

LASER PEGS®

The Ultimate Construction Toy For Kids®

NATIONAL
GEOGRAPHIC™

LANDMARKS
& ARCHAEOLOGY

Ages 5+

30 Models+

ANY CREATION YOU CAN BUILD

LIGHT UP

CONSTRUCTION SET INCLUDES:

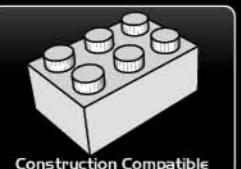
- 32 Laser Pegs®
- 244 Construction Parts
- 3-D Lite Board®
- Instruction Manual

Requires 3-AA Batteries

Batteries NOT
Included

Please read this manual before you begin! Failure to follow this manual's instructions may result in damage to the 3-D Lite Board®, AC Adapter and/or Laser Pegs®. Not adhering to these instructions will void the manufacturer's warranty. The packaging must be kept because it contains important information.

WARNING:
CHOKING HAZARD-Small parts. Not for children under 3 yrs. Do not submerge in water.

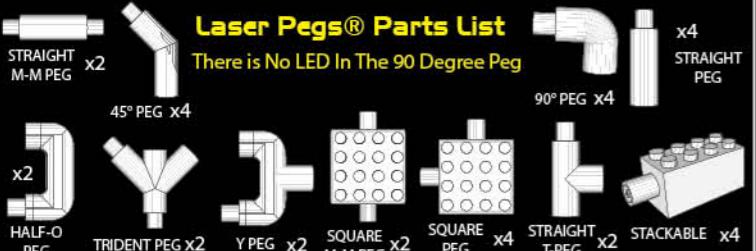


Compatible with other construction kits

EN71, RoHS COMPLIANT
This product complies to all safety requirements of ASTM F 963

MODEL INSTRUCTIONS

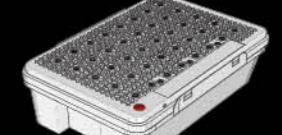
All additional model instructions can be downloaded at www.LaserPegs.com



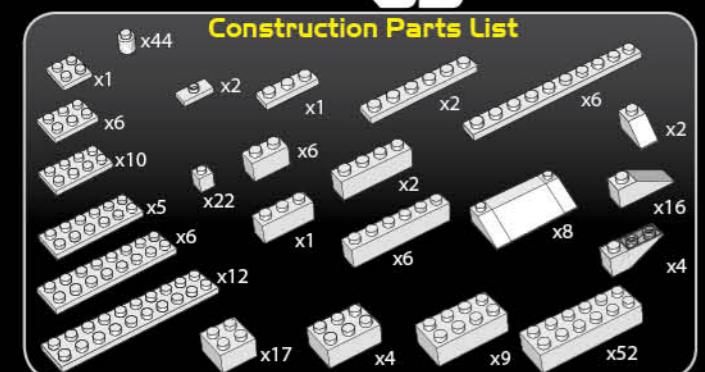
Color Code Each Laser Peg® is color coded on the circuit board inside each shape. There is No LED In The 90 Degree Peg.



Laser Pegs® link that allows you to connect to other construction kits.



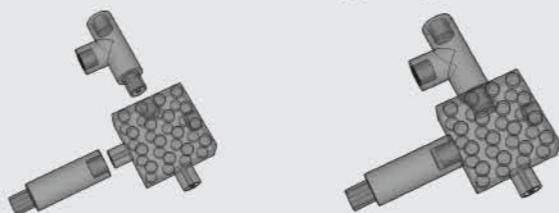
Sound Activated
3D LITE BOARD®



www.LaserPegs.com

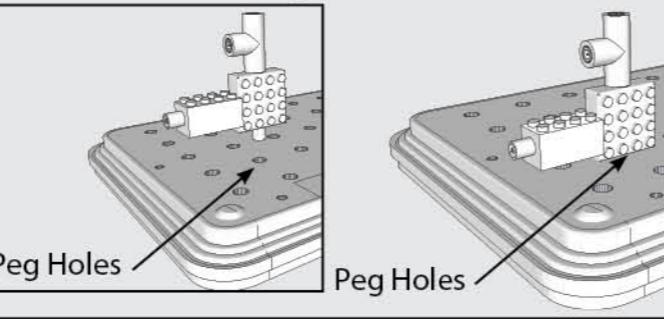
This manual is copyright and cannot be reproduced or used online without Laser Pegs®Ventures LLC permission. © Copyright 2014. All Rights Reserved US Patent #7,731,558 Additional Global & Multiple Patents Pending. Laser Pegs®Ventures LLC, 8304 Consumer Ct Sarasota FL 34240. Contact: Support@LaserPegs.com

Connecting Pegs



To construct with Laser Pegs®, slide two pieces together to form a connection. Slide each piece on and off smoothly. The 90° Pegs are essential to construction but they DO NOT LIGHT UP.

