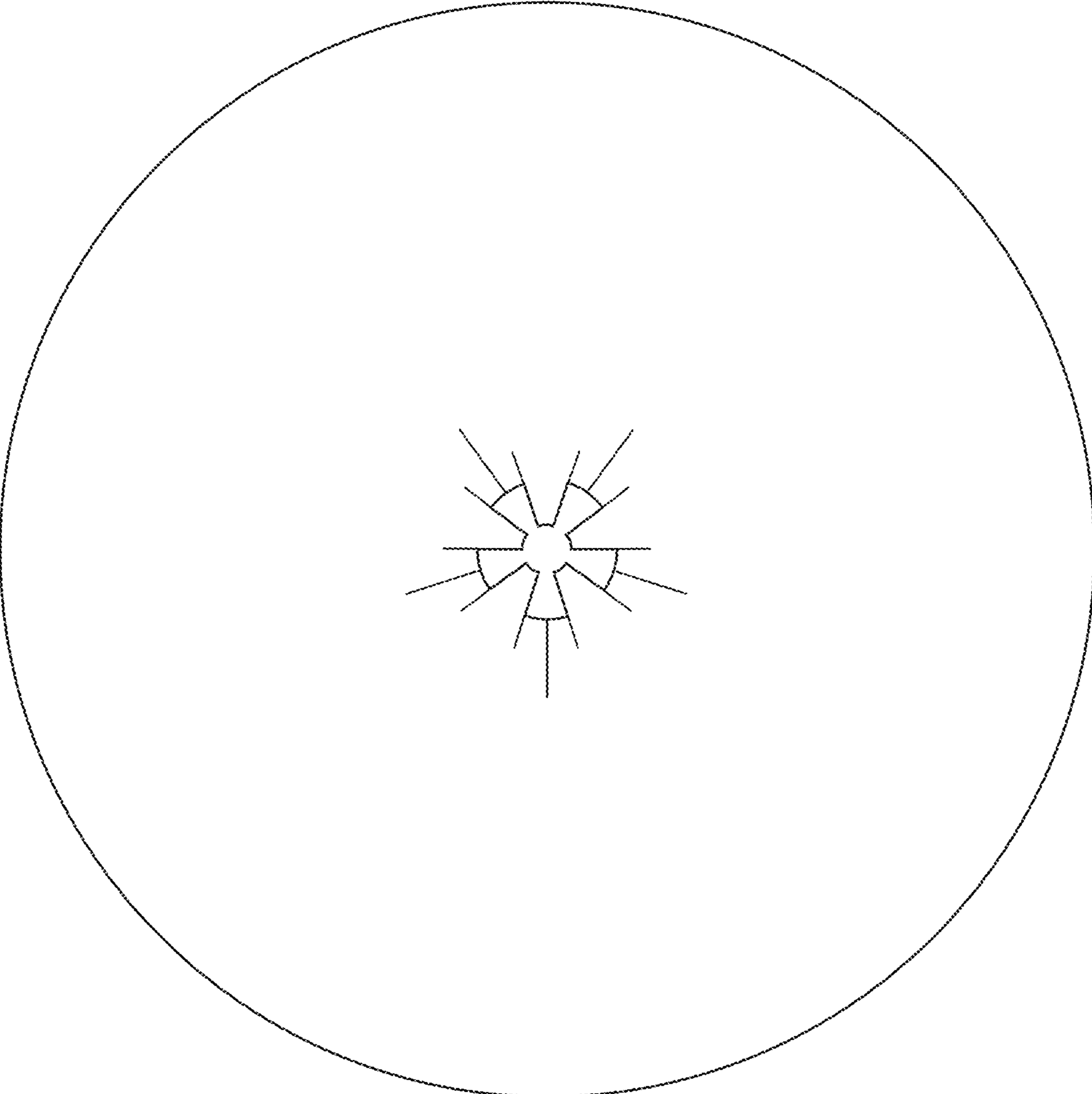
OTHER PUBLICATIONS

<https://www.amazon.co.uk/Virginia-Abrasives-007-16220-Sanding-Diameter/dp/B001CEE4NM> Retrieved Oct. 21, 2020, 3 pages.

