



US0D1007887S

(12) **United States Design Patent**  
**Brown**

(10) **Patent No.:** **US D1,007,887 S**

(45) **Date of Patent:** **\*\* Dec. 19, 2023**

- (54) **COLLAPSIBLE TRAY TABLE**
- (71) Applicant: **Kansas State University Research Foundation**, Manhattan, KS (US)
- (72) Inventor: **David A. Brown**, Manhattan, KS (US)
- (73) Assignee: **Kansas State University Research Foundation**, Manhattan, KS (US)

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

(21) Appl. No.: **29/783,514**

(22) Filed: **May 13, 2021**

(51) **LOC (14) Cl.** ..... **06-04**

(52) **U.S. Cl.**  
USPC ..... **D6/406.1**

(58) **Field of Classification Search**  
USPC ..... D6/406.1, 406.2, 406.3, 406.4, 406.5,  
D6/406.6, 672, 675, 656, 656.15, 611,  
(Continued)

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 (74) *Attorney, Agent, or Firm* — Hovey Williams LLP  
 (57) **CLAIM**  
 The ornamental design for a collapsible tray table, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a collapsible tray table shown in a flat table configuration;  
 FIG. 2 is a rear perspective view of the table shown in FIG. 1 in its flat table configuration;  
 FIG. 3 is a side elevation view of the table shown in FIG. 1 in its flat table configuration;  
 FIG. 4 is a front elevation view of the table shown in FIG. 1 in its flat table configuration;  
 FIG. 5 is a rear elevation view of the table shown in FIG. 1 in its flat table configuration;  
 FIG. 6 is a top view of the table shown in FIG. 1 in its flat table configuration;  
 FIG. 7 is a bottom view of the table shown in FIG. 1 in its flat table configuration;  
 FIG. 8 is a front perspective view of the collapsible tray table shown in its sloped table configuration;  
 FIG. 9 is a rear perspective view of the table shown in FIG. 8 in its sloped table configuration;  
 FIG. 10 is a side elevation view of the table shown in FIG. 8 in its sloped table configuration;  
 FIG. 11 is a front elevation view of the table shown in FIG. 8 in its sloped table configuration;  
 FIG. 12 is a rear elevation view of the table shown in FIG. 8 in its sloped table configuration;  
 FIG. 13 is a top view of the table shown in FIG. 8 in its sloped table configuration;  
 FIG. 14 is a bottom view of the table shown in FIG. 8 in its sloped table configuration;  
 FIG. 15 is a front perspective view of the collapsible tray table shown in its collapsed configuration;  
 FIG. 16 is a rear perspective view of the table shown in FIG. 15 in its collapsed configuration;  
 FIG. 17 is a side elevation view of the table shown in FIG. 15 in its collapsed configuration;

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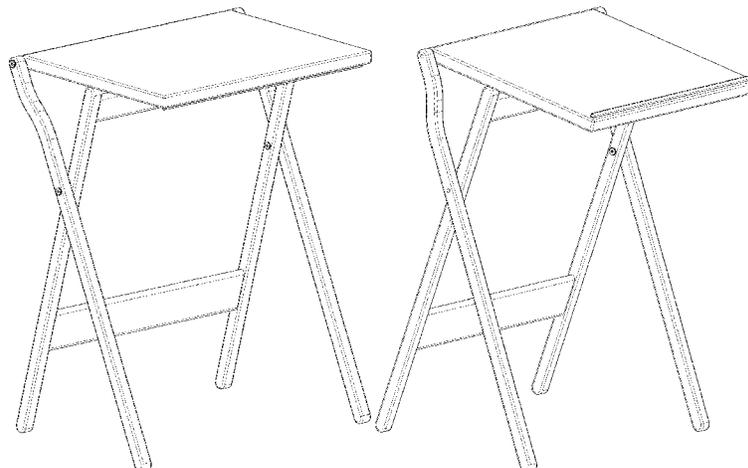


FIG. 18 is a front elevation view of the table shown in FIG. 15 in its collapsed configuration;  
 FIG. 19 is a rear elevation view of the table shown in FIG. 15 in its collapsed configuration;  
 FIG. 20 is a top view of the table shown in FIG. 15 in its collapsed configuration; and,  
 FIG. 21 is a bottom view of the table shown in FIG. 15 in its collapsed configuration.

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**1 Claim, 15 Drawing Sheets**

(58) **Field of Classification Search**

USPC ..... D6/642, 565, 656.1, 656.13, 656.14,  
 D6/656.16; D7/553.2, 553.3, 553.4,  
 D7/553.5, 553.6; D12/416; D19/92  
 CPC ..... A47B 7/00; A47B 13/00; A47B 13/02;  
 A47B 13/04; A47B 13/06; A47B 13/08;  
 A47B 13/10; A47B 13/12; A47B 13/16;  
 A47B 17/00; A47B 21/00; A47B  
 21/0314; A47B 2021/0364; A47B  
 2200/0001; A47B 2200/0011; A47B  
 2200/002; A47B 23/00; A47B 23/04;  
 A47B 2023/049; B25H 1/00

See application file for complete search history.

