

US0D1029763S

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

(10) **Patent No.: US D1,029,763 S**
(45) **Date of Patent: ** Jun. 4, 2024**

(54) **CORE OF COIL COMPONENT**

(71) Applicant: **TDK CORPORATION**, Tokyo (JP)

(72) Inventors: **Yugo Asai**, Tokyo (JP); **Daisuke Urabe**, Tokyo (JP); **Hiroshi Suzuki**, Tokyo (JP); **Aoi Tokiwa**, Tokyo (JP)

(73) Assignee: **TDK CORPORATION**, Tokyo (JP)

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

(21) Appl. No.: **29/774,886**

(22) Filed: **Mar. 19, 2021**

Related U.S. Application Data

(62) Division of application No. 29/680,932, filed on Feb. 21, 2019, now Pat. No. Des. 921,586.

(51) **LOC (14) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/117**

(58) **Field of Classification Search**
USPC D13/117–119, 151–155, 184, 199
CPC H01F 17/045; H01F 17/04; H01F 27/245; H01F 27/292; H01F 27/29; H01F 27/24
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,778,055 B1 * 8/2004 Wang H01F 17/045 336/83

D798,814 S * 10/2017 Takagi D13/117

D831,570 S * 10/2018 Takagi D13/117

D918,835 S * 5/2021 Asai D13/117

D920,911 S * 6/2021 Moriya D13/117

D921,586 S * 6/2021 Asai D13/117

D921,587 S * 6/2021 Moriya D13/117

D942,946 S * 2/2022 Takagi D13/117

2019/0279815 A1 * 9/2019 Murakami H01F 27/24

2019/0287715 A1 * 9/2019 Igarashi H01F 17/045

2020/0066435 A1 * 2/2020 Igarashi H01F 27/292

2020/0082970 A1 * 3/2020 Hashimoto H01F 17/045

2020/0105451 A1 * 4/2020 Horie H01F 17/045

2020/0105464 A1 * 4/2020 Kobayashi H01F 17/045

2020/0203052 A1 * 6/2020 Murakami H01F 27/2828

FOREIGN PATENT DOCUMENTS

JP 2004-146662 A 5/2004

OTHER PUBLICATIONS

Jul. 6, 2020 Restriction Requirement issued in U.S. Appl. No. 29/680,932.

Sep. 25, 2020 Quayle Action issued in U.S. Appl. No. 29/680,932.

Dec. 28, 2020 Notice of Allowance issued in U.S. Appl. No. 29/680,932.

* cited by examiner

Primary Examiner — Alison M Ofstun
(74) *Attorney, Agent, or Firm* — Oliff PLC

(57) **CLAIM**

The ornamental design for a core of coil component, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a core of coil component, showing the new design;

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a left-side elevational view thereof;

FIG. 4 is a right-side elevational view thereof;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom plan view thereof.

