HURRICANE MOUNTAIN - SEGMENT 1

Project Time: 45 minutes

Fire Lookout Tower Model Kit

Aermotor, International Derrick and other companies produced all-steel modular fire lookout towers for the U. S. Forest Service from the 1910s to the mid-1920s. This model design is based on the 35 foot tall Aermotor model LS-40. These were particularly common in the midwest and eastern United States. They were delivered to the site as a kit of parts including precut galvanized steel struts, stair sections and hardware. The tower height could be varied by adding platforms and stair sections as needed. The 7 foot by 7 foot observation 'cab' at the top houses the Osborne Fire Finder device.

Assembly Instructions

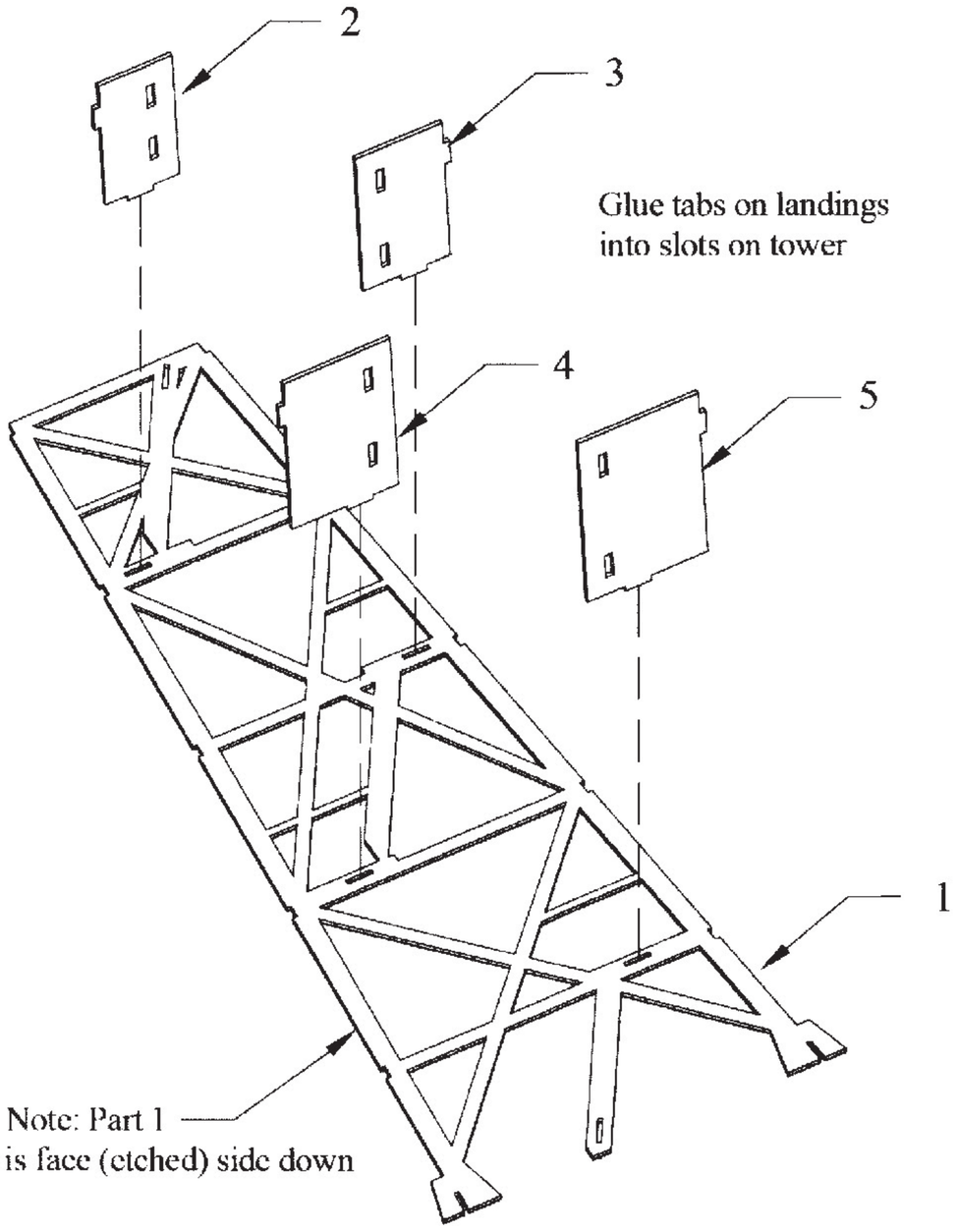
Work on a smooth flat work surface - such as a plastic cutting board. Use a sharp hobby knife (X-Acto) to separate the parts from the part sheets.

