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

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(54) **CEILING-MOUNTED AIR CONDITIONER**

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

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Dec. 10, 2020 (KR) ..... 30-2020-0061181

(51) **LOC (14) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/351**

(58) **Field of Classification Search**

USPC ..... D23/333, 351-354, 388, 393  
CPC .... F24F 1/00; F24F 1/0007; F24F 1/02; F24F  
1/08; F24F 1/42; F24F 1/56; F24F 1/60;  
F24F 3/044; F24F 3/048; F24F 3/16;  
G05D 23/1905; G05D 23/1932; G05D  
23/1902; G05D 23/1931; G05B 19/0426;  
G05B 19/409; G05B 15/02

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D504,889 S \* 5/2005 Andre ..... D14/341  
D558,865 S \* 1/2008 Yoo ..... D23/351  
D654,074 S \* 2/2012 Wood ..... D14/341  
D657,032 S \* 4/2012 Chouji ..... D23/351  
D657,033 S \* 4/2012 Chouji ..... D23/351

D684,872 S \* 6/2013 Bias ..... D10/49  
D687,388 S \* 8/2013 Baumgartner ..... D13/162  
D691,251 S \* 10/2013 Couture ..... D23/343  
D723,675 S \* 3/2015 Paskow ..... D23/354  
D726,295 S \* 4/2015 Kim ..... D23/351  
D734,179 S \* 7/2015 Golden ..... D10/50  
D738,756 S \* 9/2015 Jiang ..... D10/50  
D744,433 S \* 12/2015 Baumgartner ..... D10/49  
D758,217 S \* 6/2016 Kumfer ..... D10/50  
D763,203 S \* 8/2016 Ikegaya ..... D13/168  
D824,501 S \* 7/2018 Long ..... D23/351  
D868,043 S \* 11/2019 Doe ..... D14/230  
D908,099 S \* 1/2021 Kornacki ..... D10/50  
D938,390 S \* 12/2021 Park ..... D14/217  
D938,391 S \* 12/2021 Park ..... D14/217  
D940,289 S \* 1/2022 Hederstierna ..... D23/351  
D941,265 S \* 1/2022 Kim ..... D14/217

\* cited by examiner

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(57) **CLAIM**

We claim, the ornamental design for a ceiling-mounted air  
conditioner, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a ceiling-mounted air  
conditioner showing our new design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a left side elevation view thereof;  
FIG. 5 is a right side elevation view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

The dashed broken lines in the figures depict portions of the  
ceiling-mounted air conditioner that form no part of the  
claimed design.

