

US0D1021032S

(12)

United States Design Patent

Motoda

(10)

Patent No.:

US D1,021,032 S

(45)

Date of Patent:

** Apr. 2, 2024

(54)

HEAT CONDUCTING UNIT

(71)

Applicant:

SHIN-ETSU POLYMER CO., LTD.,
Tokyo (JP)

(72)

Inventor:

Sokuei Motoda, Saitama (JP)

(73)

Assignee:

SHIN-ETSU POLYMER CO., LTD.,
Tokyo (JP)

2010/0175824

A1 *

7/2010

Hopkins

.....

H05B 3/34
219/528

2013/0145681

A1 *

6/2013

Lindsey

.....

A01M 19/00
43/124

2016/0374147

A1 *

12/2016

Song

.....

H05B 3/10

2019/0297678

A1 *

9/2019

Schlipf

.....

H05B 3/265

2022/0418046

A1 *

12/2022

Horne

.....

H05B 3/145

2023/0128849

A1 *

4/2023

Uchiyama

.....

G03B 15/00
219/202

2023/0300952

A1 *

9/2023

Liu

.....

H05B 3/03
219/538

(**) Term:

15 Years

(21)

Appl. No.:

29/821,095

(22)

Filed:

Dec. 28, 2021

(51)

LOC (14) Cl.

.....

23-03

(52)

U.S. Cl.

USPC

.....

D23/341

(58)

Field of Classification Search

USPC

.....

D23/335, 316, 322, 323, 341, 314;
D13/119, 121, 182, 181, 180, 179

CPC

.....

H05B 3/20; H05B 3/34; H05B 2203/01;
H05B 2203/013

See application file for complete search history.

(57)

CLAIM

The ornamental design for a heat conducting unit, as shown and described.

(74)

Attorney, Agent, or Firm

— HAUPTMAN HAM, LLP

(56)

References Cited

U.S. PATENT DOCUMENTS

4,788,417 A * 11/1988 Graflind H05B 3/34
219/528

D442,549 S * 5/2001 Sasaoka D13/102

D658,748 S * 5/2012 Hwang D23/330

D735,842 S * 8/2015 Cole D23/323

D736,361 S * 8/2015 Cole D23/323

D903,070 S * 11/2020 Cheng D23/323

D927,435 S * 8/2021 Kuwabara D13/179

2008/0099458 A1 * 5/2008 Hilmer B60N 2/5685
219/217

DESCRIPTION

FIG. 1 is a perspective view of a heat conducting unit showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a left side view thereof;
FIG. 7 is a right side view thereof; and,
FIG. 8 is an enlarged cross-sectional view taken from line 8-8 in FIG. 2.
The stippling in the drawings indicates a contrast in material.

