



US00D697273S

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

(10) **Patent No.:** **US D697,273 S**
(45) **Date of Patent:** **** Jan. 7, 2014**

(54) **DOOR FRAME AND DOOR ASSEMBLY FOR AN ANIMAL CRATE**

(71) Applicant: **Mid-West Metal Products Company, Inc., Muncie, IN (US)**

(72) Inventors: **Brad Cantwell, Muncie, IN (US); Stew Kerr, Muncie, IN (US); Michael E. Greene, Muncie, IN (US); Terrance L. Jones, Muncie, IN (US)**

(73) Assignee: **Mid-West Metal Products Co., Inc., Muncie, IN (US)**

(**) Term: **14 Years**

(21) Appl. No.: **29/437,057**

(22) Filed: **Nov. 13, 2012**

(51) **LOC (10) Cl.** **30-02**

(52) **U.S. Cl.**
USPC **D30/119**

(58) **Field of Classification Search**
USPC D30/108-109, 112-118, 160-161;
119/28.5, 452-453, 474, 481-482,
119/489, 491, 494, 496-498, 501, 513-514
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,556,058 A * 1/1971 Smiler 119/474
D409,802 S * 5/1999 Baker et al. D30/114
6,155,206 A * 12/2000 Godshaw 119/453

6,192,834 B1 * 2/2001 Kolozsvari 119/498
6,581,545 B1 * 6/2003 Foster 119/482
6,681,720 B1 * 1/2004 Skurdalsvold et al. 119/474
6,883,463 B2 * 4/2005 Link 119/474
7,703,414 B2 * 4/2010 Kanno 119/496
7,805,808 B2 * 10/2010 Matteson 119/452
7,918,188 B1 * 4/2011 Harper 119/481
D652,999 S * 1/2012 Jakubowski et al. D30/114
8,141,517 B2 * 3/2012 Shimoda et al. 119/498
8,267,048 B2 * 9/2012 Flannery et al. 119/498
D673,737 S * 1/2013 Cantwell et al. D30/114
8,408,416 B2 * 4/2013 Cheng-Lung et al. 119/481
2006/0169217 A1 * 8/2006 Glassford 119/459
2009/0293363 A1 * 12/2009 Flannery 49/55

* cited by examiner

Primary Examiner — Cathy A MacCormac

(74) *Attorney, Agent, or Firm* — Taft, Stettinius & Hollister, LLP; Stephens F. Rost, Esq.