Carefully study the assembly diagrams before gluing.
Use white glue (Elmer's 'Glue-All') or similar. Use tiny amounts of glue. Allow the glue to dry between steps.

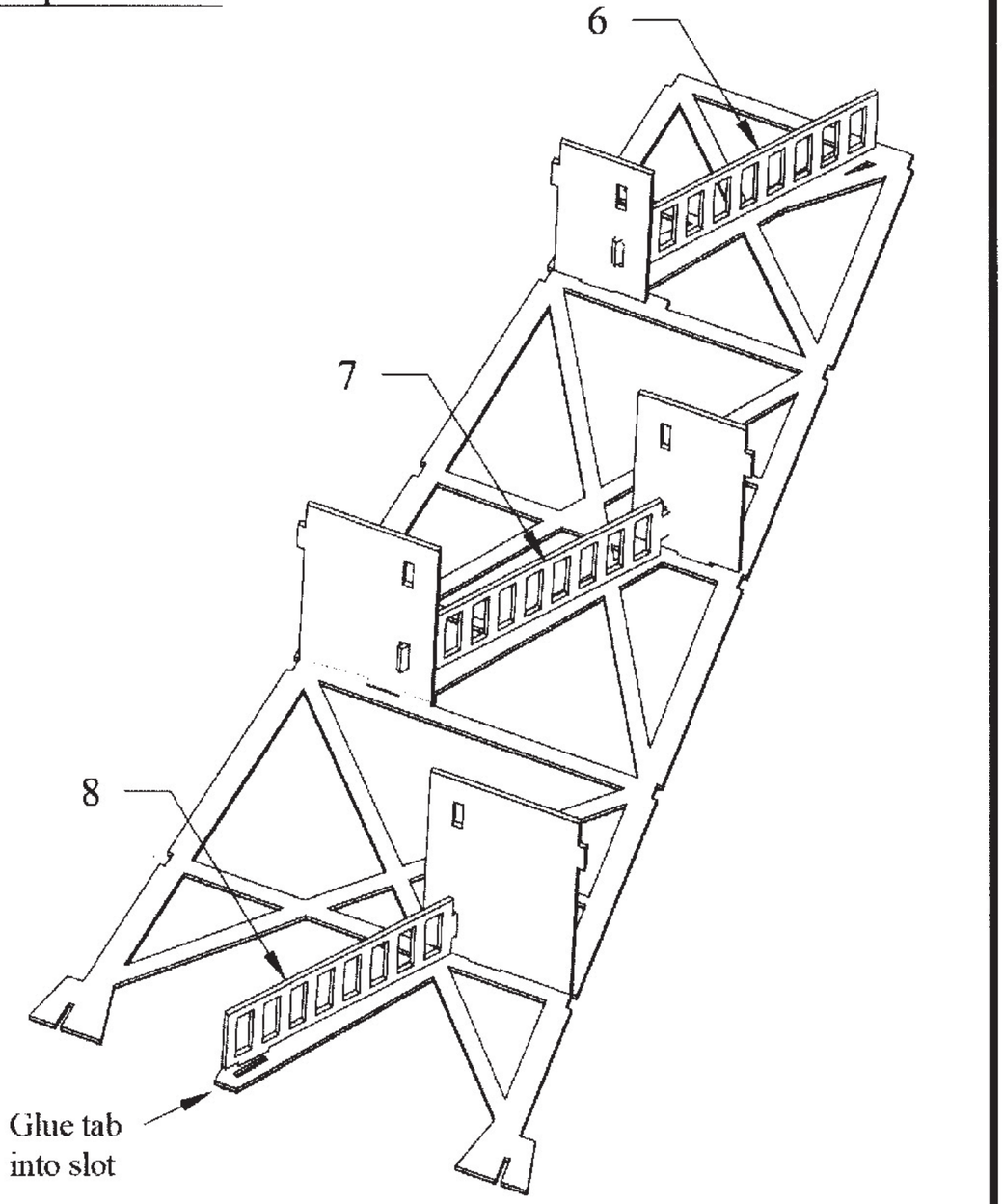
Assemble the parts in order of their part numbers. Start with part 1 and attach part two, then add part three. etc.

