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(12) **United States Design Patent** (10) **Patent No.:** **US D953,394 S**
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(54) **CUTTING INSERT**
(71) Applicant: **Korloy Inc.**, Seoul (KR)
(72) Inventors: **Byung Hoon Min**, Cheongju-si (KR);
Hyo San Kim, Cheongju-si (KR);
Young Heum Kim, Cheongju-si (KR);
Nam Jun Park, Cheongju-si (KR)

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(52) **U.S. Cl.**
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CPC **B23C 5/207 (2013.01)**

(58) **Field of Classification Search**
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CPC B23C 2200/0494; B23C 2200/086; B23C
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B23C 5/06; B23C 5/207; B23C 2200/367;
B23C 2200/0422; B23B 27/007; B23B
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D304,949 S * 12/1989 Niebauer D15/139
D305,239 S * 12/1989 Niebauer D15/139
5,145,295 A * 9/1992 Satran B23C 5/2213
407/113
5,207,538 A * 5/1993 Satran B23C 5/2213
407/113

D342,269 S * 12/1993 Arai D15/139
D344,276 S * 2/1994 Markusson D15/139
D345,984 S * 4/1994 Ishikawa D15/139
D345,985 S * 4/1994 Ishikawa D15/139
D348,891 S * 7/1994 Markusson D15/139
D355,661 S * 2/1995 Hessman D15/139
D357,692 S * 4/1995 Ishikawa D15/139
D376,158 S * 12/1996 Hessman D15/139
D381,026 S * 7/1997 Hessman D15/139
D409,633 S * 5/1999 Bernadic D15/139
D422,608 S * 4/2000 Malaker D15/139
D425,086 S * 5/2000 Bernadic D15/139
D488,175 S * 4/2004 Kasperik D15/139
7,168,512 B2 * 1/2007 Schuffenhauer B23C 5/207
175/426
D585,467 S * 1/2009 Takanashi D15/139
D589,542 S * 3/2009 Takanashi D15/139
D794,103 S * 8/2017 Jeong D15/139
D805,566 S * 12/2017 Oh D15/139
D816,133 S * 4/2018 Mura D15/139
D816,134 S * 4/2018 Mura D15/139
D826,664 S * 8/2018 Matsubara D8/20
D828,414 S * 9/2018 Takahashi D15/139
D837,847 S * 1/2019 Min D15/139
D845,361 S * 4/2019 Komiyama D15/139
D853,456 S * 7/2019 Aizawa D15/138
D854,592 S * 7/2019 Matsuda D15/139

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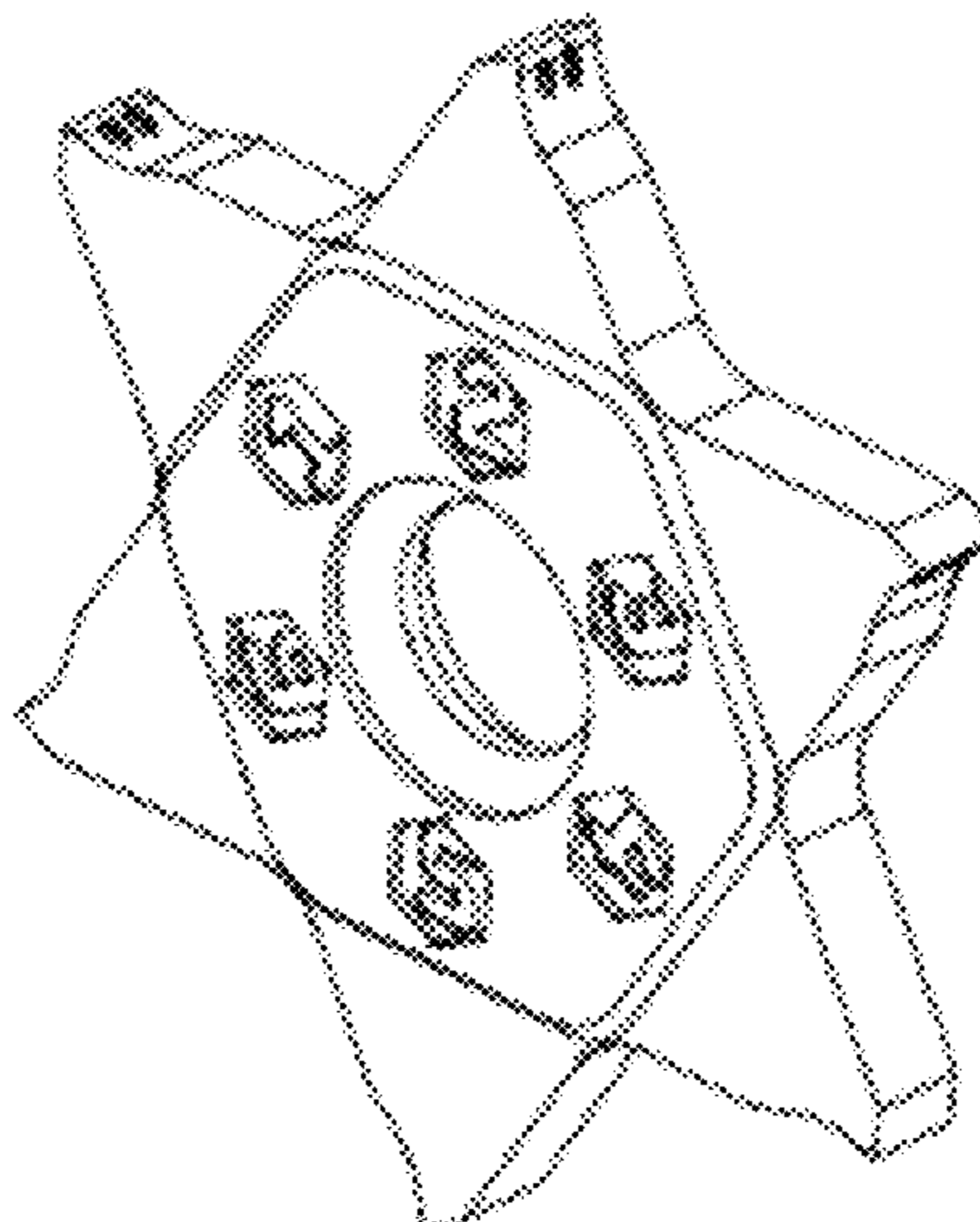
(57) **CLAIM**