**1 Claim, 7 Drawing Sheets**

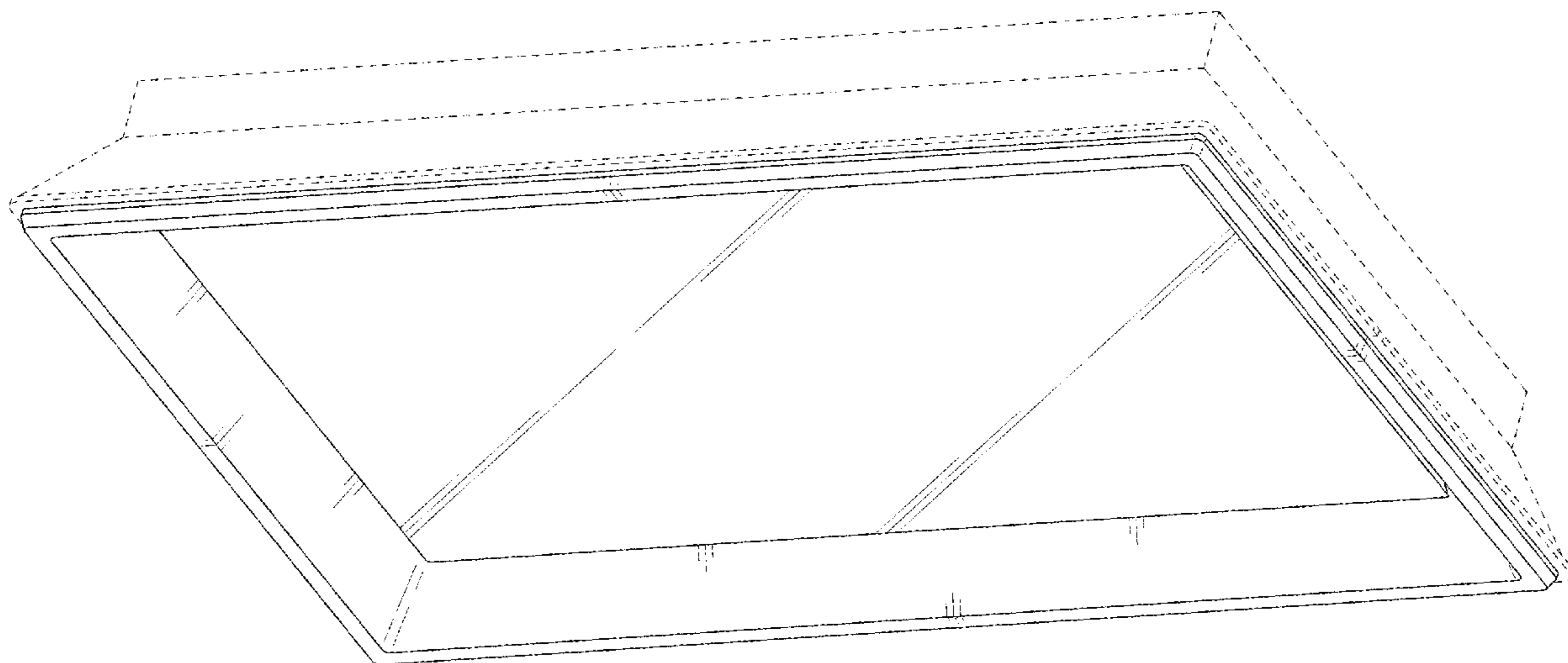


FIG. 1