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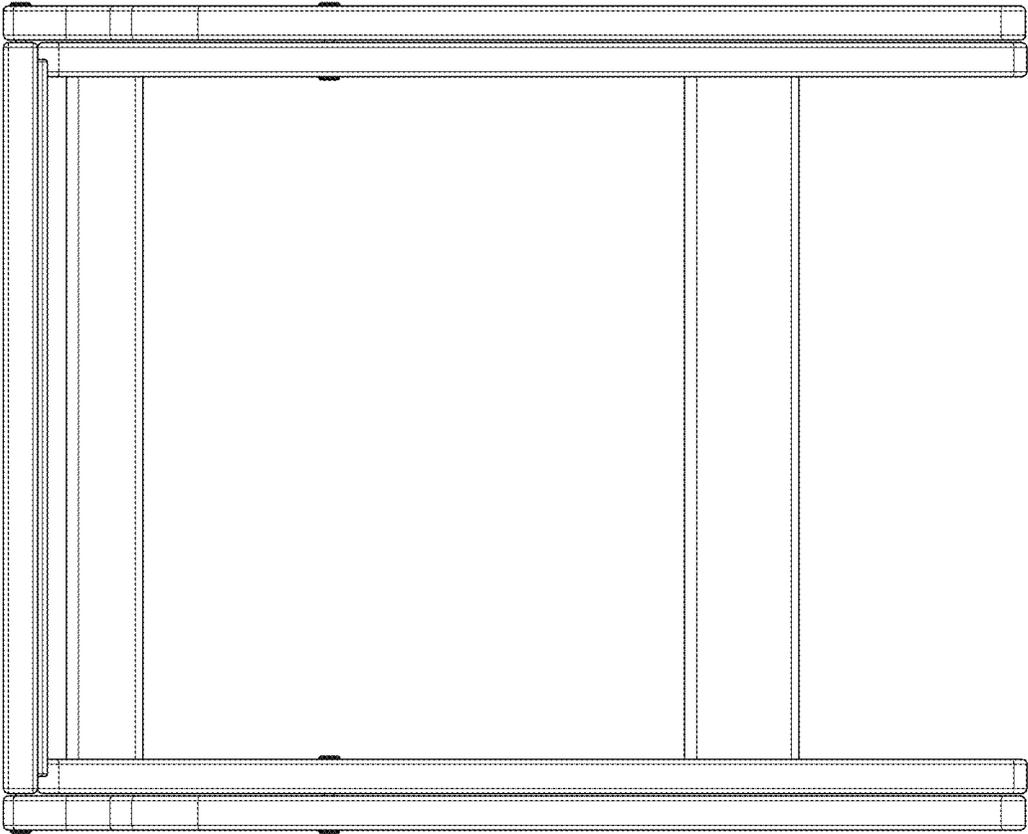
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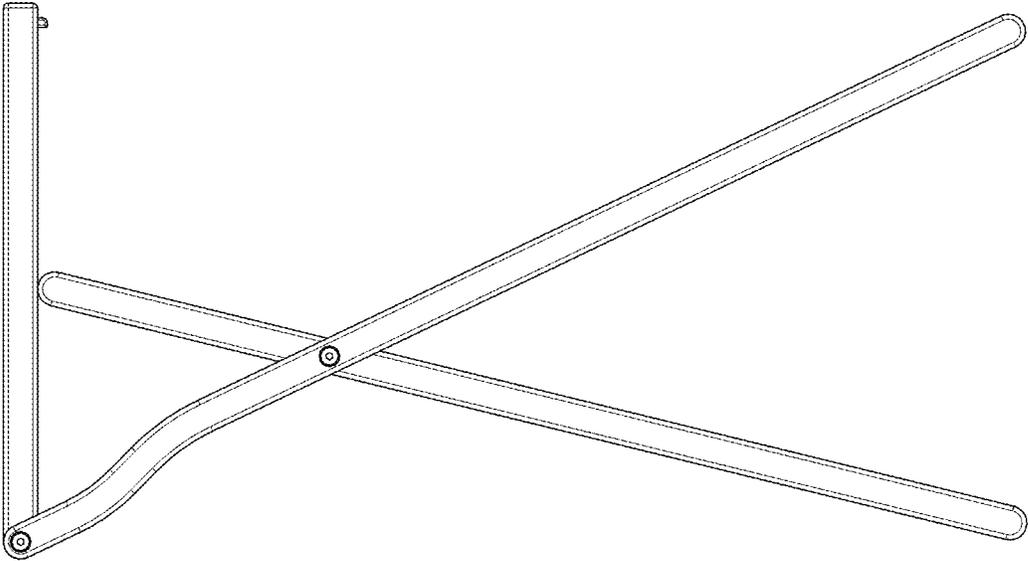
*Fig. 1.*