Take your time and have fun!

Step 1 - Stair Landings

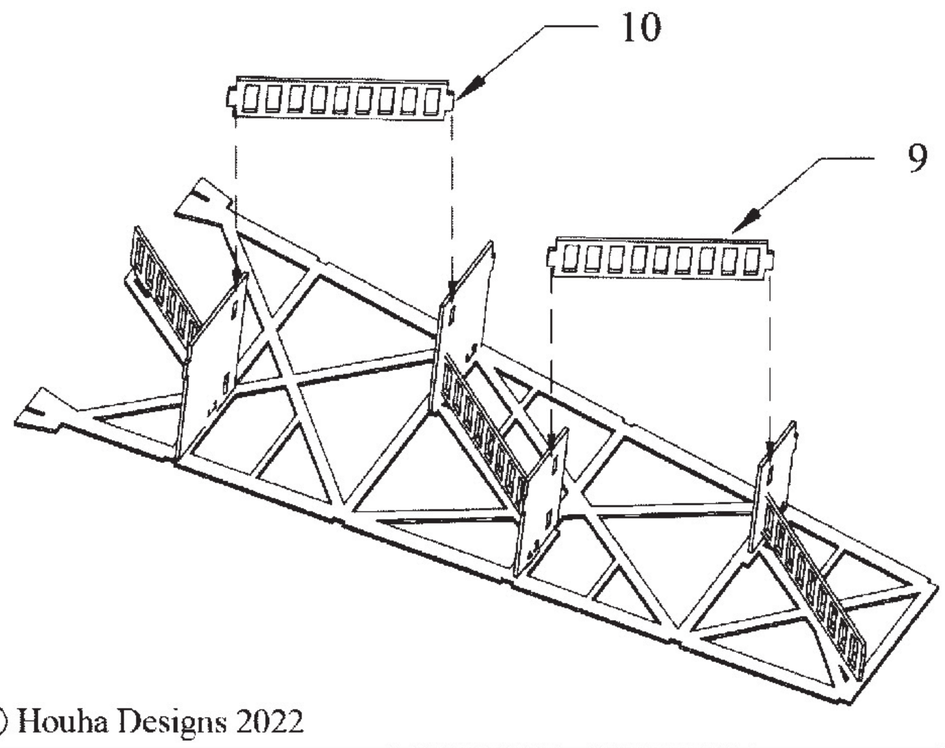


Step 2 - Stairs



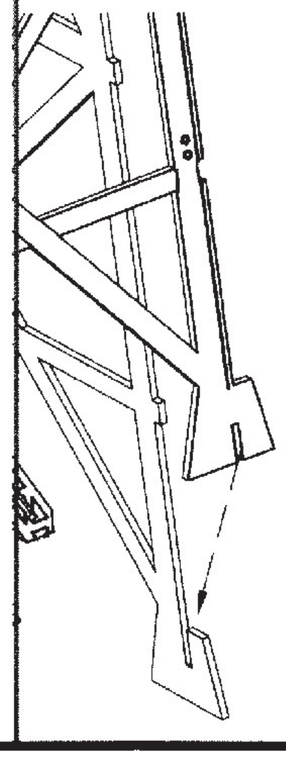
Step 3 - Stairs continued

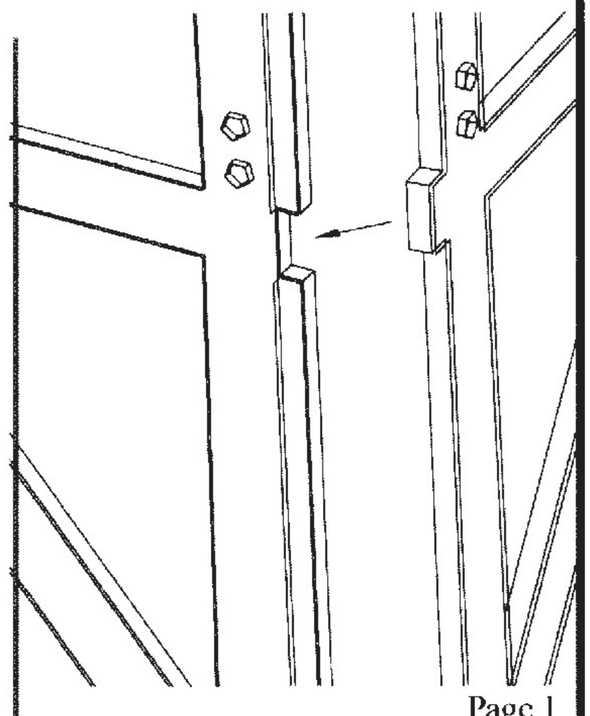