1 Claim, 6 Drawing Sheets

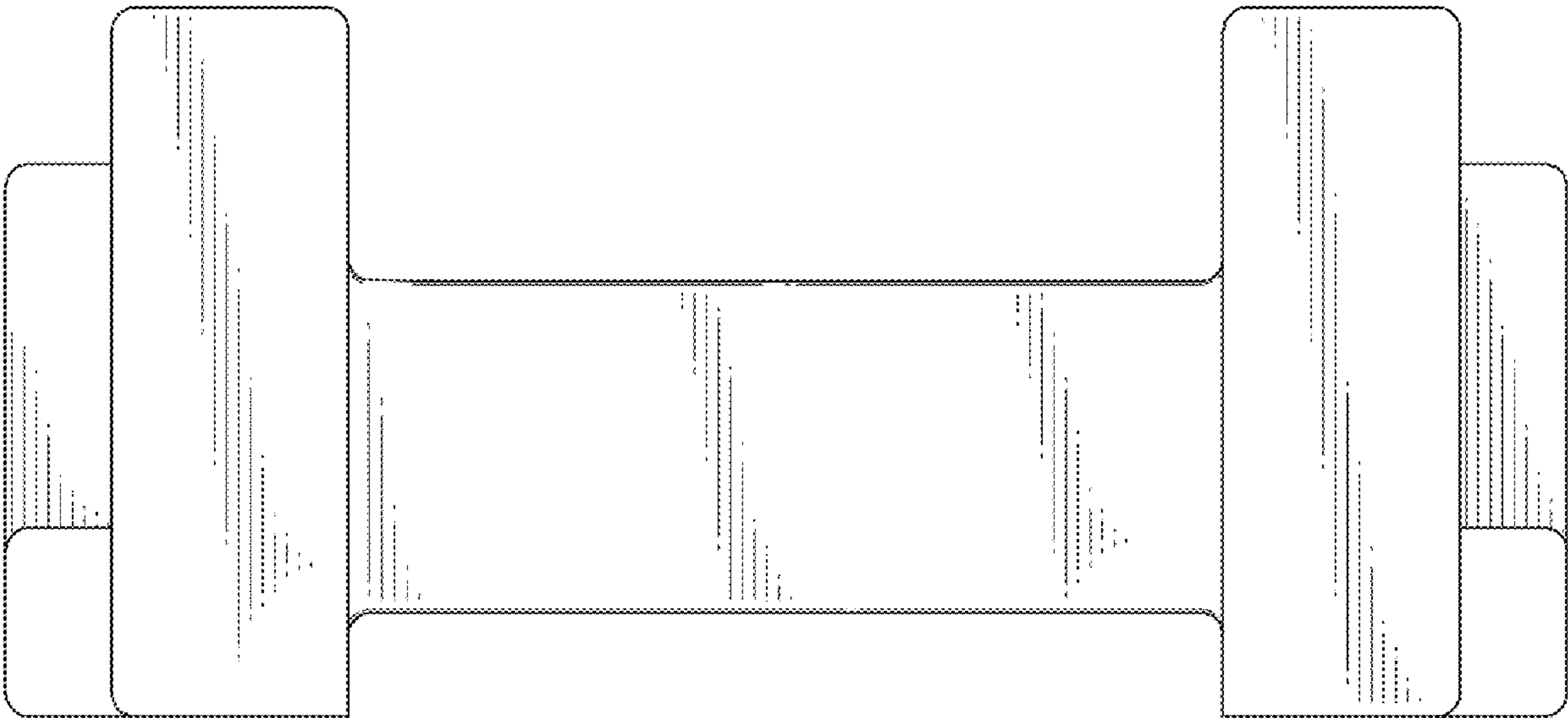