The ornamental design for a cutting insert, as shown and described.

DESCRIPTION

- 1. Cutting insert
- 1.1 : Perspective
- 1.2 : Front
- 1.3 : Back
- 1.4 : Top
- 1.5 : Bottom
- 1.6 : Left
- 1.7 : Right

1 Claim, 7 Drawing Sheets



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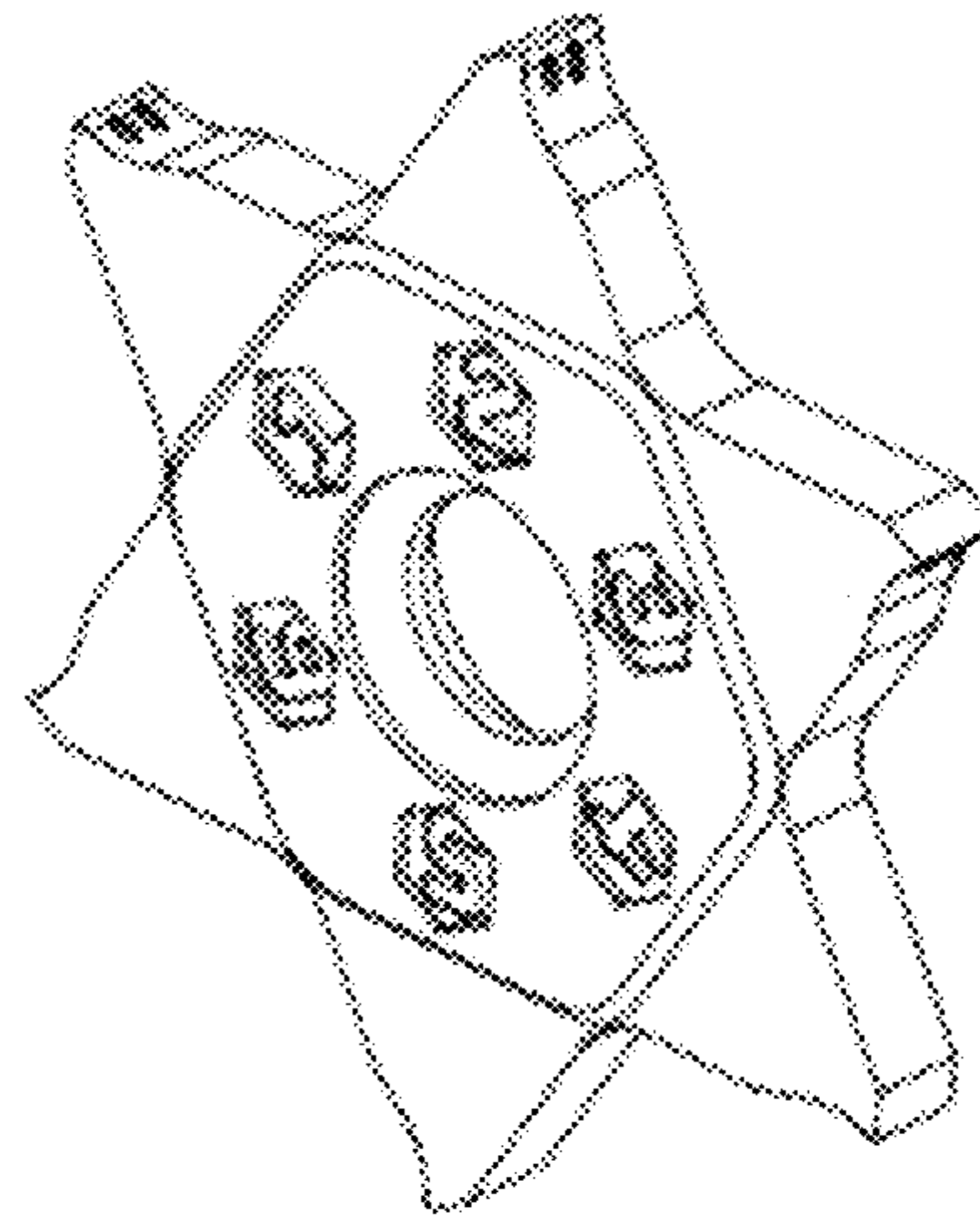
References Cited