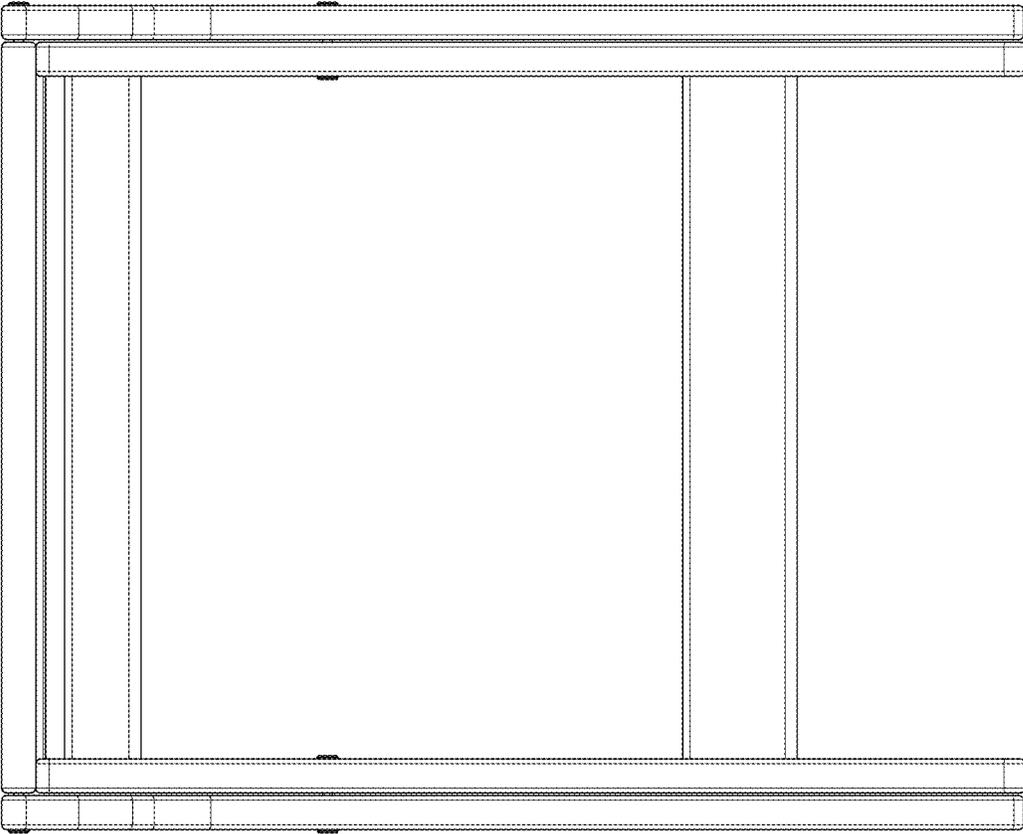
*Fig. 2.*



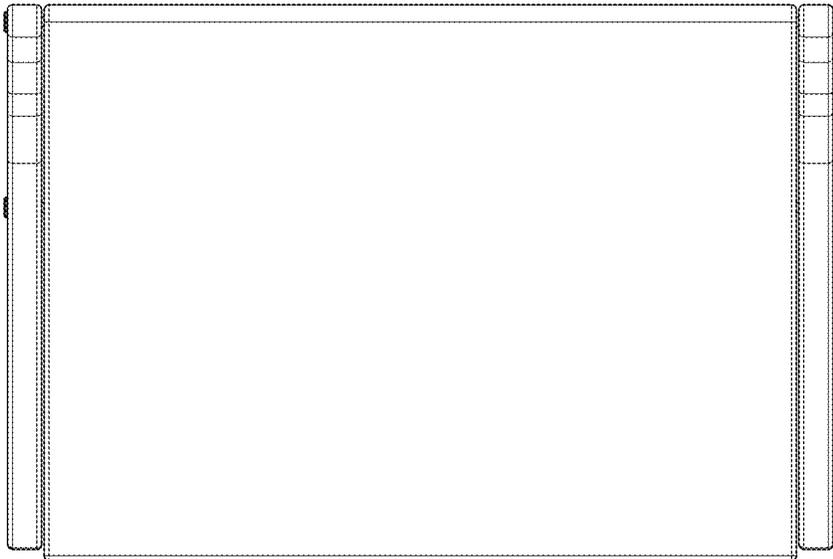
*Fig. 4.*



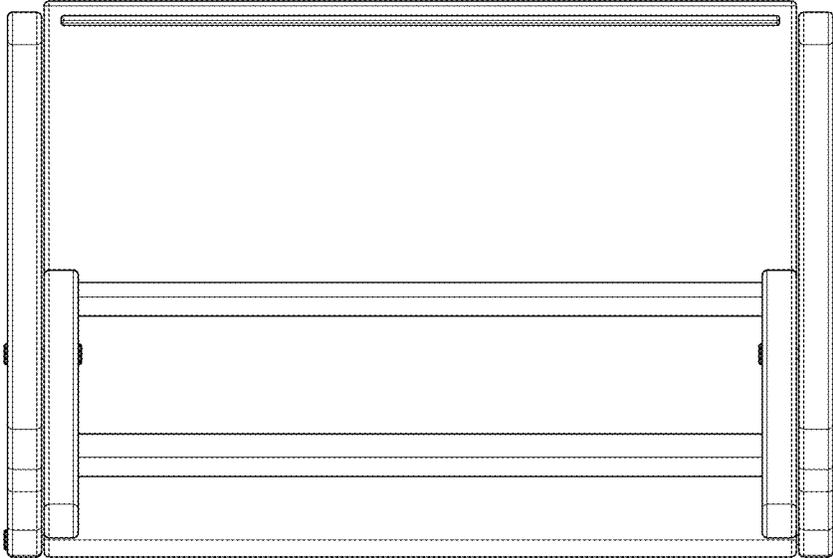