FIG. 1

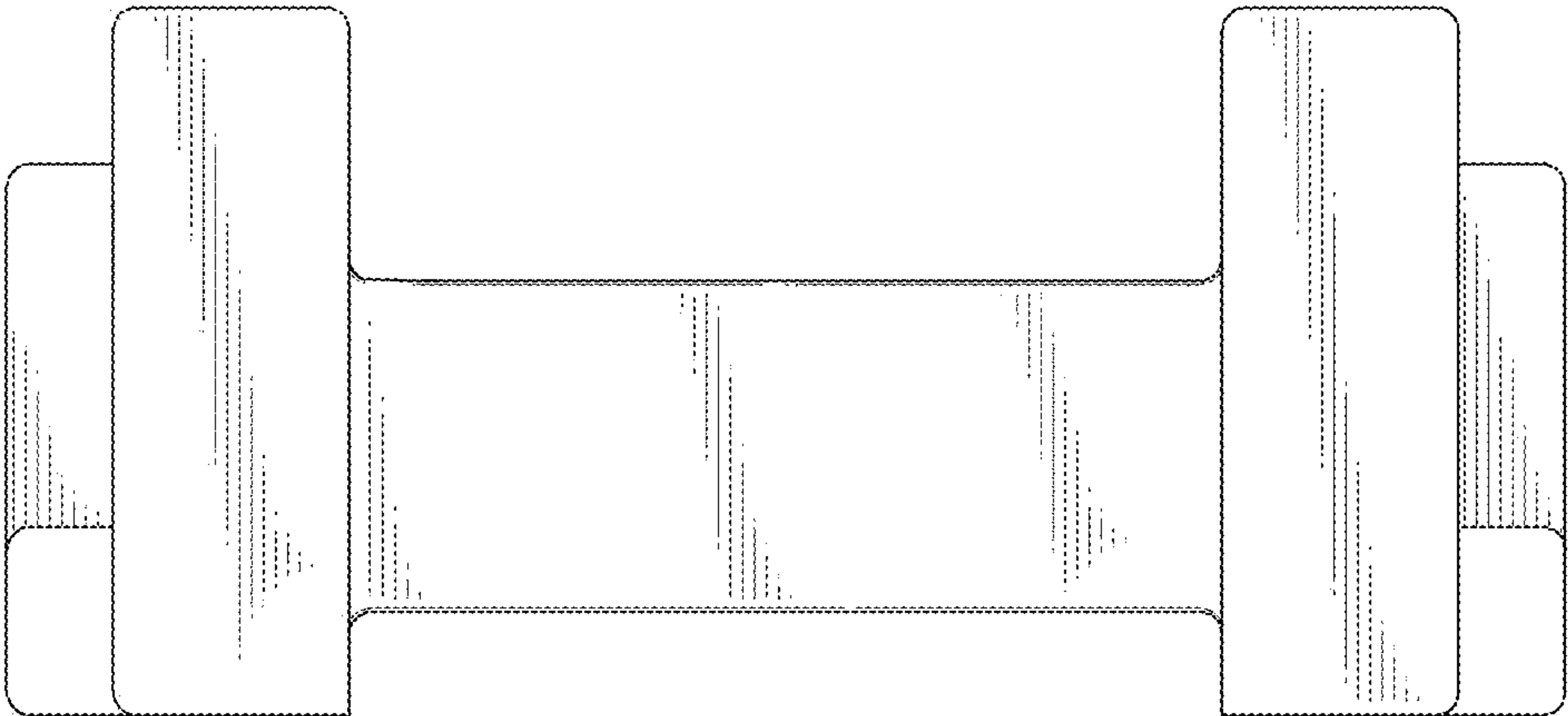


FIG. 2