Connect Laser Pegs® to 3D Lite Board®



Press button to turn on/off

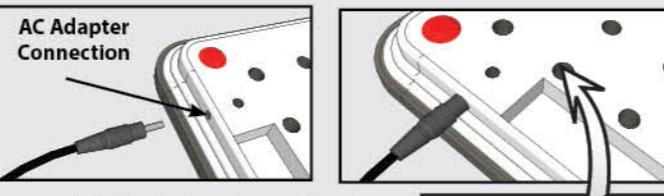
Push button to cycle through 4 different light settings.
SOUND/ON/FLASH/FLASH FASTER

**WARNING: STROBE LIGHTS
MAY CAUSE SEIZURES**

Power Button

Connecting an AC Adapter

Plug AC Adapter Plug into the SIDE of the 3D Lite Board®.
*AC Adapter sold separately.



Remove all batteries from Laser Pegs® 3D Lite Board® power base before using 5-volt AC adapter.

*To avoid short-circuits, keep metal objects and other unauthorized materials from obstructing the peg holes.

NEVER place AC Adapter Plug into top Peg Holes

Never connect more than 200 Laser Pegs® when using a 5-volt (2000mA) AC Adapter.

The AC Adapter and the 3D Lite Board® are to be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage, they must not be used until the damage has been repaired.

Battery Compartment

Batteries NOT
Included

Battery Compartment
Requires (3AA) Batteries

Place batteries in the correct position when using.

Replacing Batteries

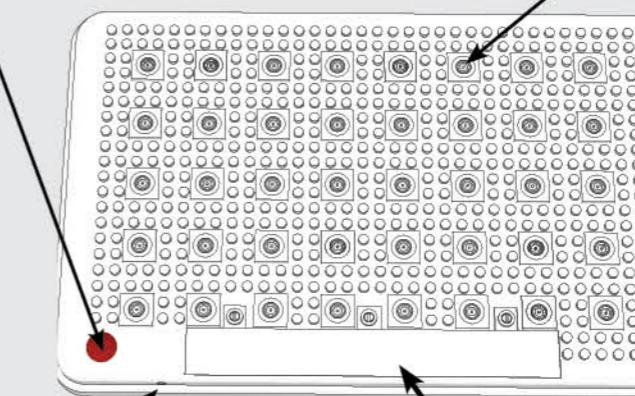
1. Remove the three (3) screws and the Battery Compartment Cover.
2. Place three AA batteries in the correct position - as displayed inside the 3D Lite Board®. **Batteries are to be inserted with the correct polarity.**
3. Replace the three (3) screws and the Battery Compartment Cover.
4. Push RED button to turn on!
5. Do not mix old and new batteries.
6. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium, NiMH) batteries!
7. Exhausted batteries are to be removed from the power base.
8. Never connect more than 200 Laser Pegs®.
9. Non-rechargeable batteries are not to be recharged.
10. Rechargeable batteries are only to be recharged under adult supervision.
11. Rechargeable batteries are to be removed from the toy before being recharged.
12. The supply terminals are not to be short-circuited.
13. Batteries should be recycled or disposed of as per state and local guidelines.
14. **DO NOT THROW BATTERIES INTO FIRE!**

3D Lite Board®

Power Button

4 light settings.
Press power button to change light setting.

SOUND/ON/FLASH/FLASH FASTER



Peg Holes

Construction Kit Compatible Studs

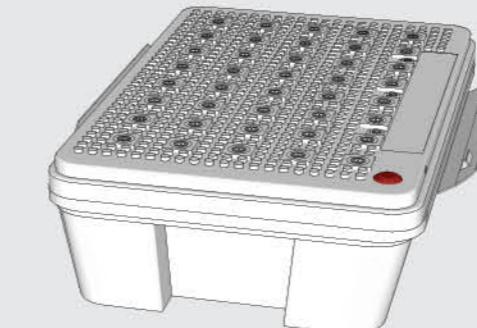
Battery Compartment

Requires (3AA) Batteries

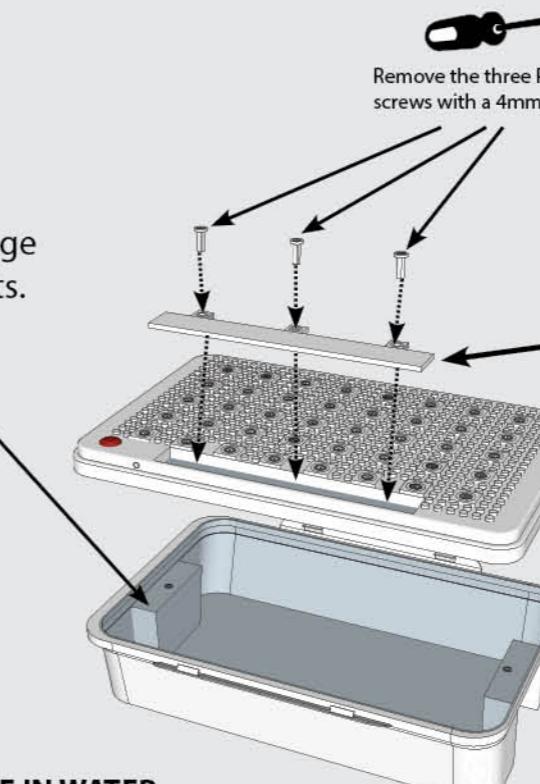
Environmental Phenomena

* The unit may malfunction if subjected to radio-frequency interference. It SHOULD revert to normal operation when the interference stops. If not, it may become necessary to turn the power off and back on, or remove and reinstall the batteries.