Glue tabs on stairs
into slots on landings



Step 4 - Tower assembly

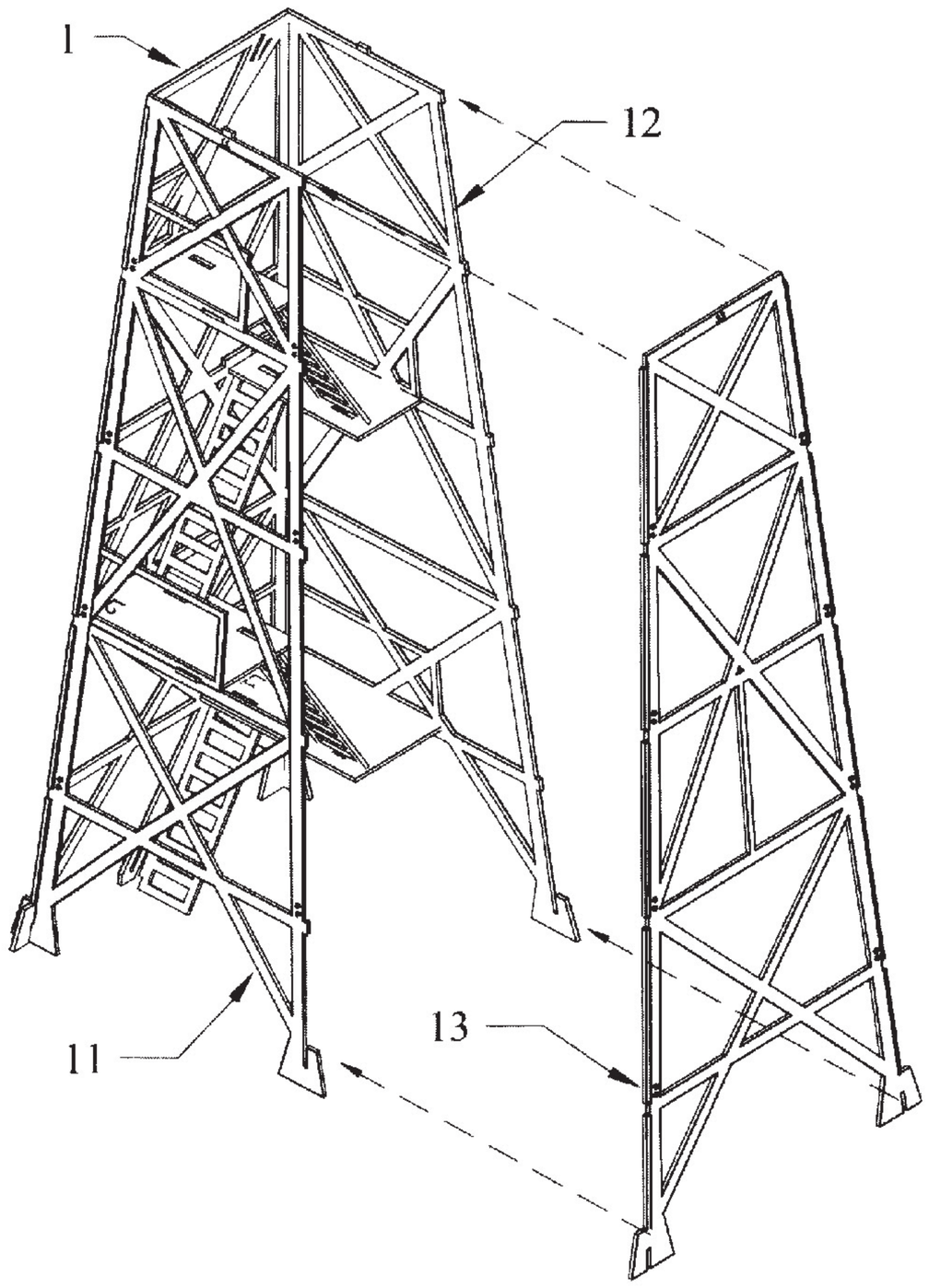
The tower legs have interlocking tabs and notches at the edges and base.