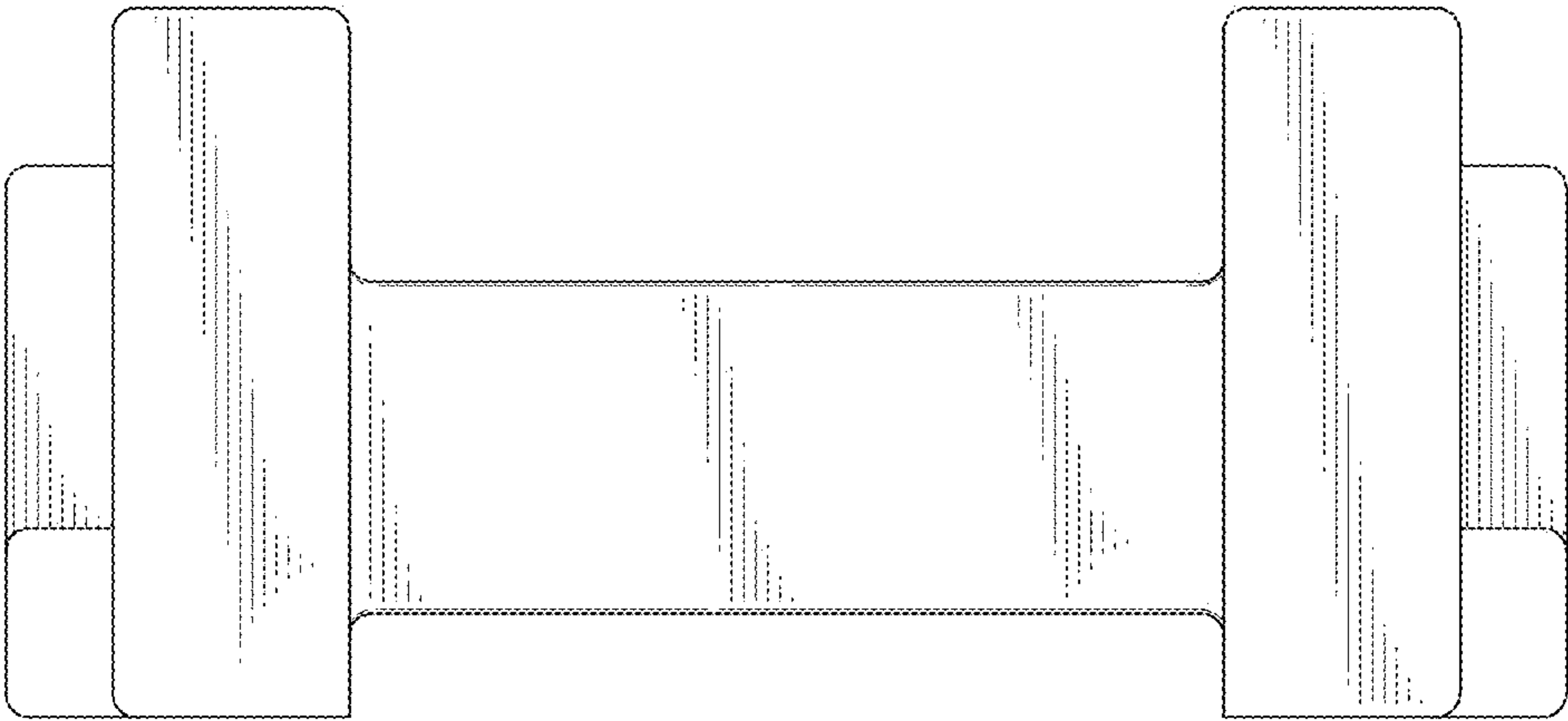


FIG. 3