* In the unlikely event of an electrostatic discharge, the unit may malfunction and lose memory, requiring the user to reset the device by removing and reinstalling the batteries.



Hinge
Pull outward to open.



Remove the three Phillips head screws with a 4mm screw driver.

Tote Box

Designed for storage of Laser Pegs® parts.

Battery Compartment Cover

DO NOT SUBMERGE IN WATER

WARNING! Each Laser Peg® draws current from the batteries. Therefore, the more pegs you use, the quicker you will deplete your battery power! As the power weakens, the current will slowly fail and some Laser Pegs® will illuminate (typically the reds and yellows) and some won't. When the Laser Pegs® dim the Laser Pegs® are not broken, they just need stronger batteries or an AC Adapter.

You have 3 simple options...

1. Use a 5-volt AC Adapter -available from www.LaserPegs.com

2. Change the batteries.

3. Use high quality batteries. They will last a little longer, but they will still deplete rapidly the more laser pegs you connect!

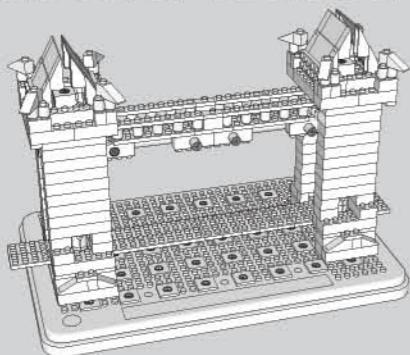
TOWER BRIDGE OF LONDON: An estimated 40,000 people traverse this famous London landmark every day. It is named for the Tower of London fortress, which is located close to the bridge on the north bank of the River Thames.