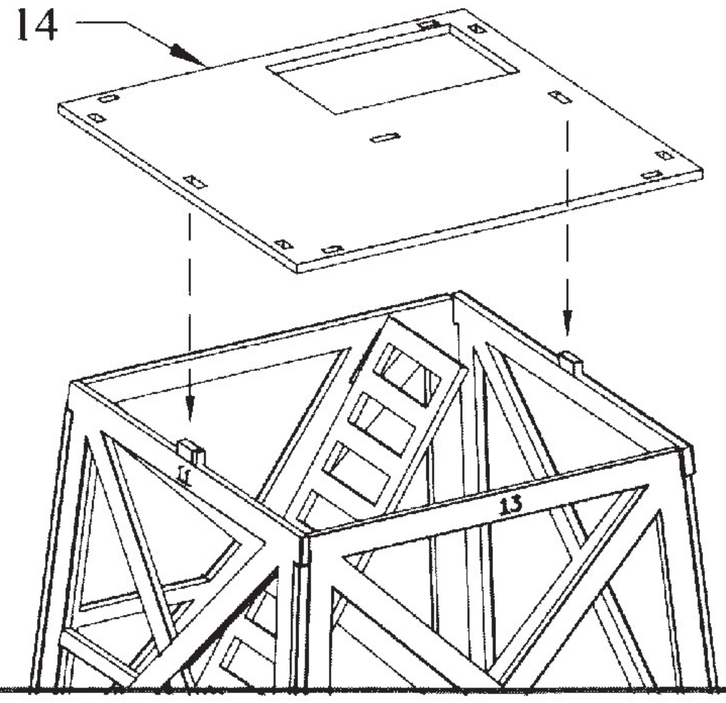


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Step 5 - Tower Assembly continued