*Fig. 3.*



*Fig. 5.*



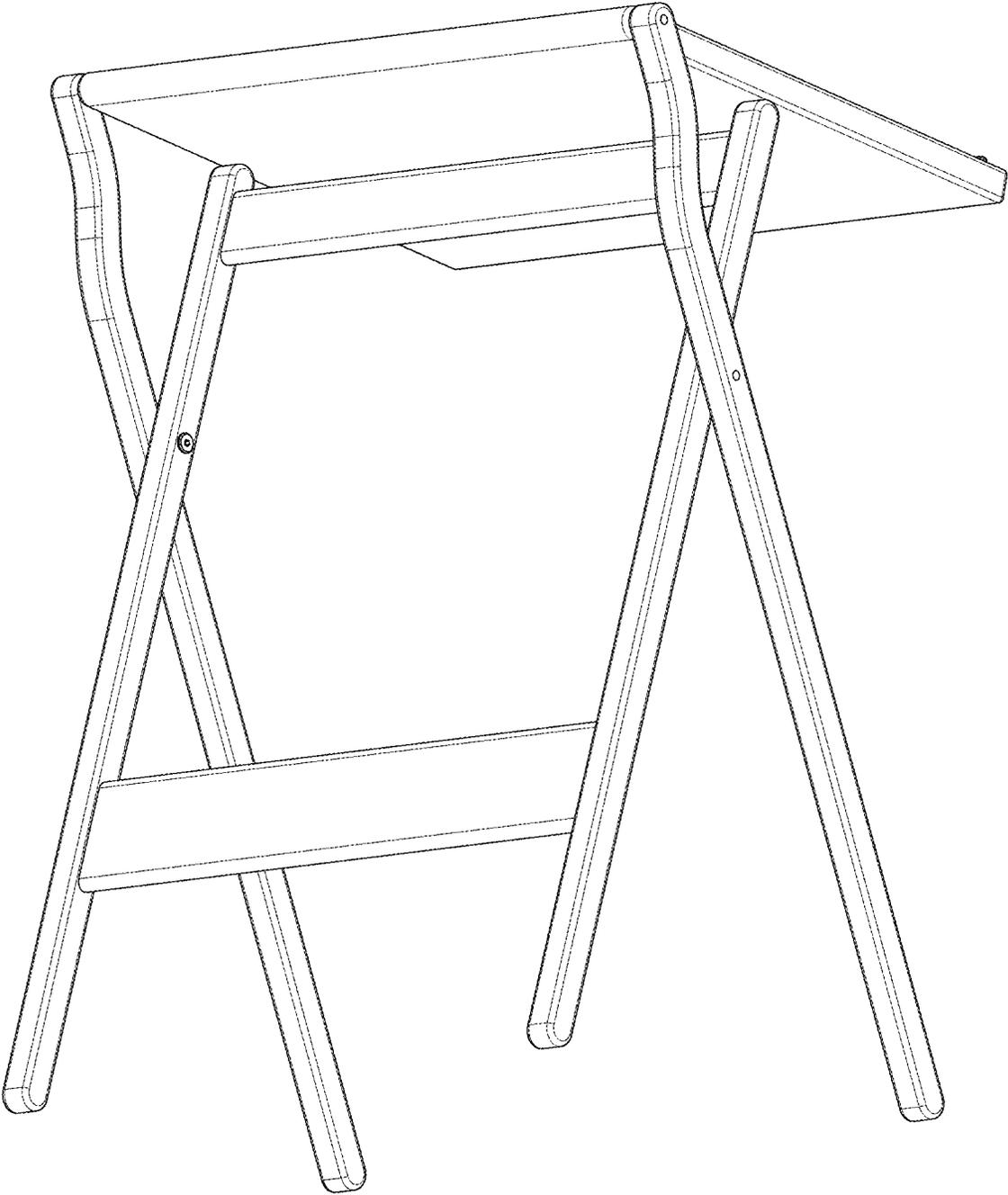
*Fig. 6.*



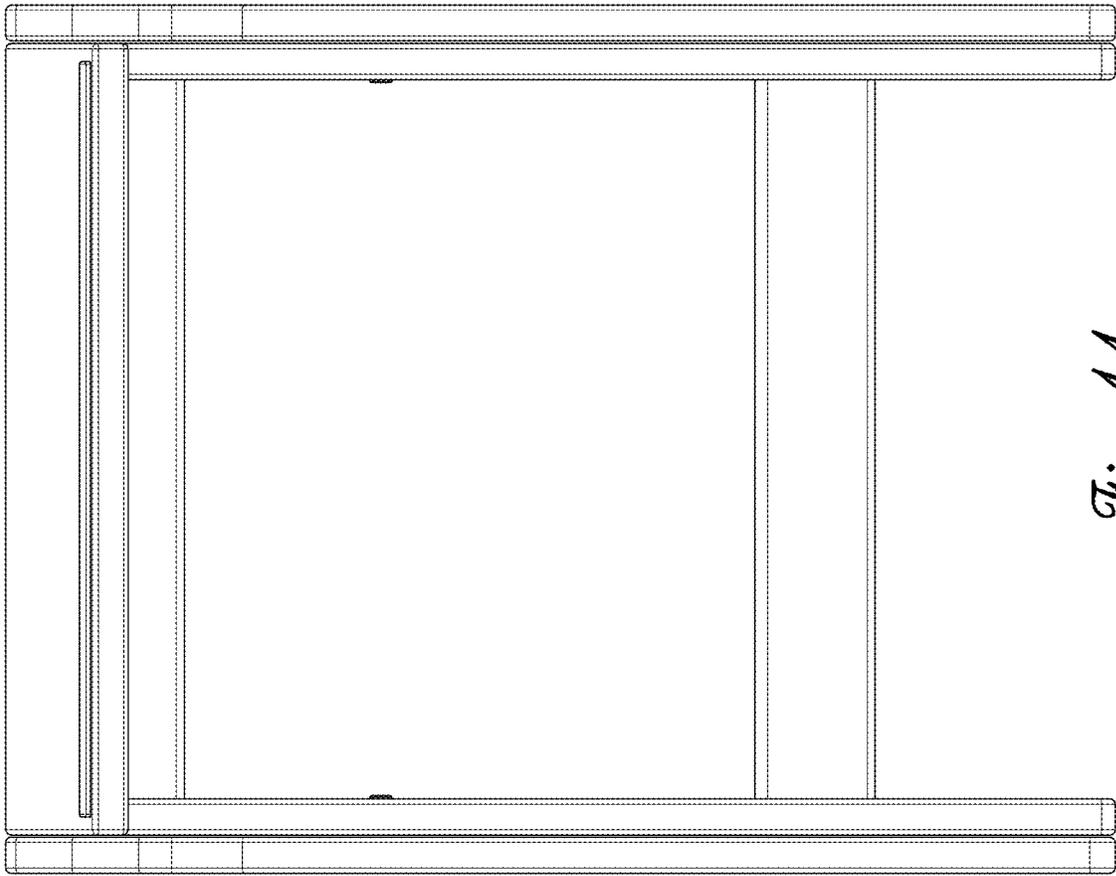
*Fig. 7.*



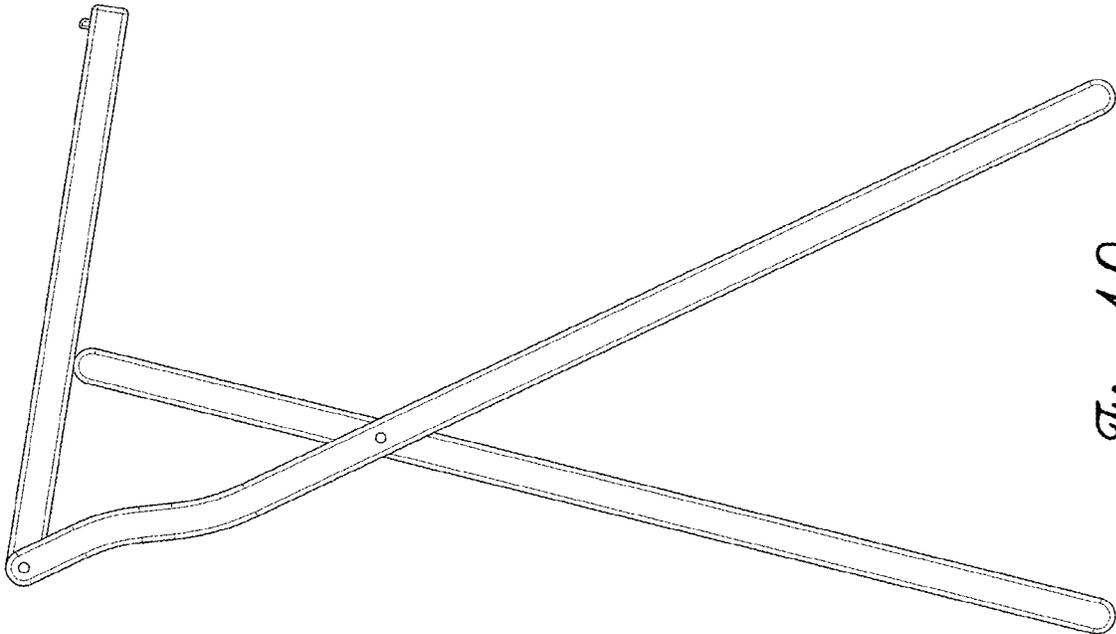
