US0D1031801S

(12) United States Design Patent

Harada et al.

(10) Patent No.: US D1,031,801 S
(45) Date of Patent: ** Jun. 18, 2024

(54) **CUTTING TOOL**

(71) Applicant: **SUMITOMO ELECTRIC HARDMETAL CORP.**, Itami (JP)

(72) Inventors: **Takashi Harada**, Itami (JP); **Satoru Kukino**, Itami (JP); **Taisuke Higashi**, Itami (JP); **Naoki Watanobe**, Itami (JP); **Mayuka Segawa**, Itami (JP)

(73) Assignee: **SUMITOMO ELECTRIC HARDMETAL CORP.**, Itami (JP)

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

(21) Appl. No.: **29/801,488**

(22) Filed: **Jul. 29, 2021**

(30) **Foreign Application Priority Data**

Jan. 29, 2021 (JP) ..... 2021-002053 D
Jan. 29, 2021 (JP) ..... 2021-002054 D

(51) **LOC (14) Cl.** **15-09**
(52) **U.S. Cl.**
USPC **D15/139**
(58) **Field of Classification Search**
USPC D8/86, 98; D15/132, 139
CPC E21B 10/02; E21B 10/48; E21B 10/605; Y10T 408/895; B23C 5/02; B23C 5/04; B23C 5/06; B23C 5/10; B23C 2200/04; B23C 2200/0416; B23C 2200/045; B23C 2200/0438; B23C 2200/0494; B23C 2200/12; B23C 2210/02; B23C 2210/084; B23C 2210/201; B23C 2210/50
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D693,861 S * 11/2013 Sato D15/139
D753,737 S * 4/2016 Zeiner D15/139
D807,934 S * 1/2018 Abe D15/138
D812,116 S * 3/2018 Choi D15/139
D814,536 S * 4/2018 Kawakami D15/139
D815,672 S * 4/2018 Shikama D15/139
D831,084 S * 10/2018 Abe D15/139
D846,609 S * 4/2019 Abe D15/139
D872,143 S * 1/2020 Wiand D15/139
D874,899 S * 2/2020 Lin D15/139
D878,438 S * 3/2020 Bono D24/146
D881,957 S * 4/2020 Wang D15/139
D894,979 S * 9/2020 Corona D15/139
D900,893 S * 11/2020 English D15/139
D905,141 S * 12/2020 Min D15/139
D917,589 S * 4/2021 Lin D15/139
D920,401 S * 5/2021 Congdon D15/139
D921,722 S * 6/2021 Corbit D15/139
(Continued)

Primary Examiner — Calvin E Vansant
Assistant Examiner — Mark T. Philipps
(74) *Attorney, Agent, or Firm* — XSENSUS LLP