U.S. PATENT DOCUMENTS

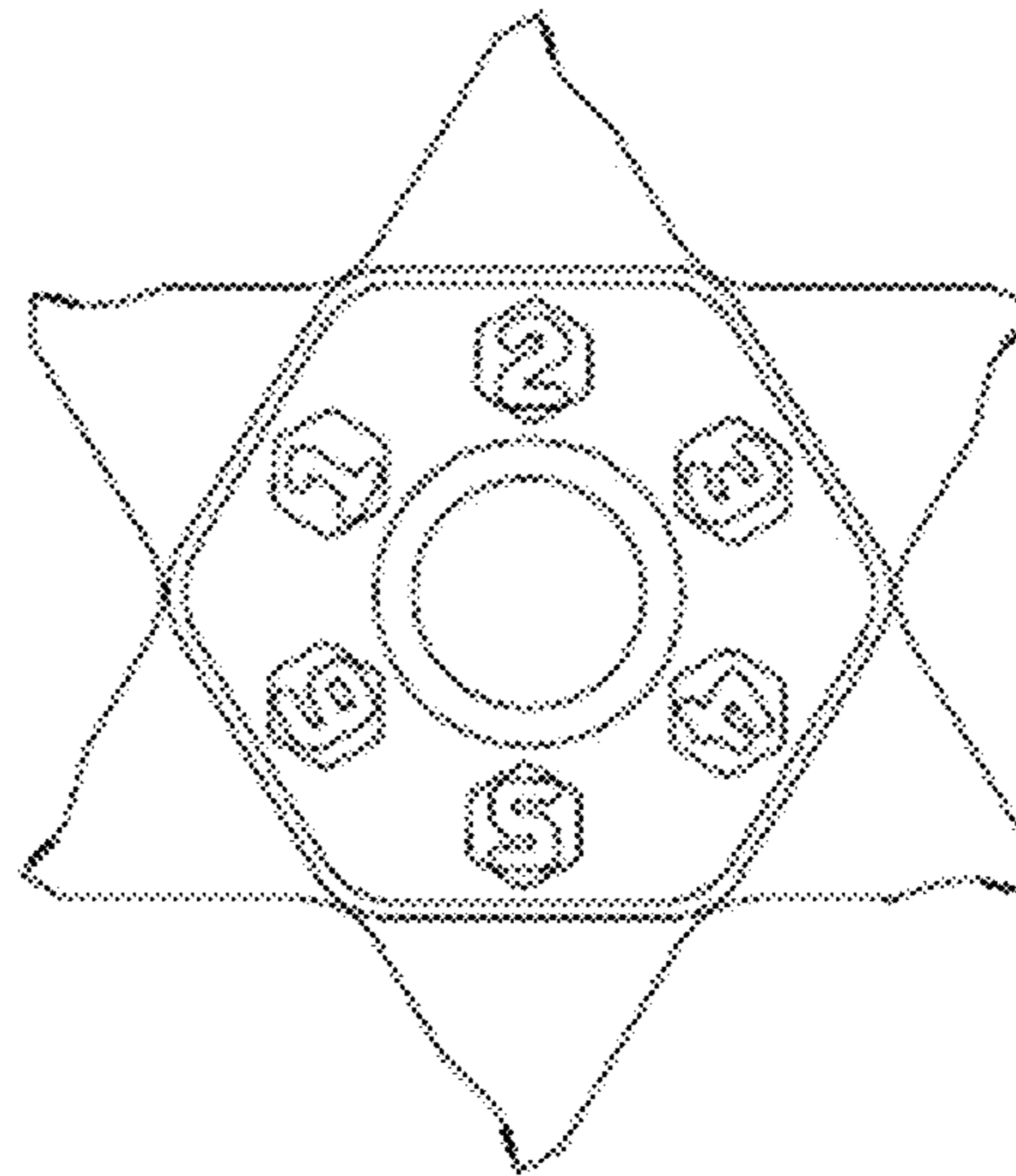
D872,784 S * 1/2020 Inagaki D15/139
D879,168 S * 3/2020 Zhao D15/139
D898,085 S * 10/2020 Kim D15/139
2015/0202697 A1* 7/2015 Shiota B23C 5/109
407/42
2015/0246398 A1* 9/2015 Kawasaki B23B 27/141
408/231