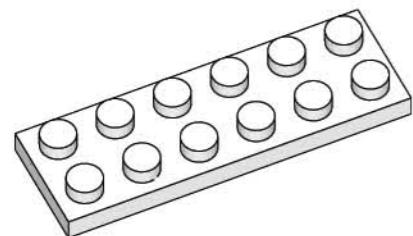
TOWER BRIDGE OF LONDON

Model
Difficulty
Level

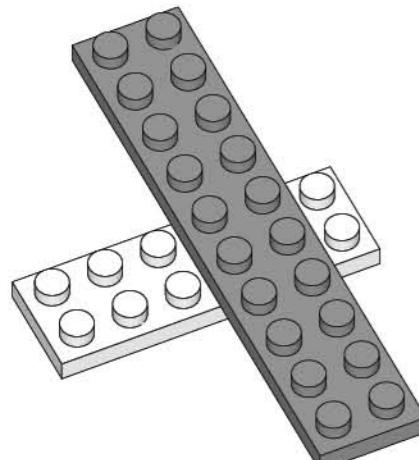
5



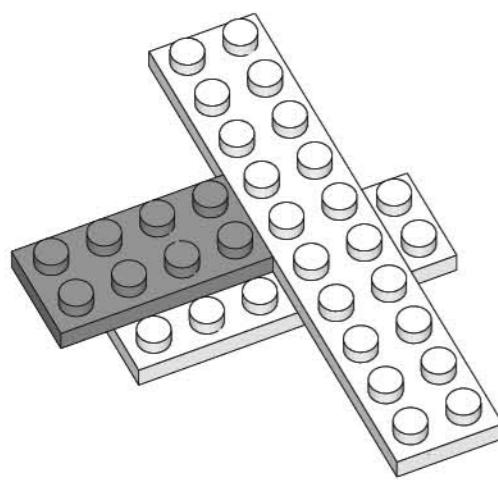
STEP 1



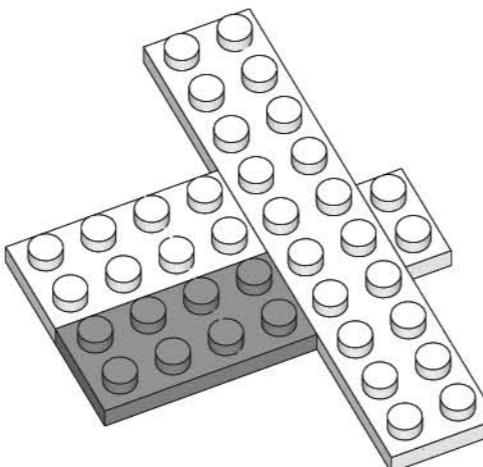
STEP 2



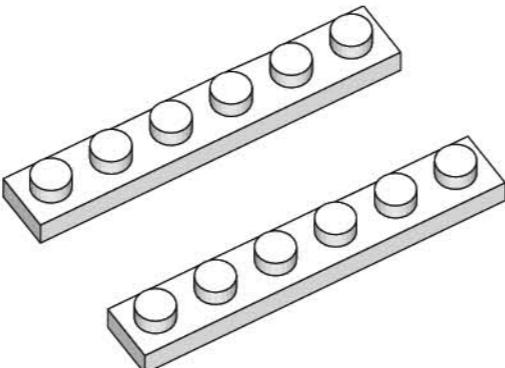
STEP 3



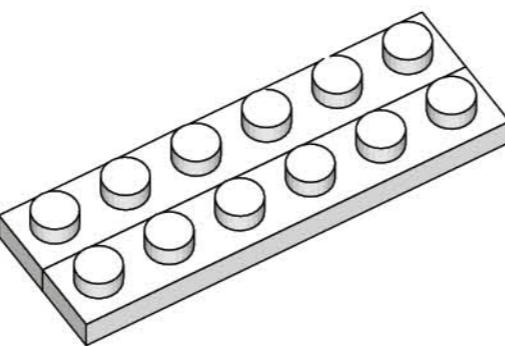
STEP 4



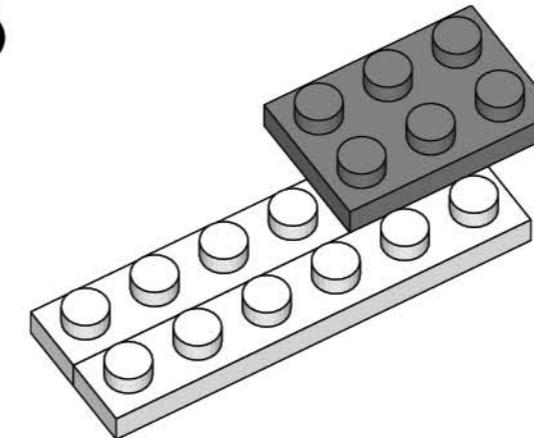