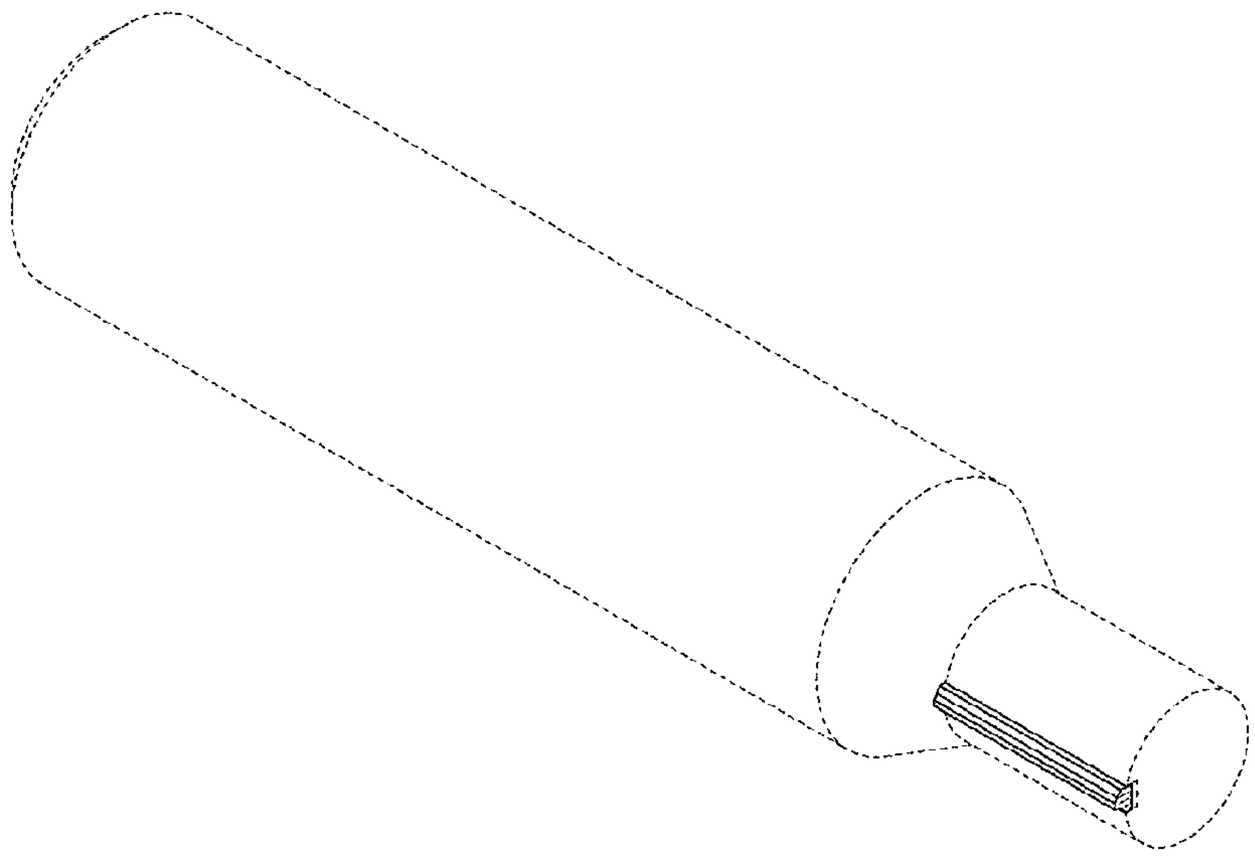
(57) **CLAIM**

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

DESCRIPTION

FIG. **1** is a front elevational view of a cutting tool in accordance with the present design;
FIG. **2** is a rear elevational view thereof;
FIG. **3** is a right side elevational view thereof;
FIG. **4** is a left side elevational view thereof;
FIG. **5** is a top plan view thereof;
FIG. **6** is a bottom plan view thereof;
FIG. **7** is a first perspective view thereof; and
FIG. **8** is a second perspective view thereof; and,
FIG. **9** shows the cutting tool in an environment of use thereof.
The broken lines shown in the drawings represent portions of the cutting tool that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D936,118	S	*	11/2021	Wang	D15/139
D958,856	S	*	7/2022	Kim	D15/139
D969,890	S	*	11/2022	Mills	D15/139
D971,280	S	*	11/2022	Su	D15/139
D977,540	S	*	2/2023	Nohara	D15/139
2019/0262914	A1	*	8/2019	Osawa	B23C 5/109