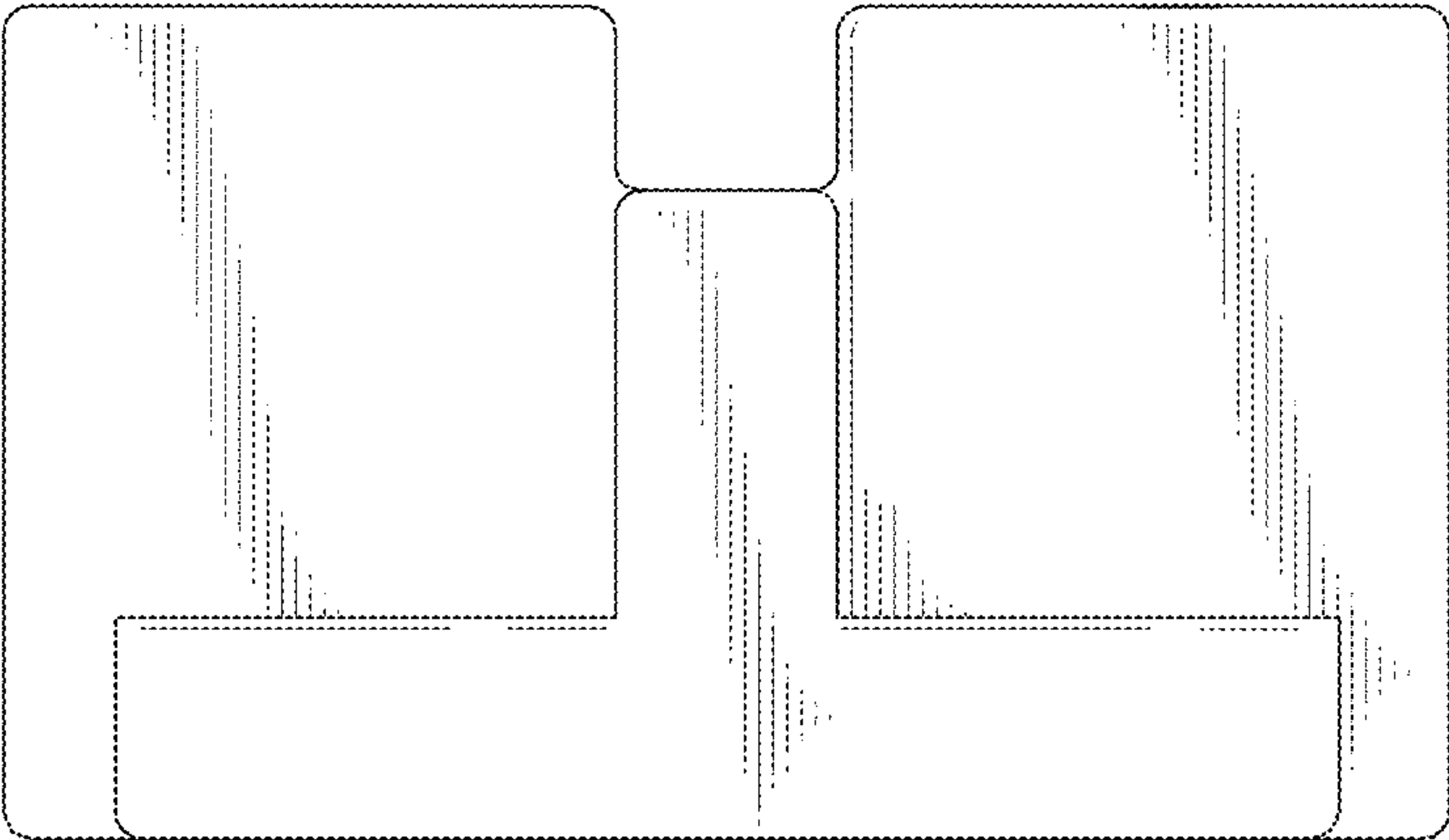


FIG. 4

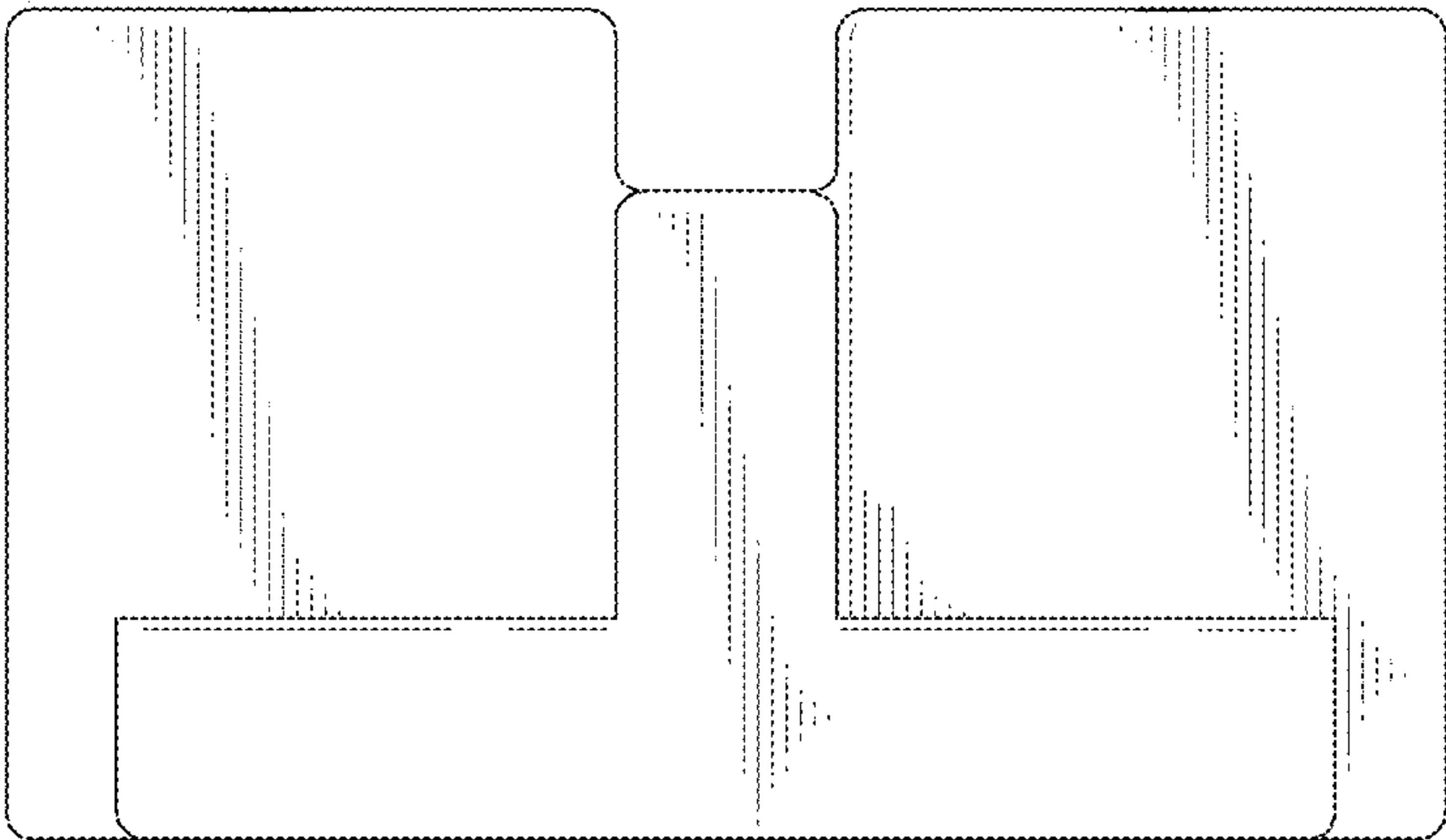