STEP 5



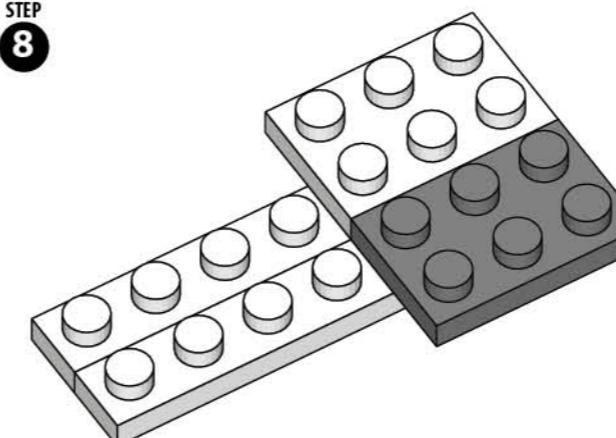
STEP 6



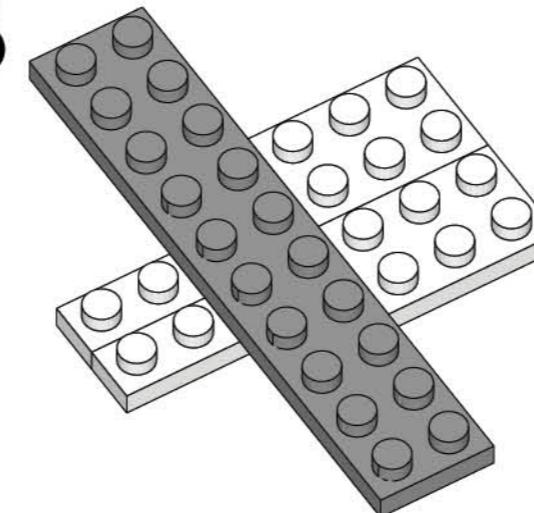
STEP 7



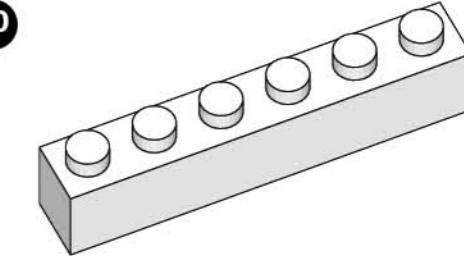
STEP 8



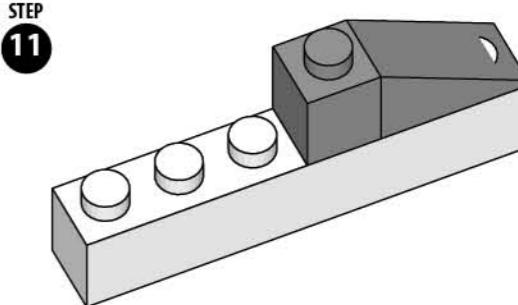
STEP 9



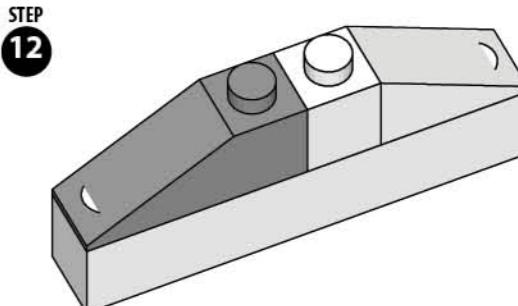
STEP 10



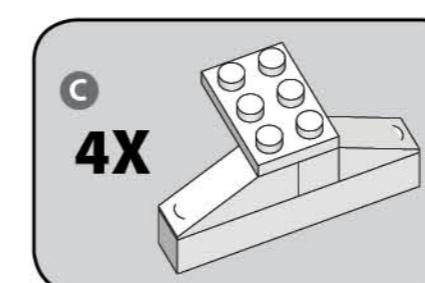
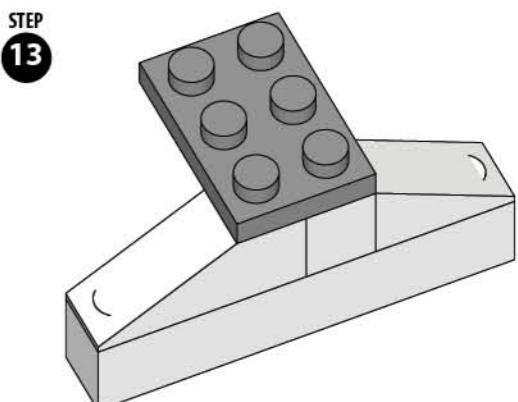
STEP 11