*Fig. 8.*



*Fig. 9.*

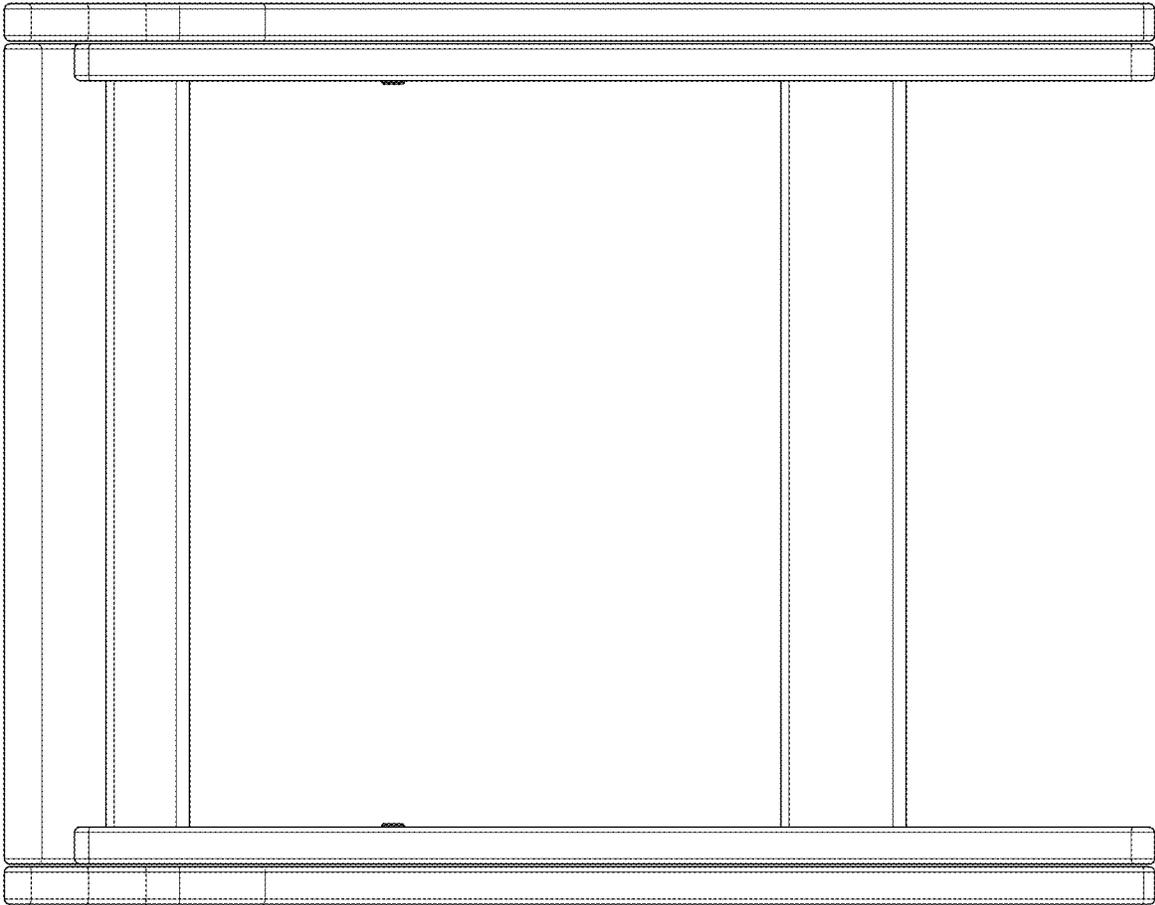


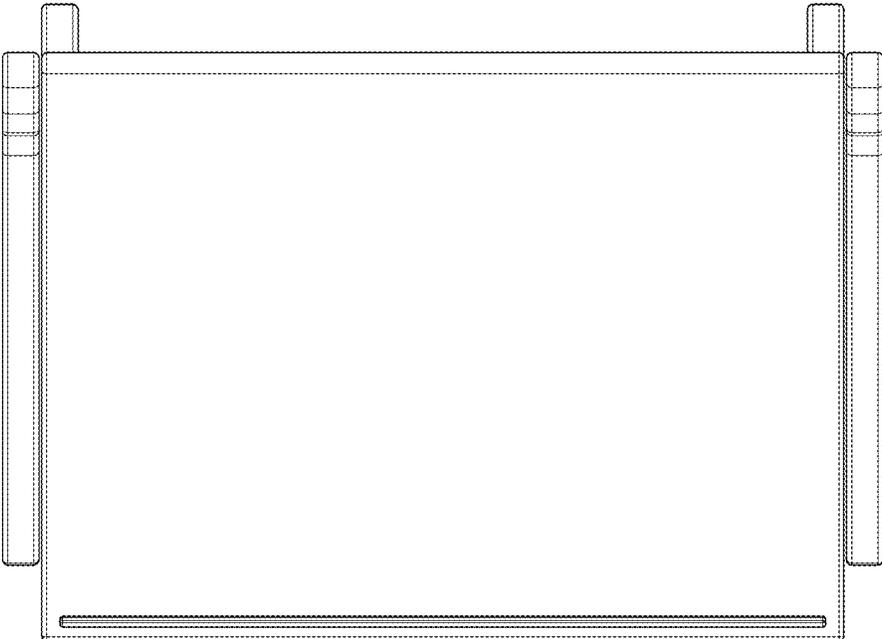
*Fig. 11.*