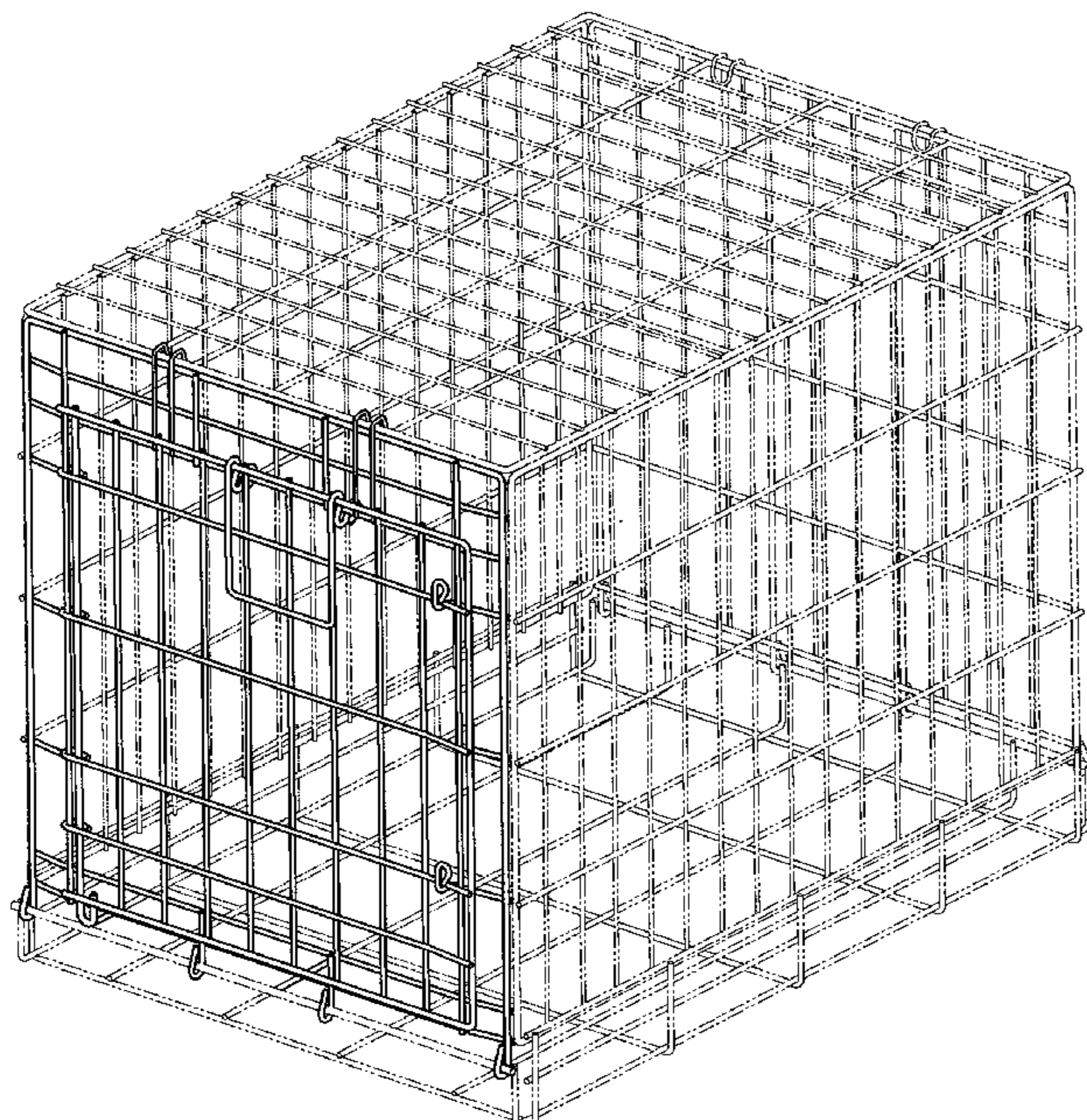
(57) **CLAIM**

The ornamental design for a door frame and door assembly for an animal crate, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a door frame and door assembly for an animal crate that illustrates the novel design; FIG. 2 is a front view thereof; FIG. 3 is a top view thereof; FIG. 4 is a right side elevational view thereof; FIG. 5 is a left side elevational view thereof; FIG. 6 is a bottom view thereof; and, FIG. 7 is a back view thereof.