STEP 12

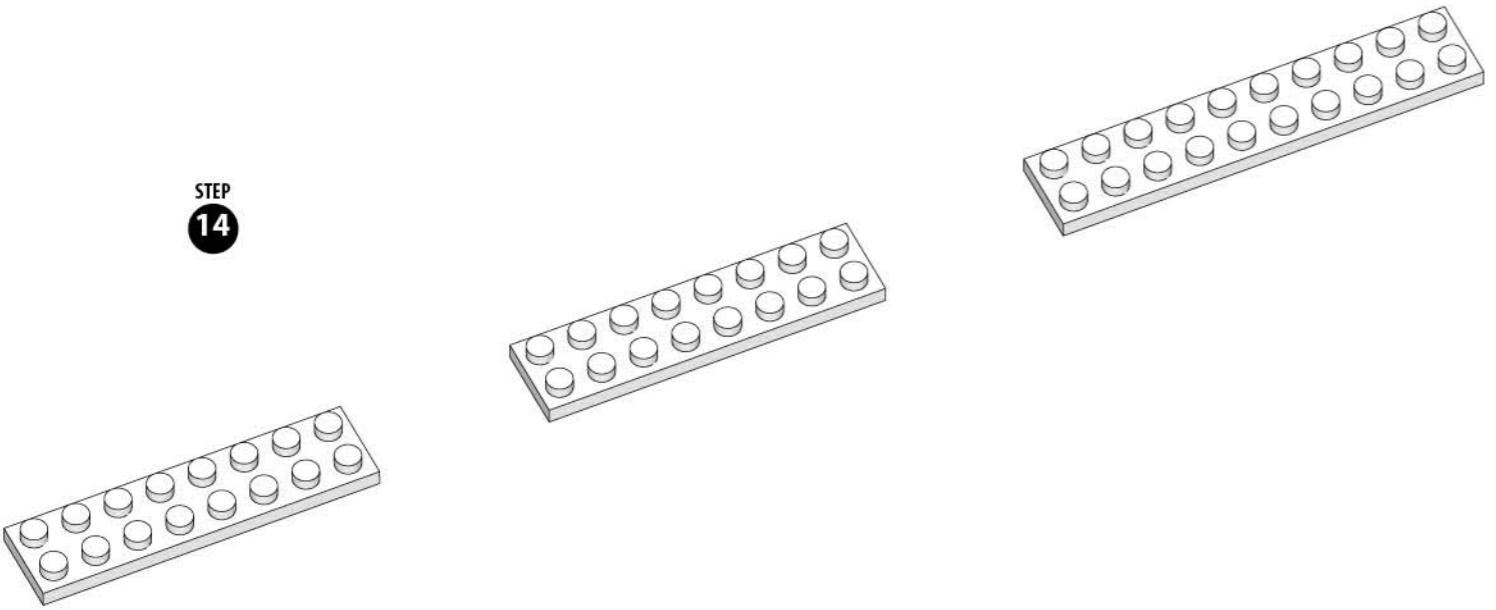


STEP 13

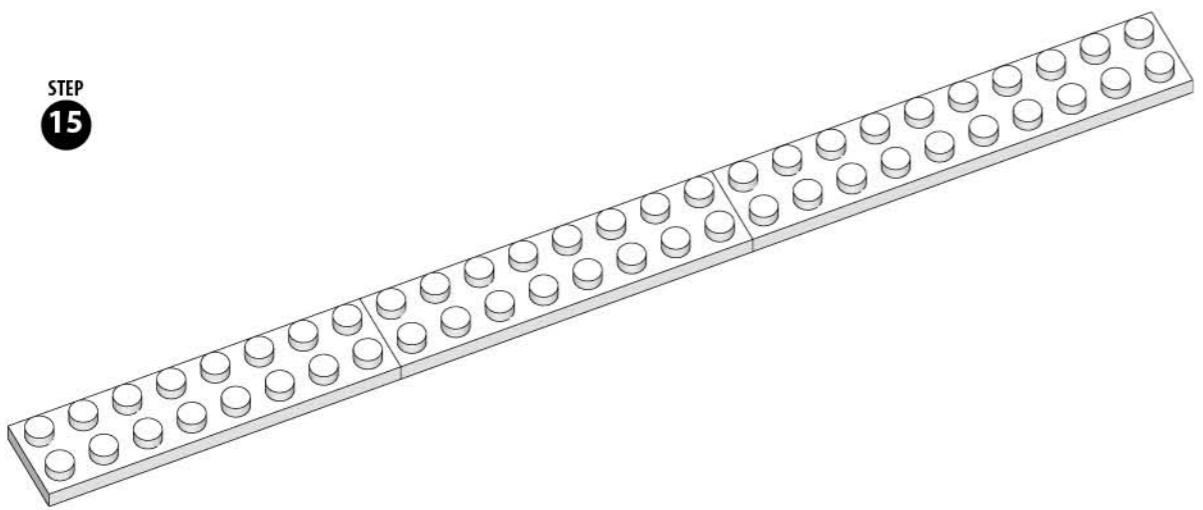


Laser Pegs® CARES
Questions? Comments?
For additional compliance info:
1-866-432-3735
Contact: Support@LaserPegs.com