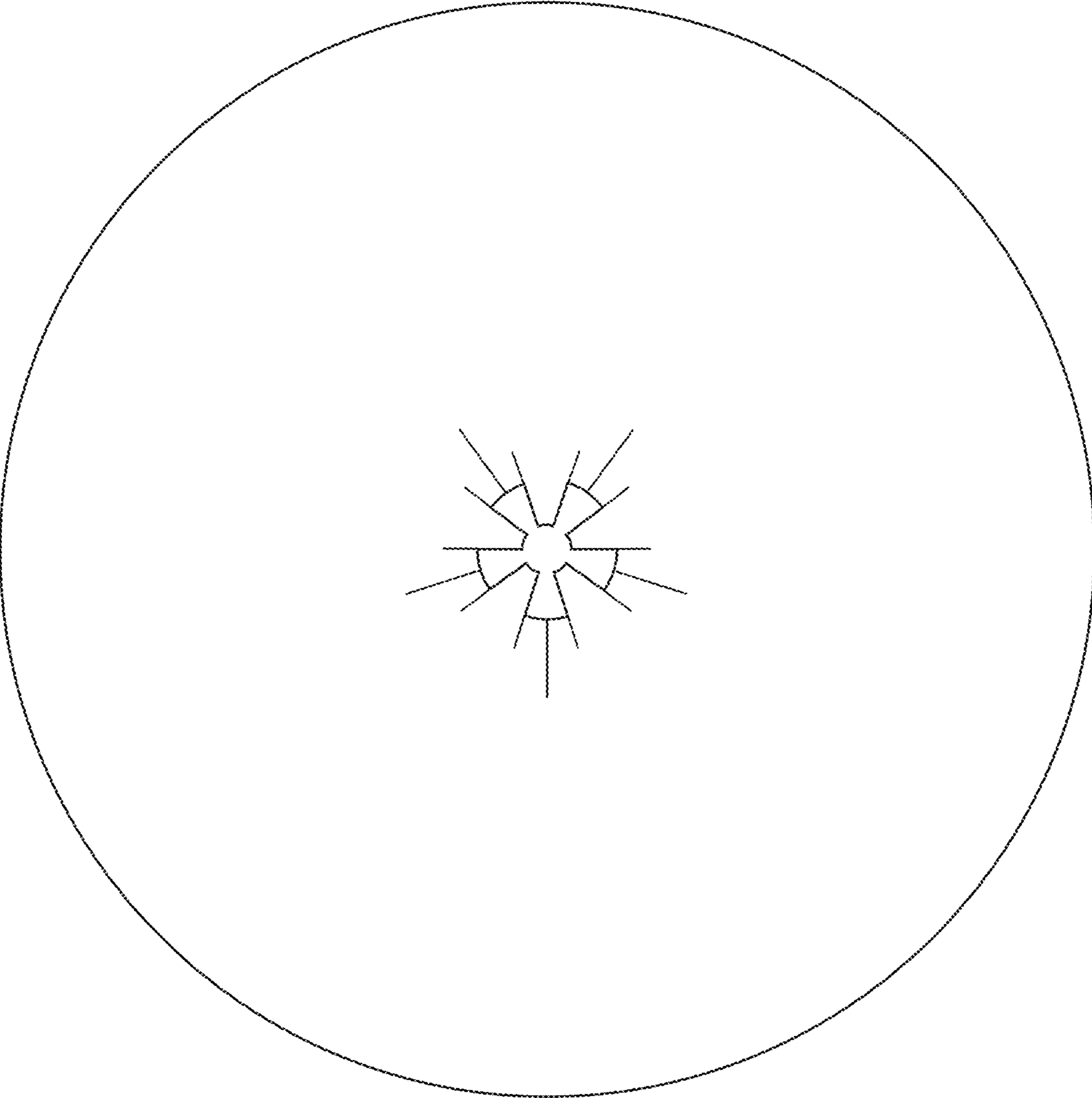
\* cited by examiner



*FIG. 1*



*FIG. 2*



*FIG. 3*



*FIG. 4*