* cited by examiner

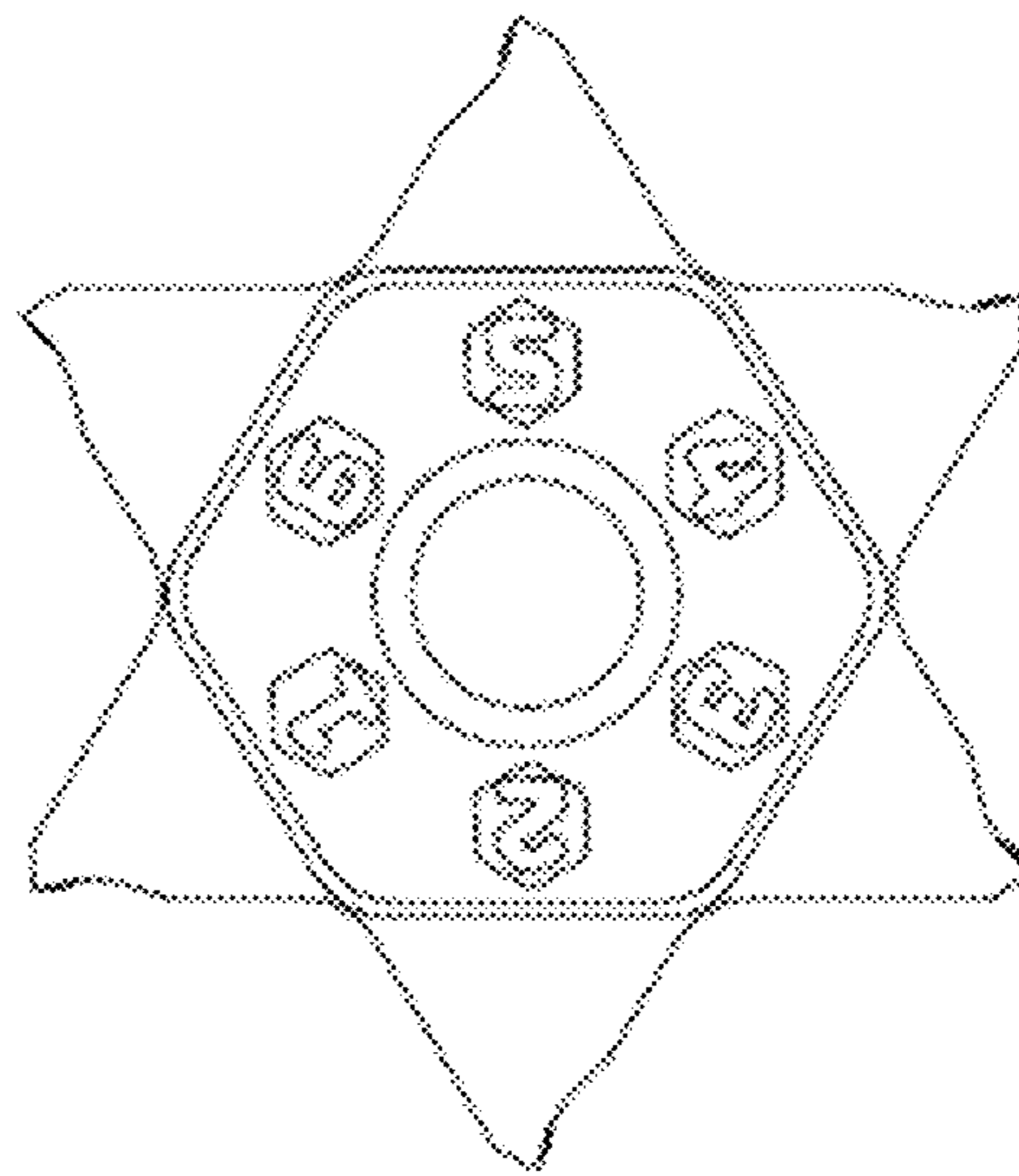
1.1



1.2



1.3



1.4



1.5



1.6



1.7