1 Claim, 8 Drawing Sheets

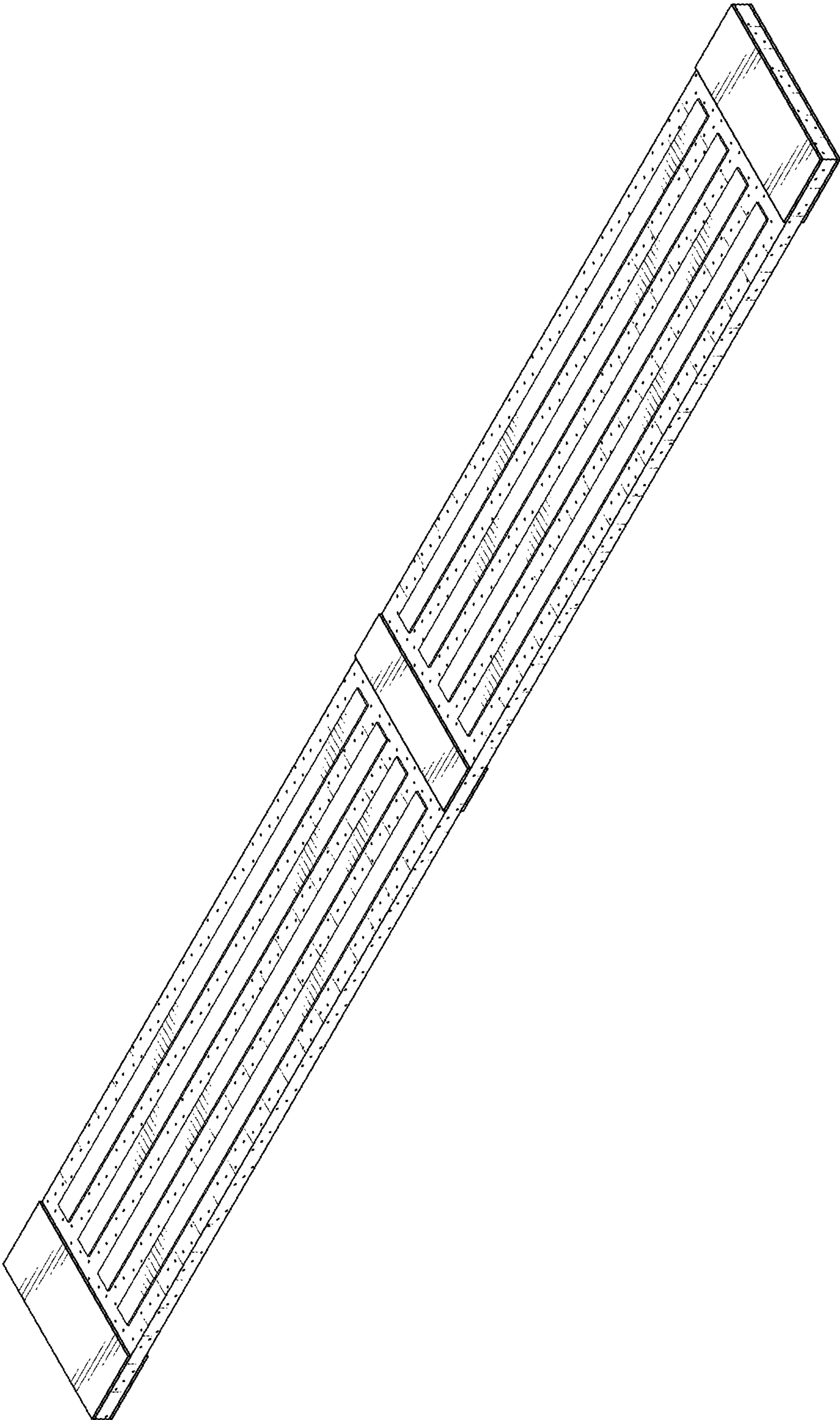


FIG. 1

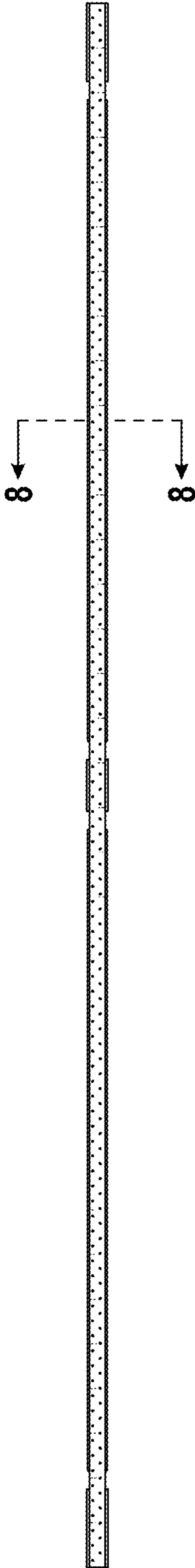


FIG. 2



FIG. 3

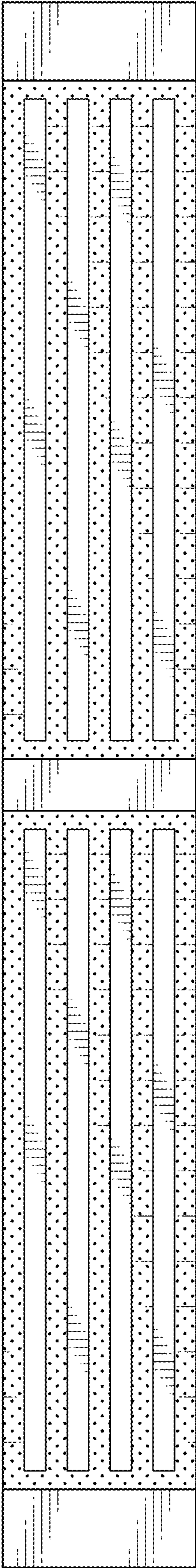


FIG. 4

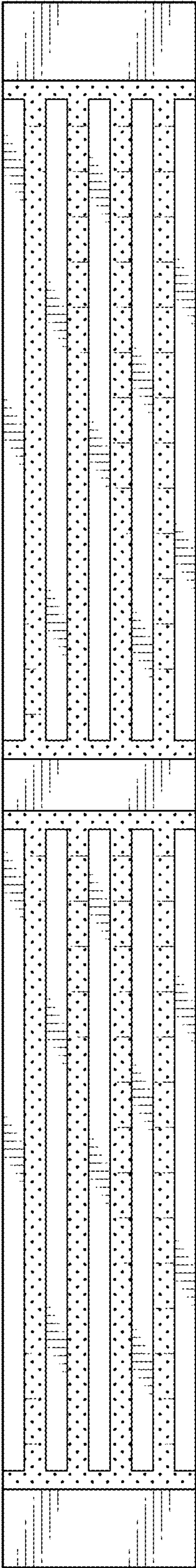


FIG. 5



FIG. 6



FIG. 7