1 Claim, 7 Drawing Sheets



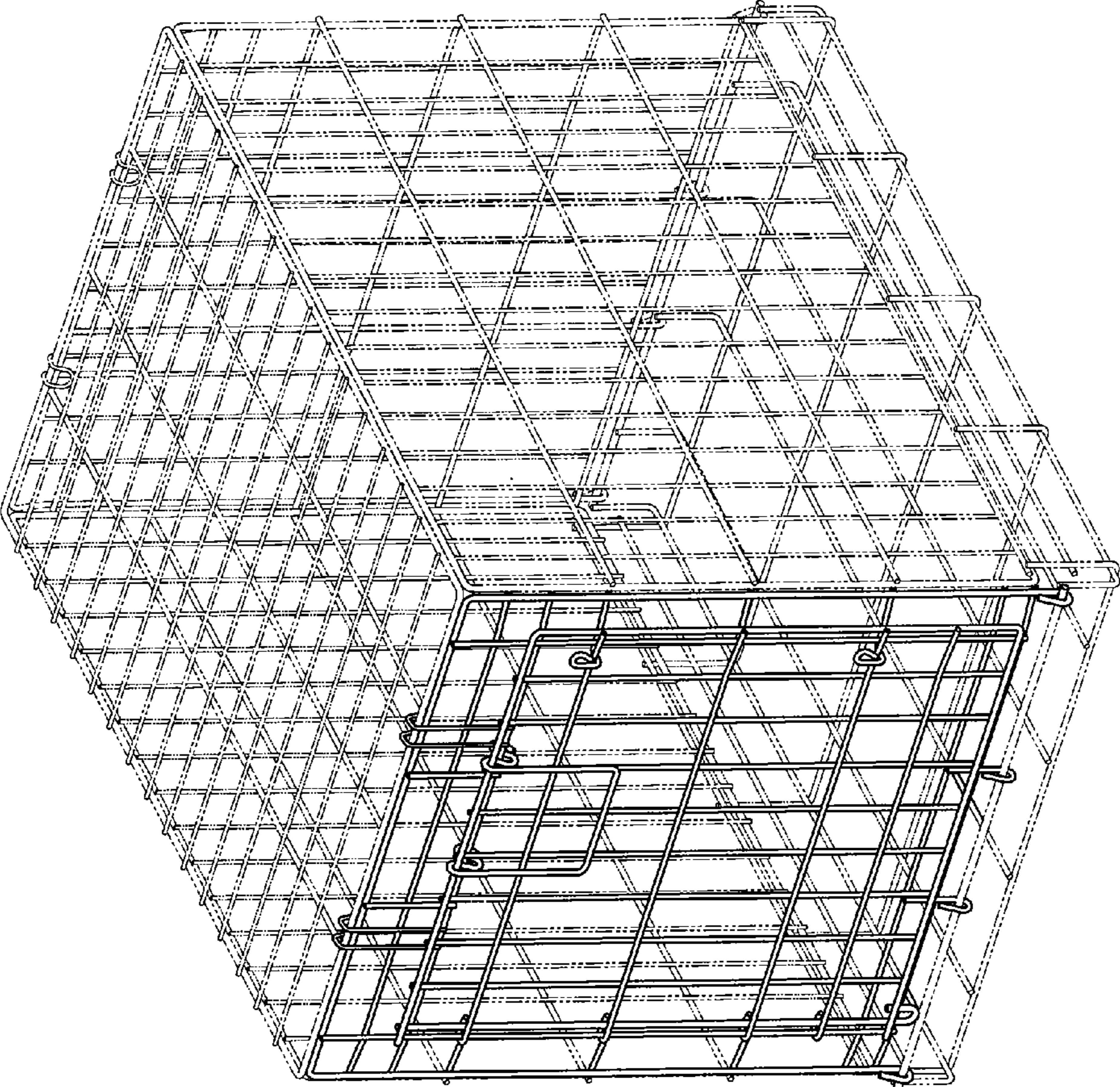


FIGURE 1

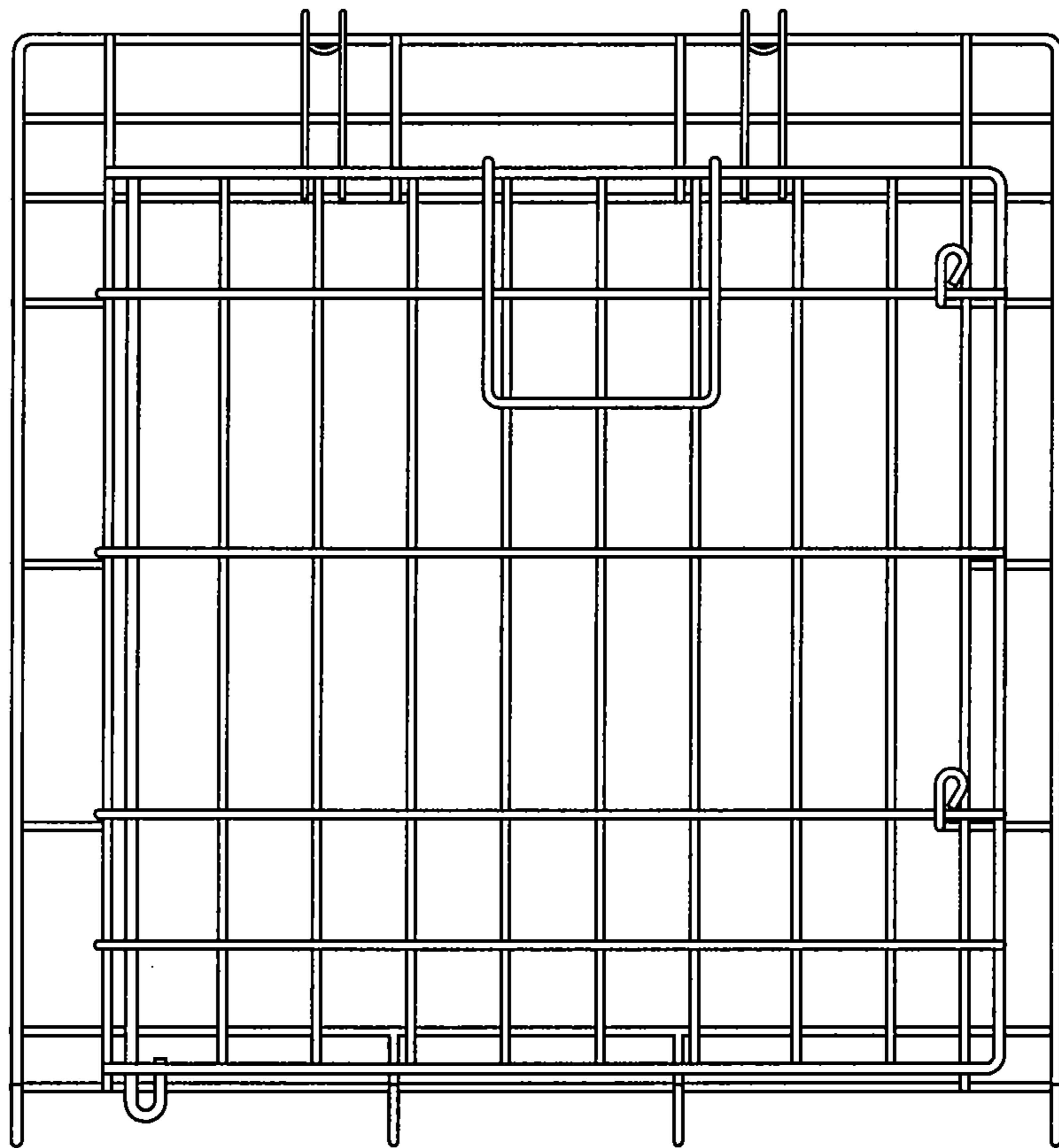


FIGURE 2