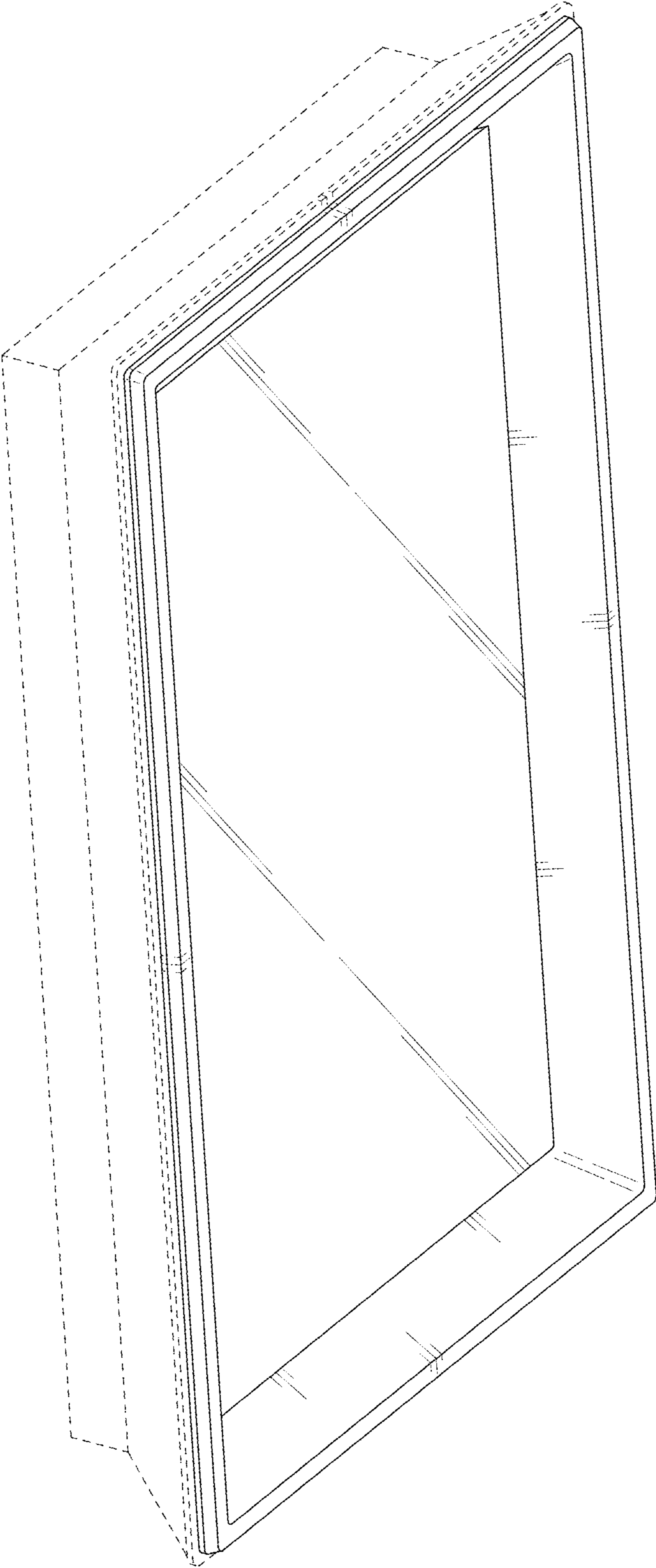


FIG. 2

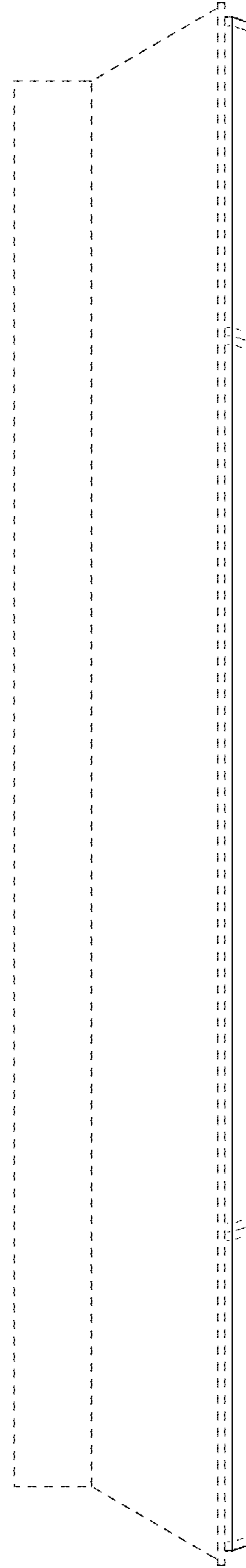


FIG. 3