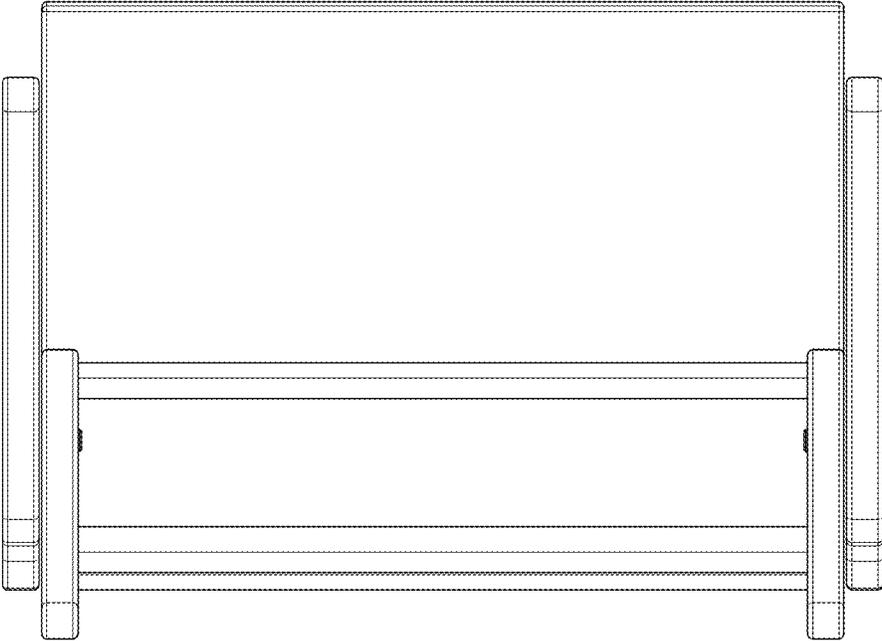
*Fig. 10.*

*Fig. 12.*

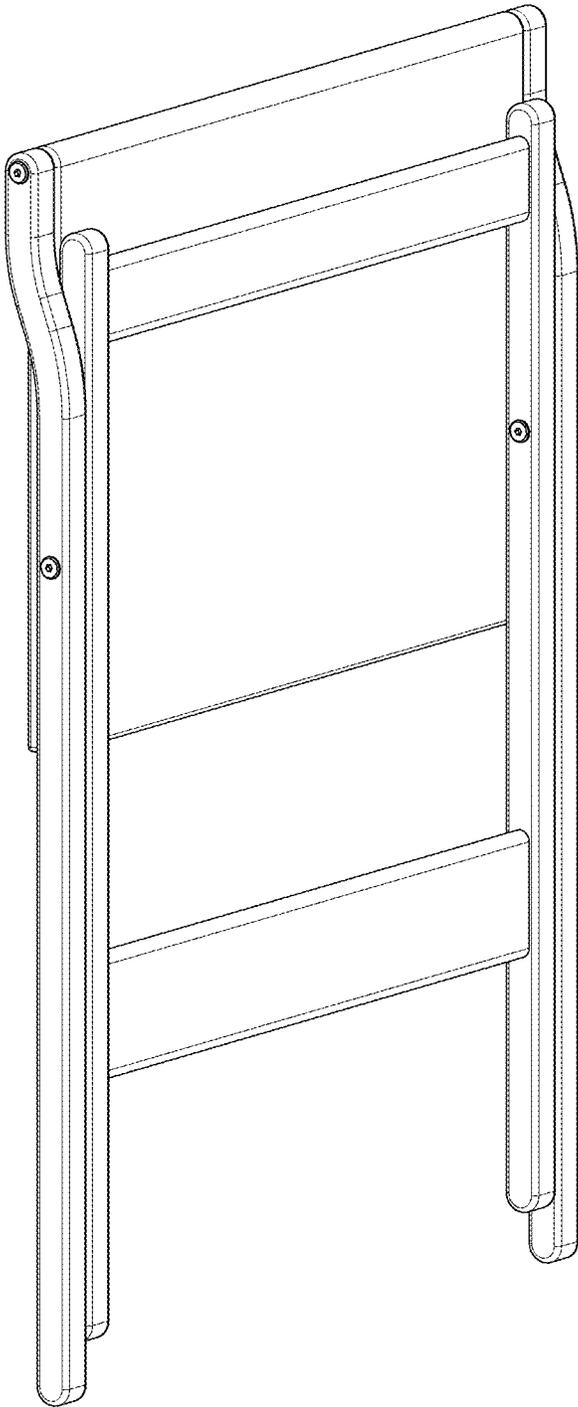




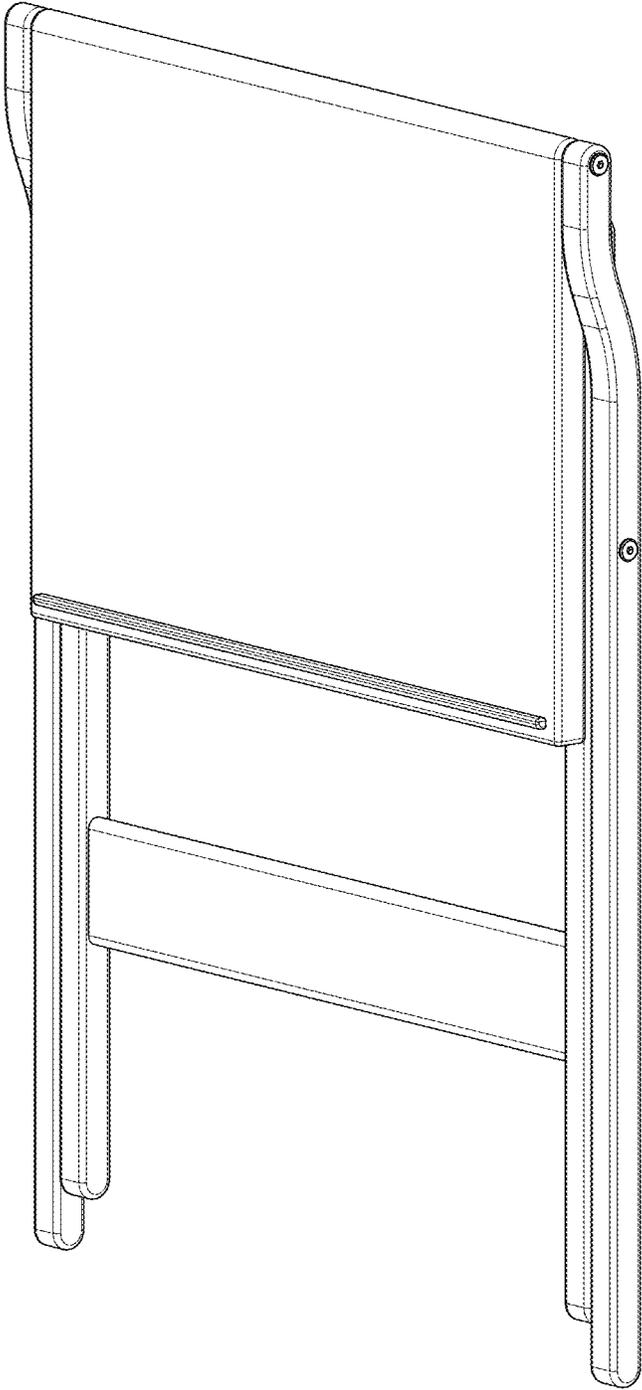
*Fig. 13.*