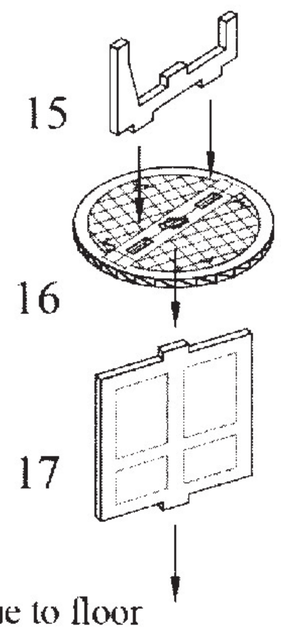


Step 6 - Floor



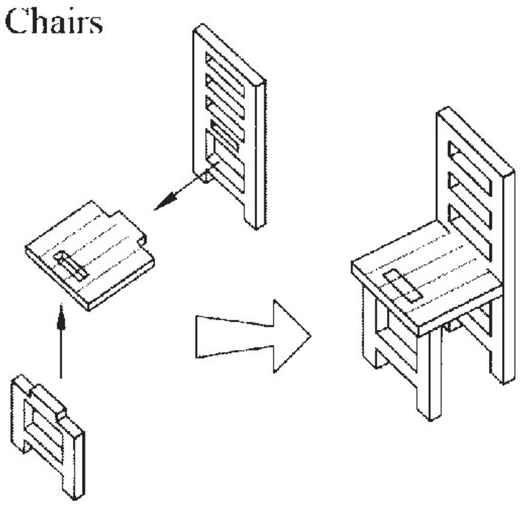
Step 7 - Interior

Osborne Fire Finder



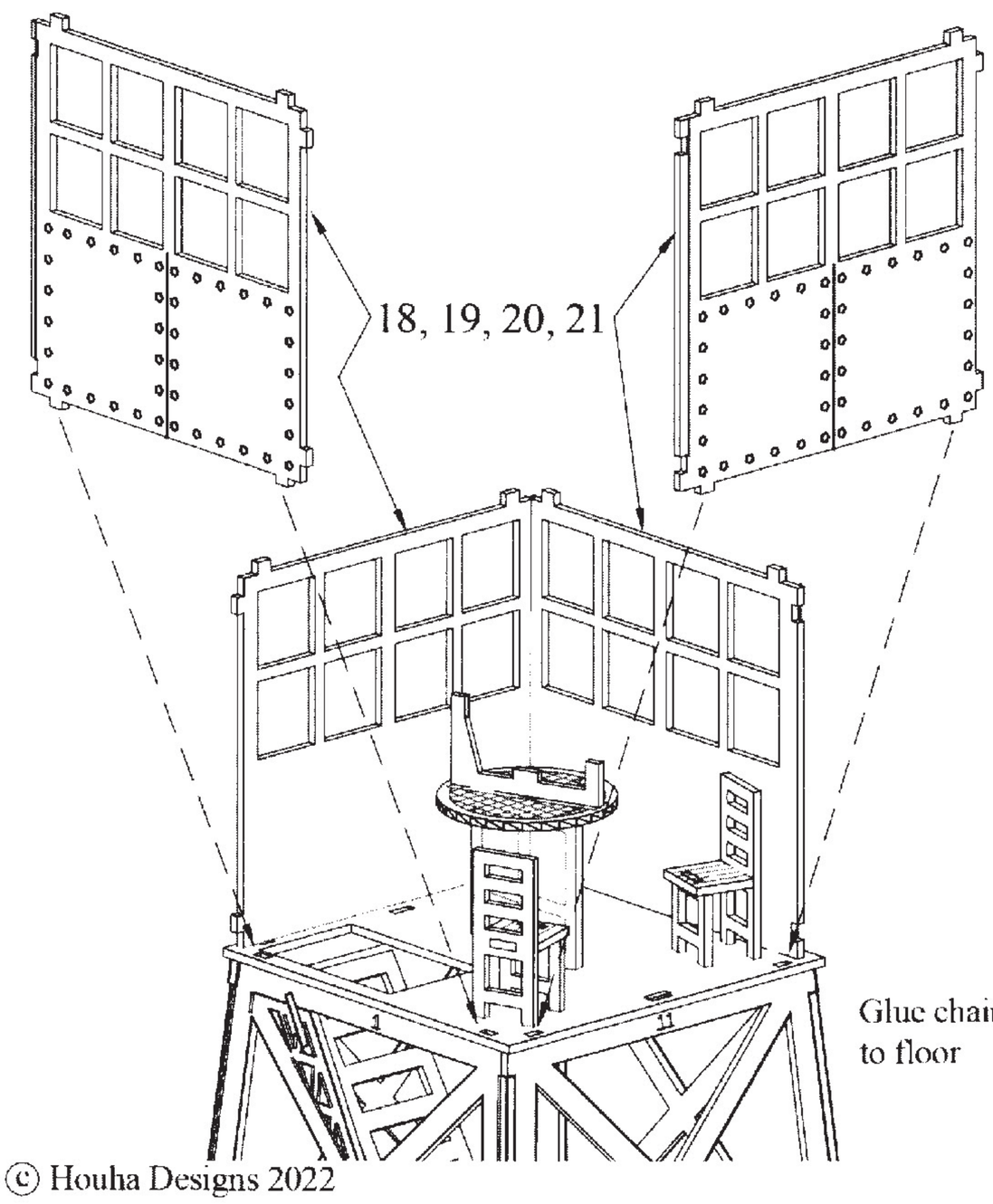
Glue to floor

Chairs



Make two chairs as shown.