FIG. 5

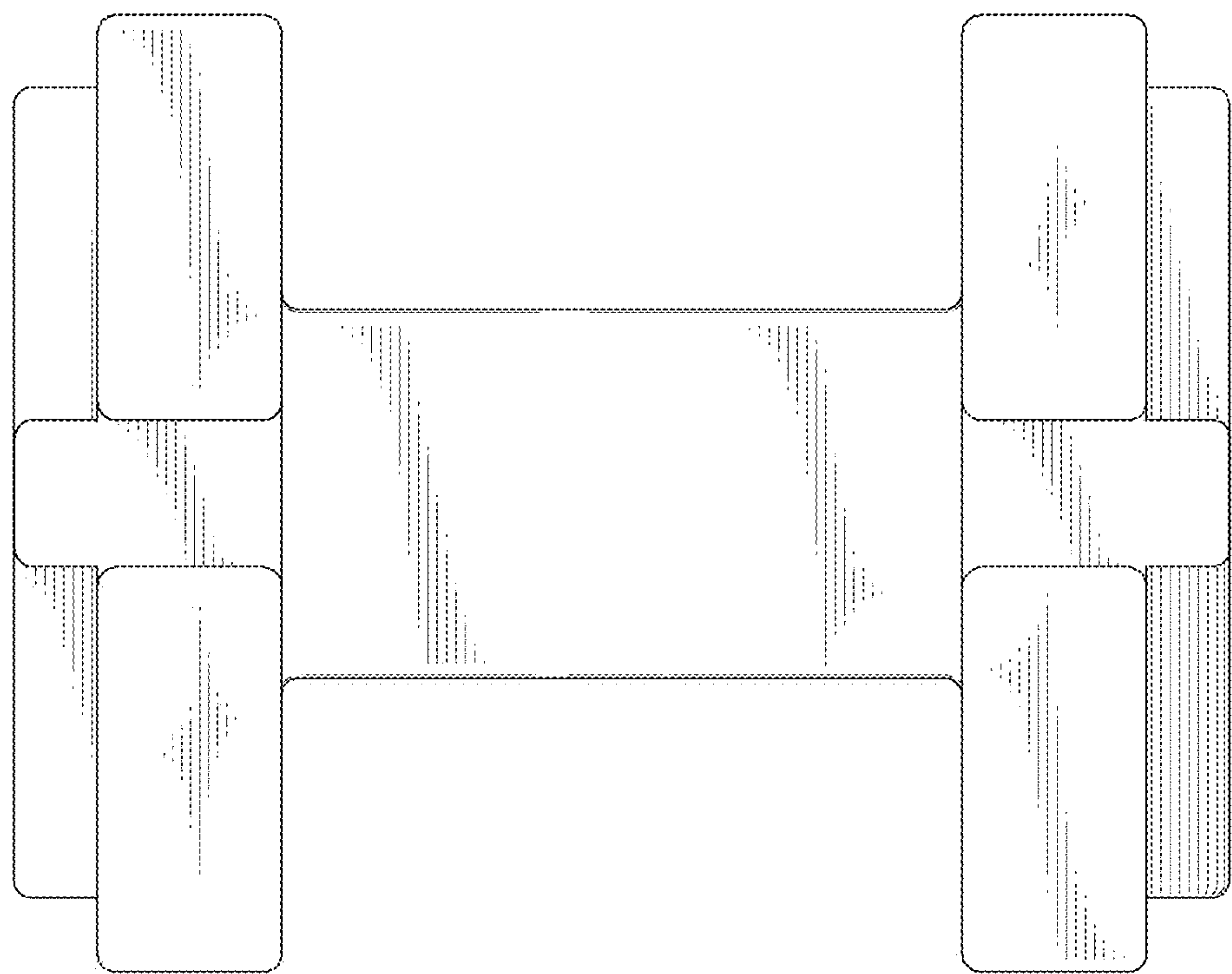


FIG. 6