*Fig. 14.*

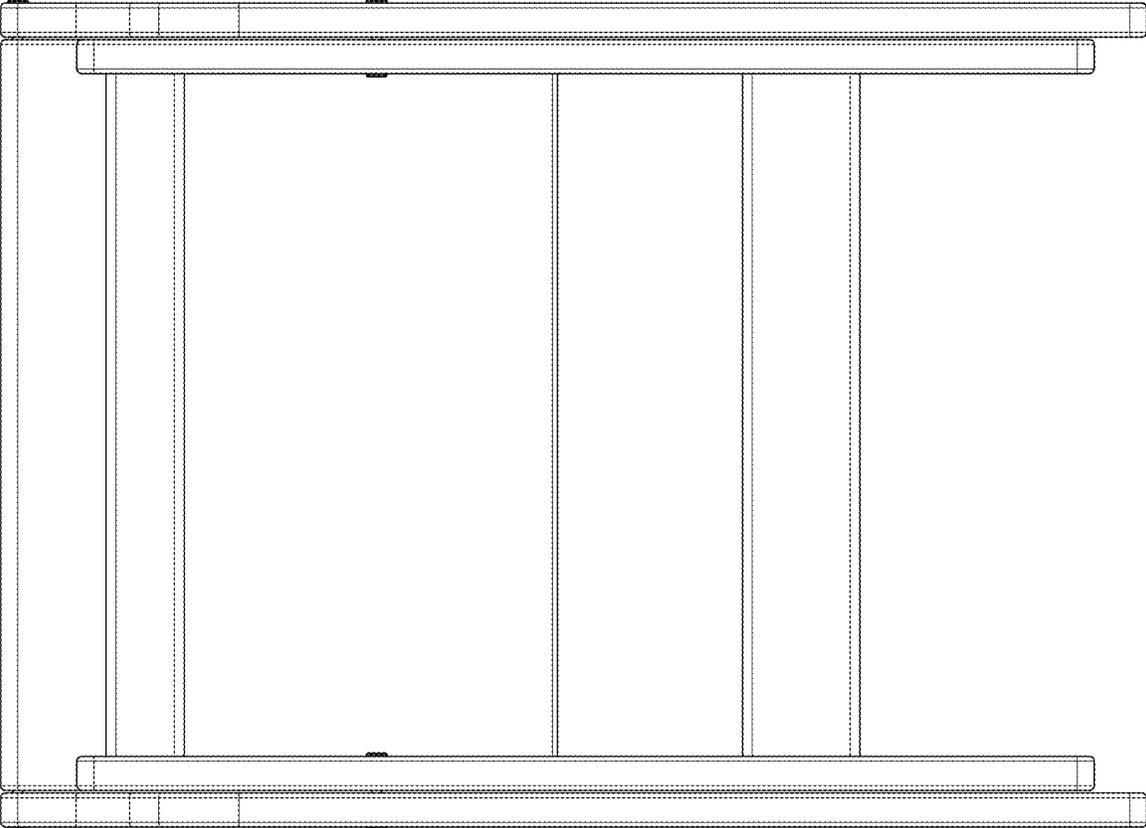


*Fig. 15.*

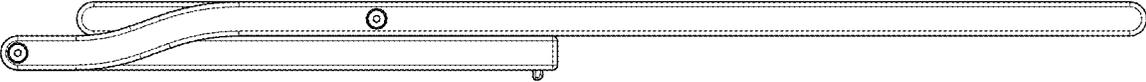


*Fig. 16.*

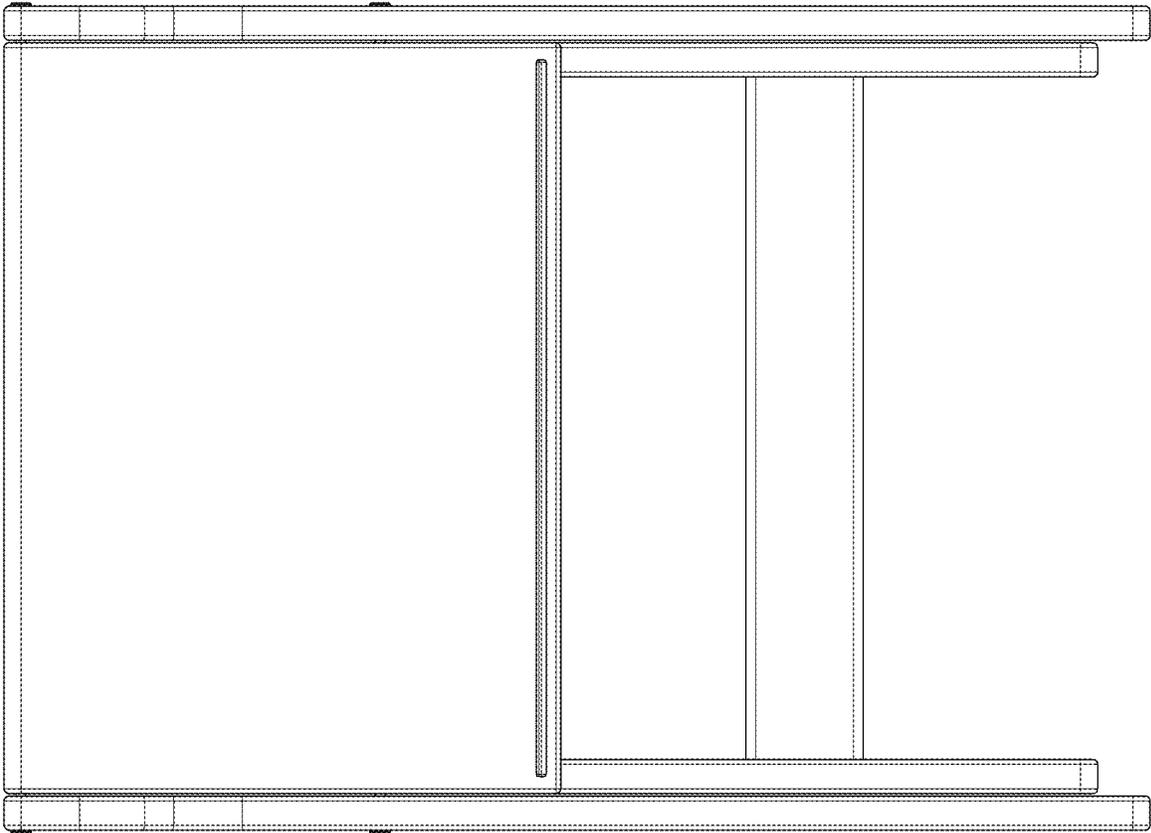
*Fig. 18.*

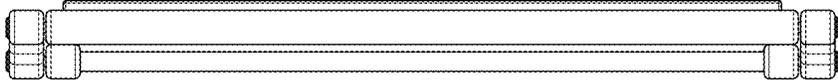


*Fig. 17.*

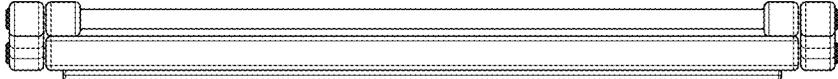


*Fig. 19.*





*Fig. 20.*



*Fig. 21.*