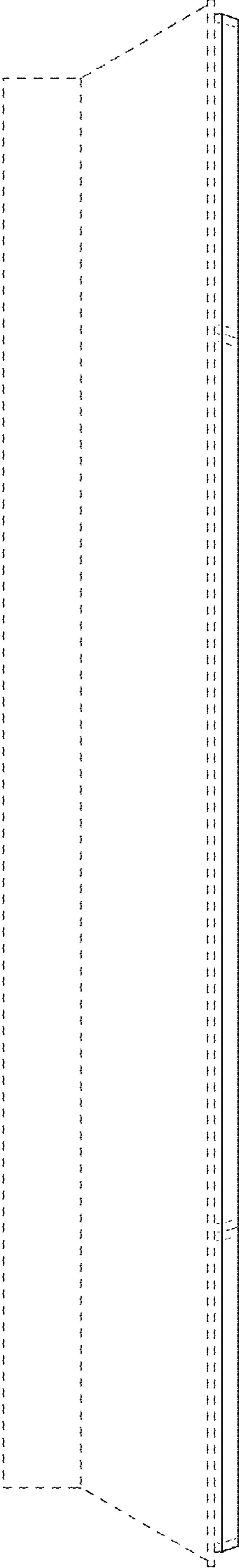


FIG. 4

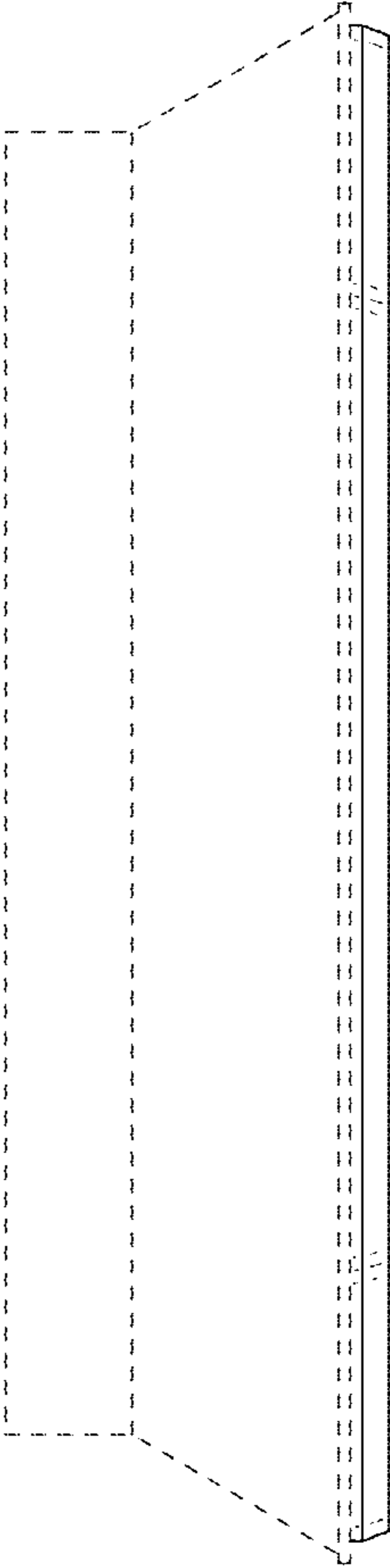


FIG. 5