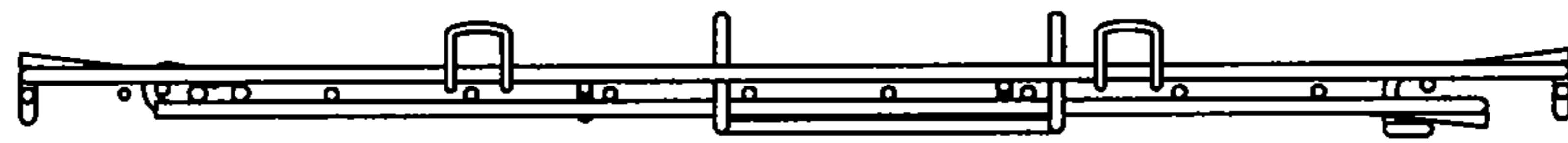


FIGURE 3

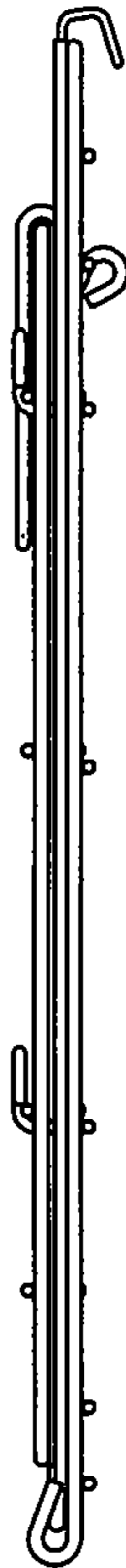


FIGURE 4

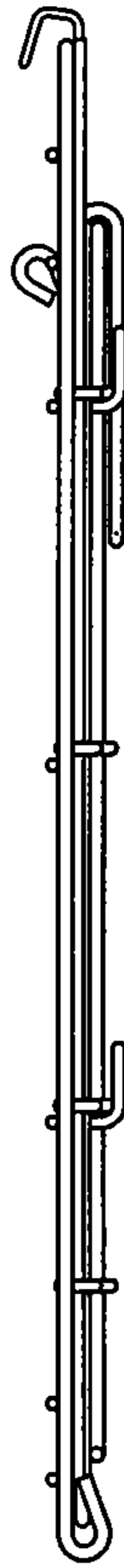