* cited by examiner

FIG.1

FIG.2

FIG.3

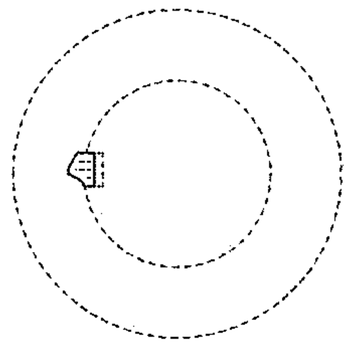


FIG.4

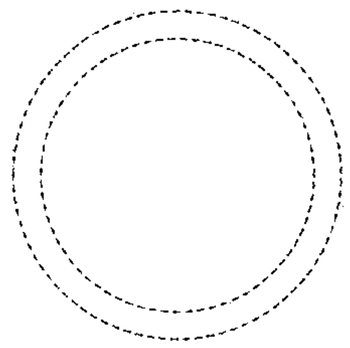


FIG.5

FIG.6

FIG.7

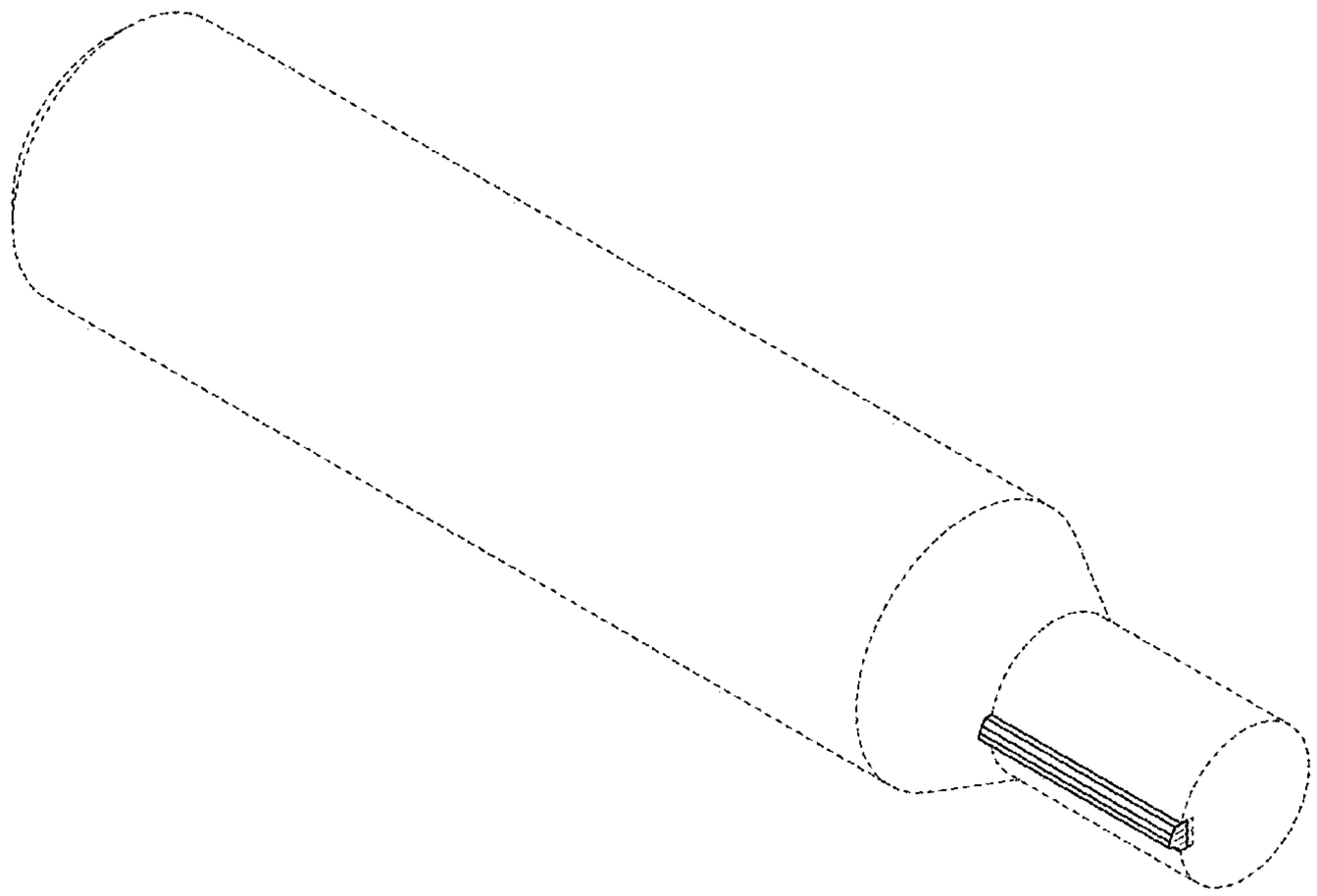


FIG.8

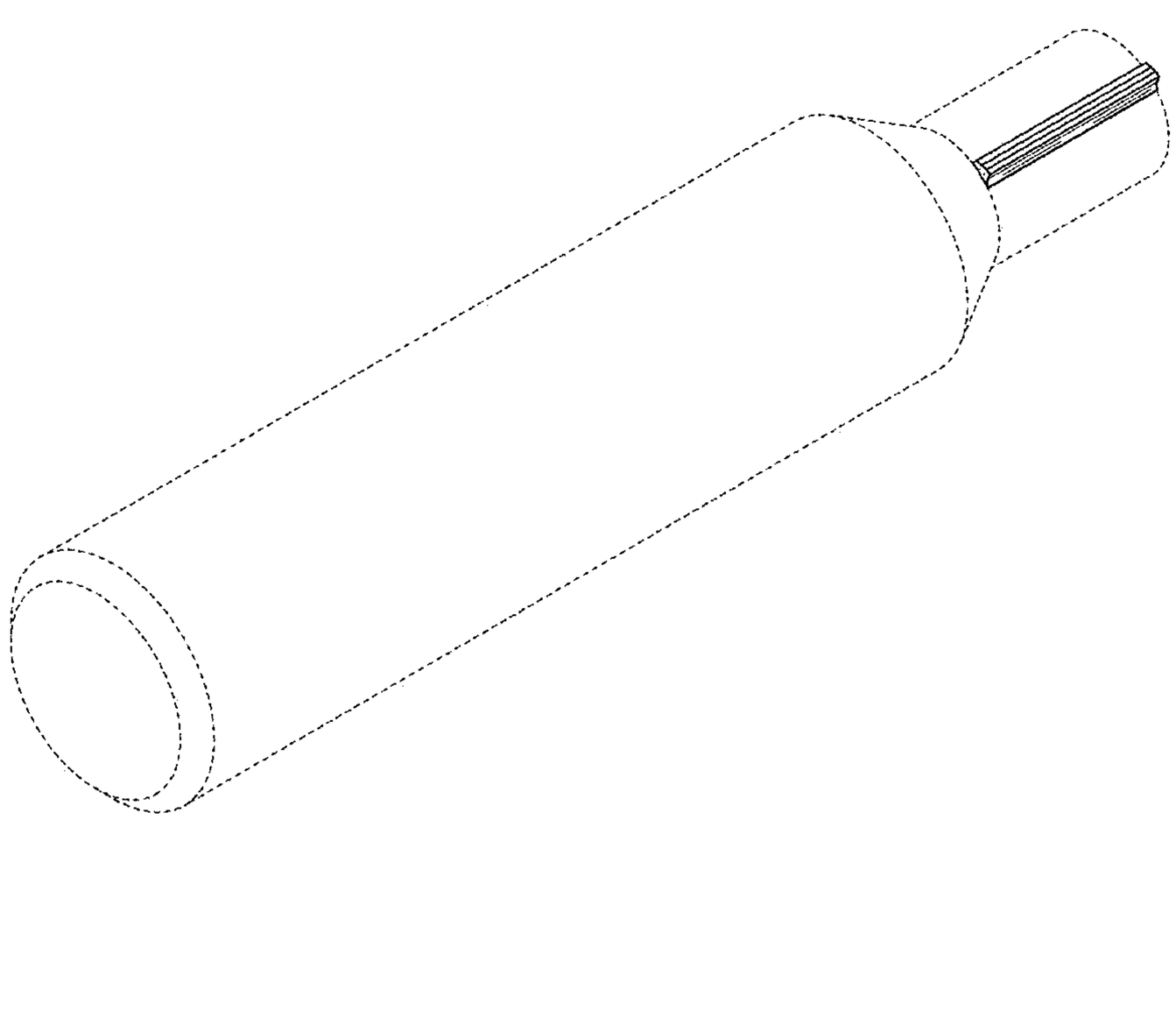


FIG.9