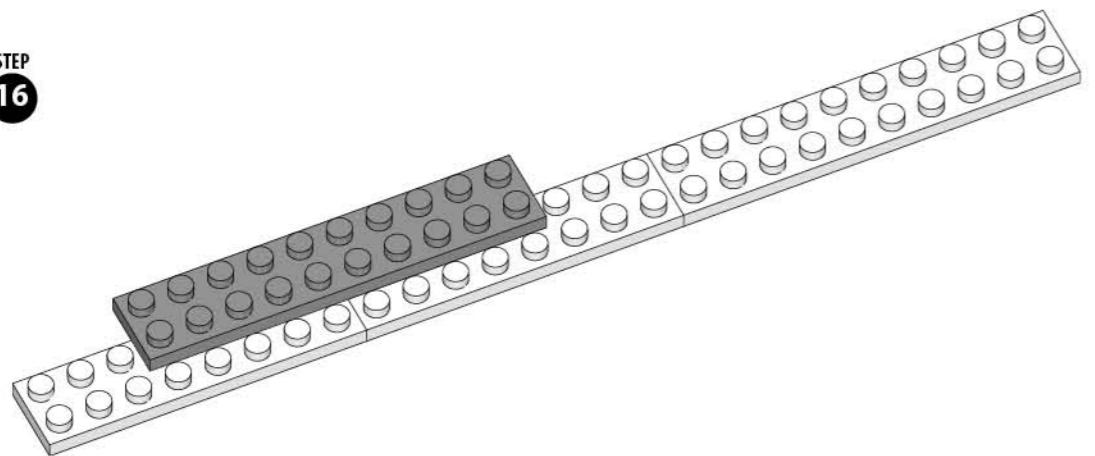
STEP
14



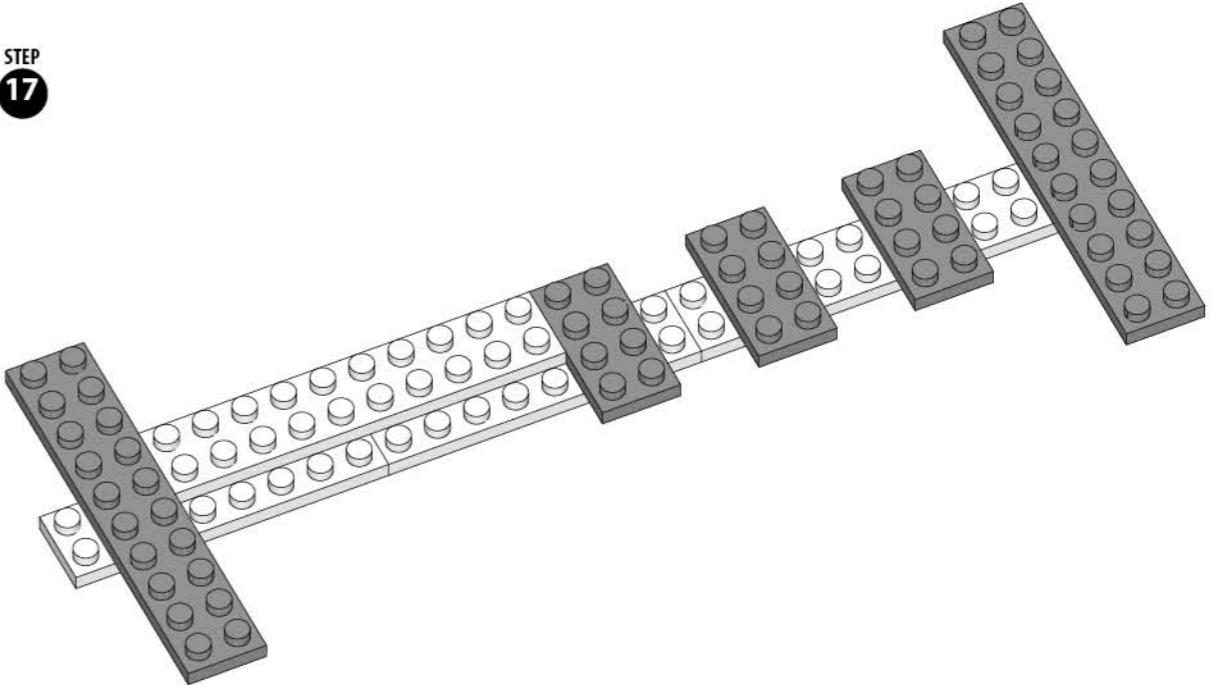
STEP
15



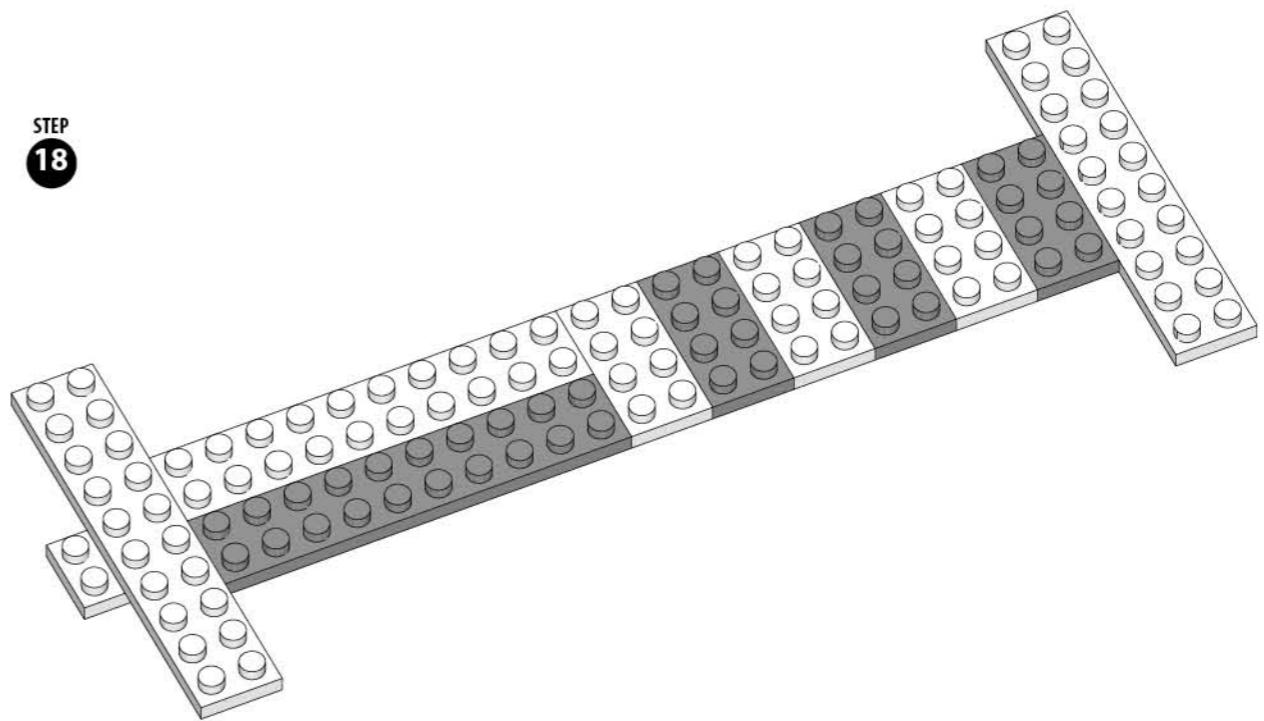
STEP
16

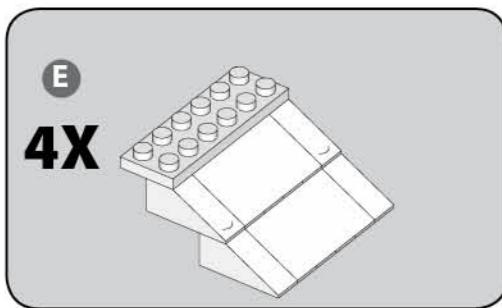


STEP
17

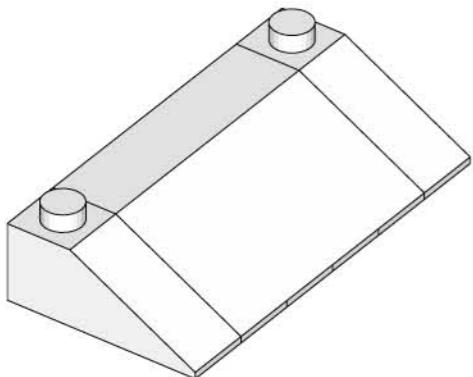