FIGURE 5

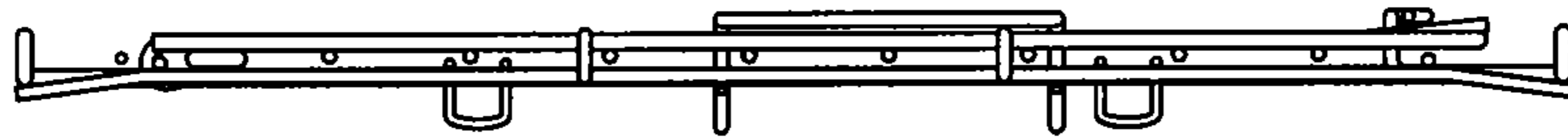


FIGURE 6

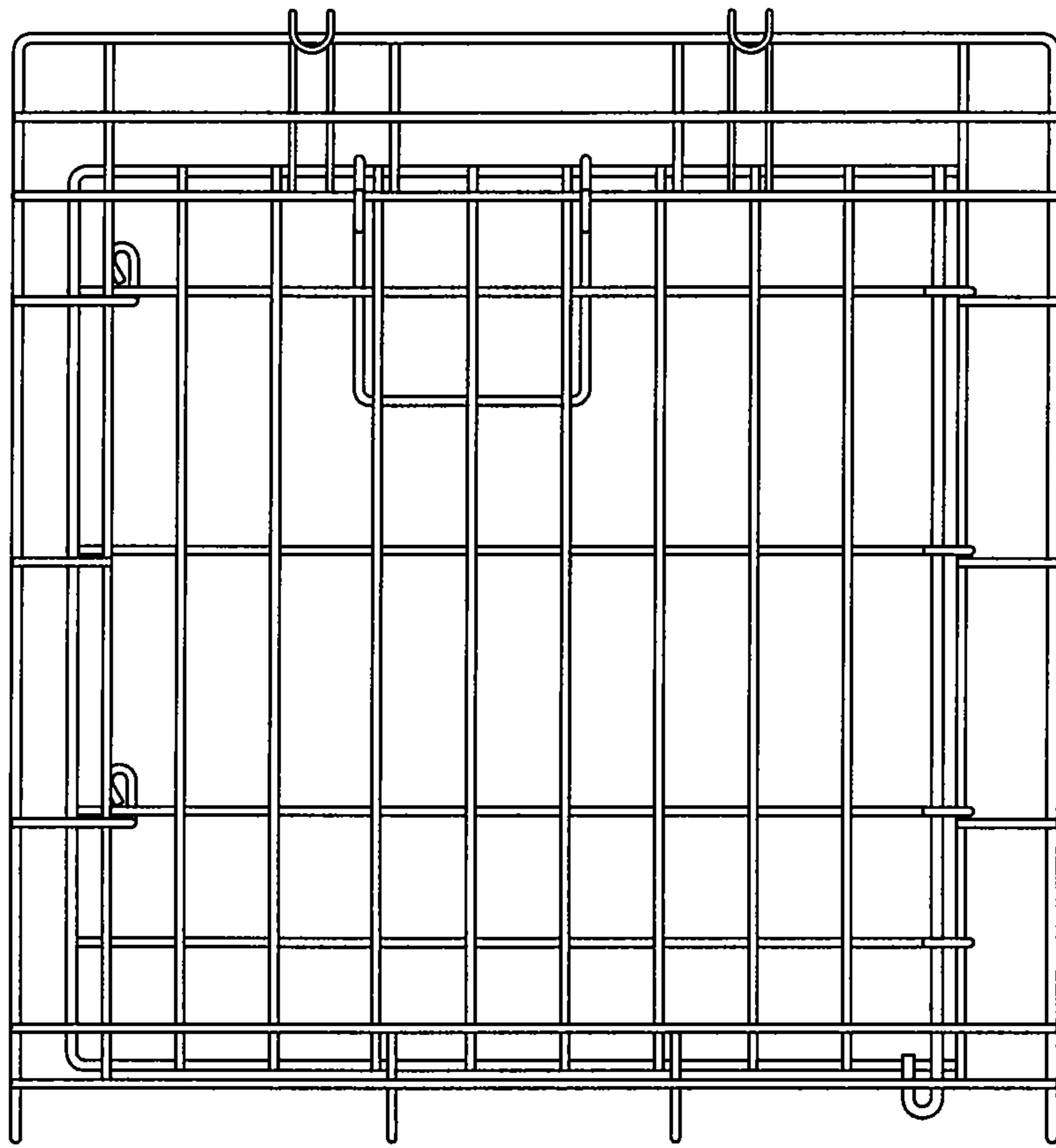


FIGURE 7