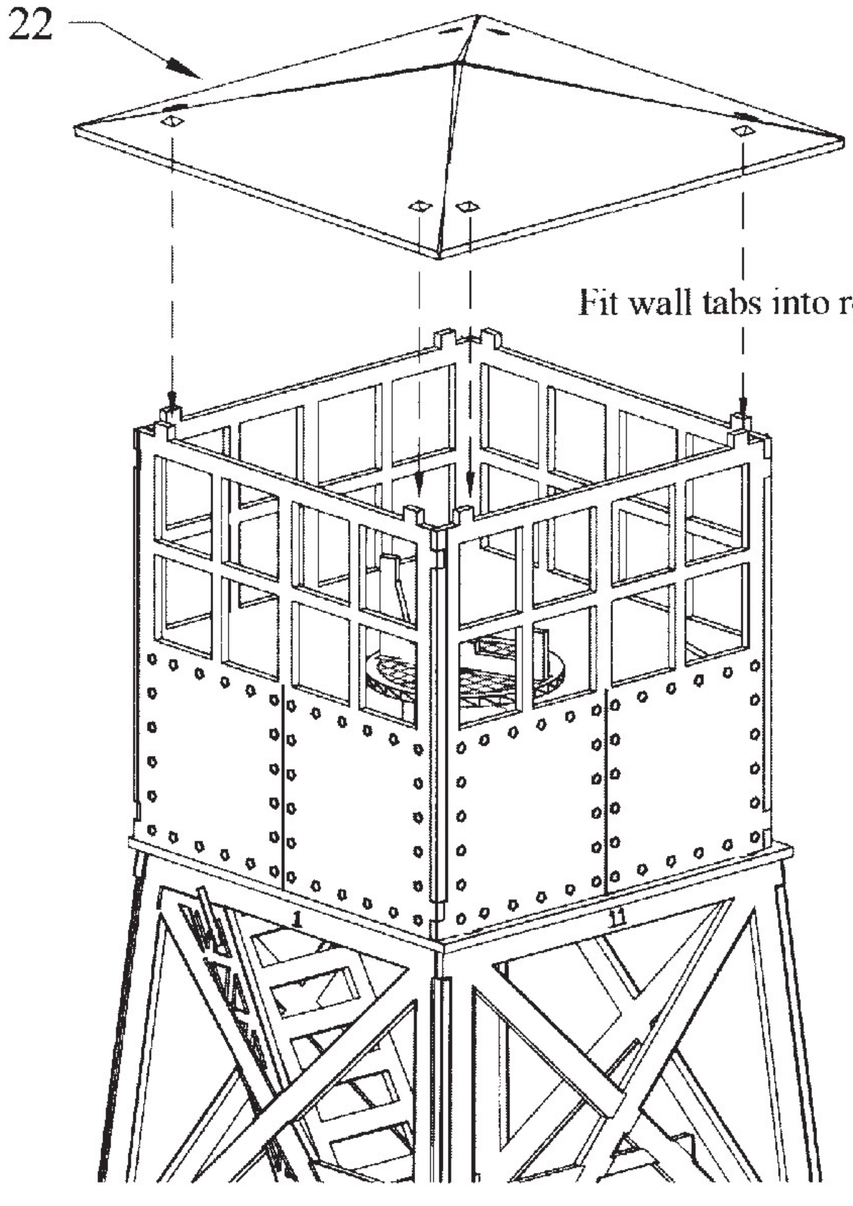
Step 8 - Walls



Glue chairs to floor

Step 9 - Roof

Bend part 22 to form a shallow pyramid.



Fit wall tabs into roof slots

Congratulations!
Your Fire Lookout Tower model is complete!

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