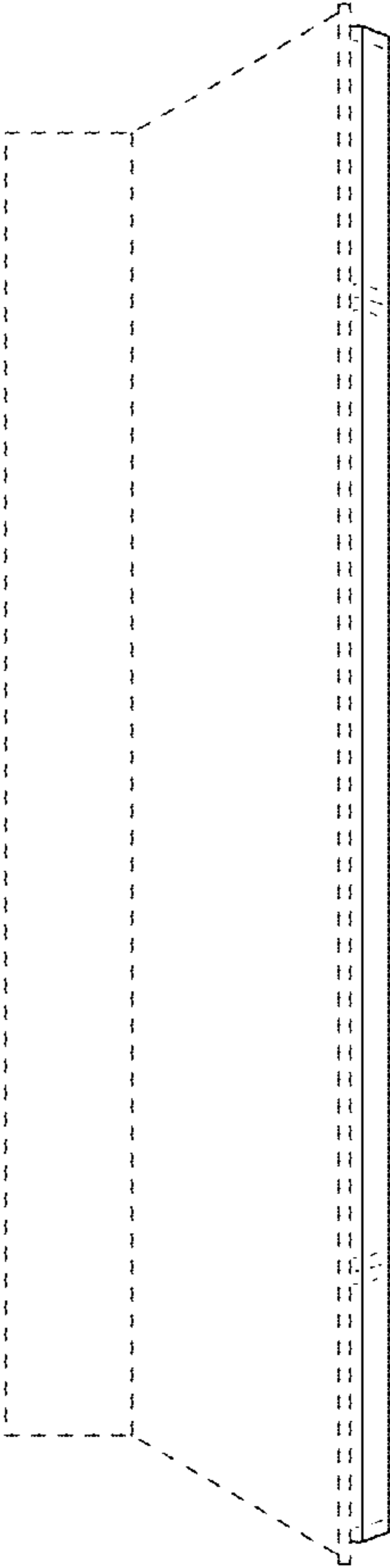


FIG. 6

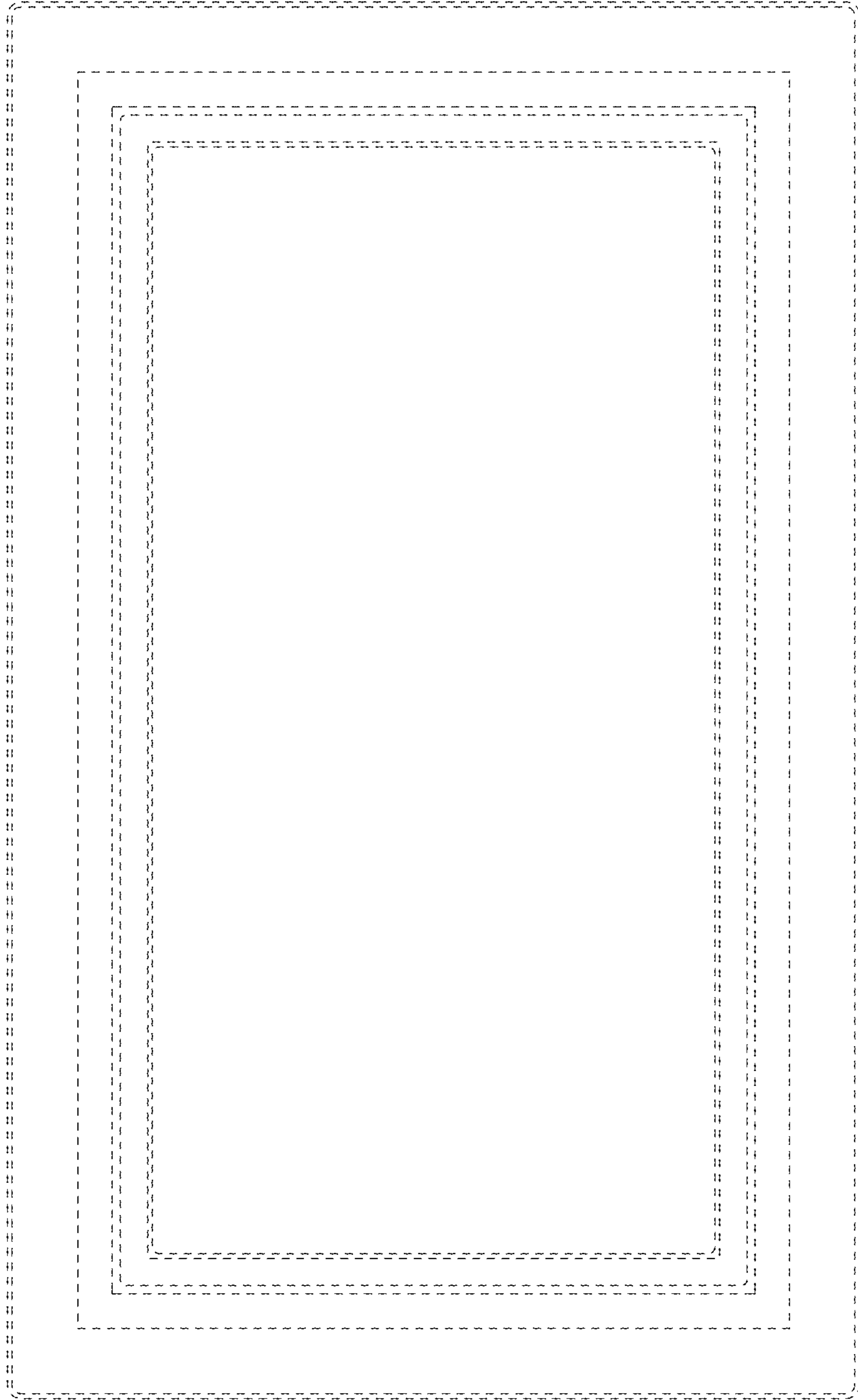


FIG. 7