STEP
18

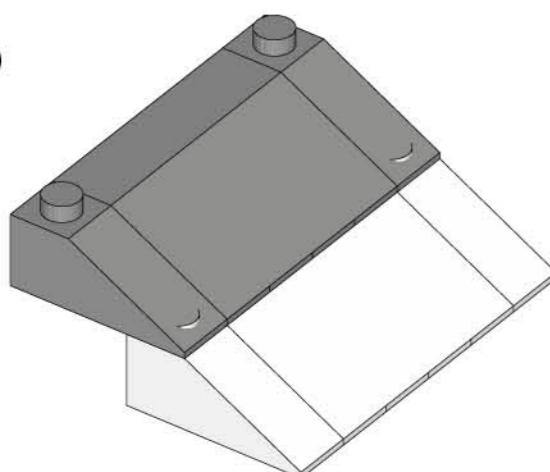




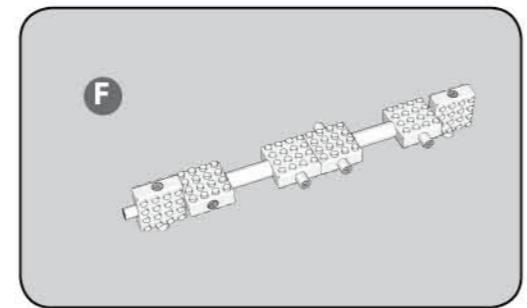
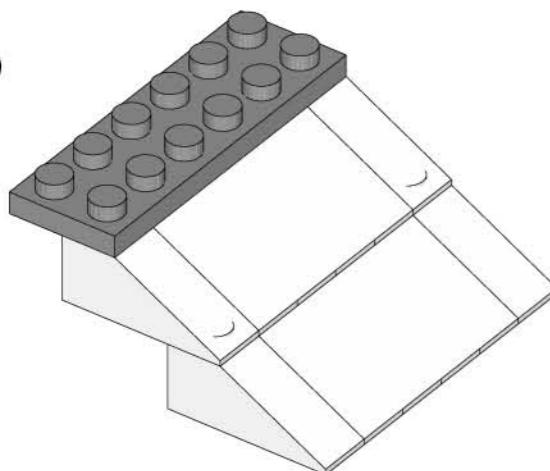
**STEP
19**



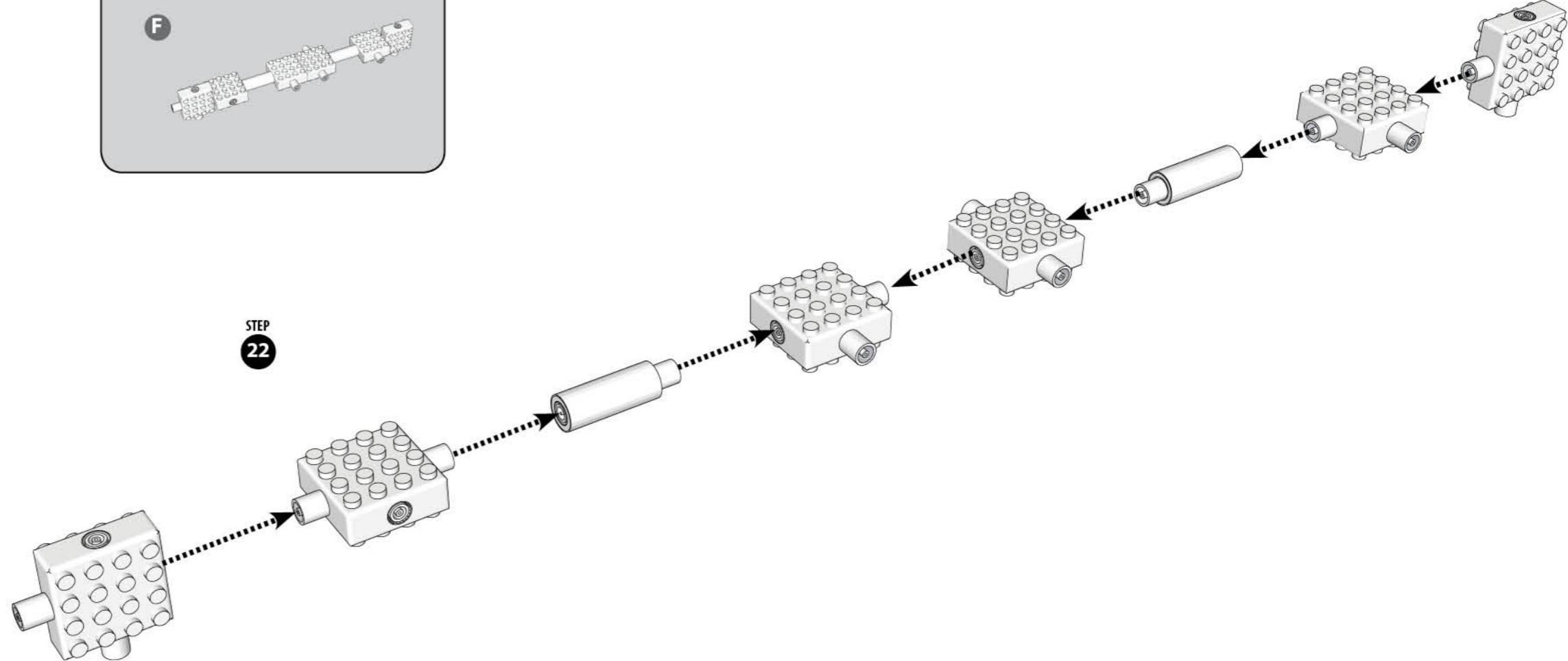
**STEP
20**



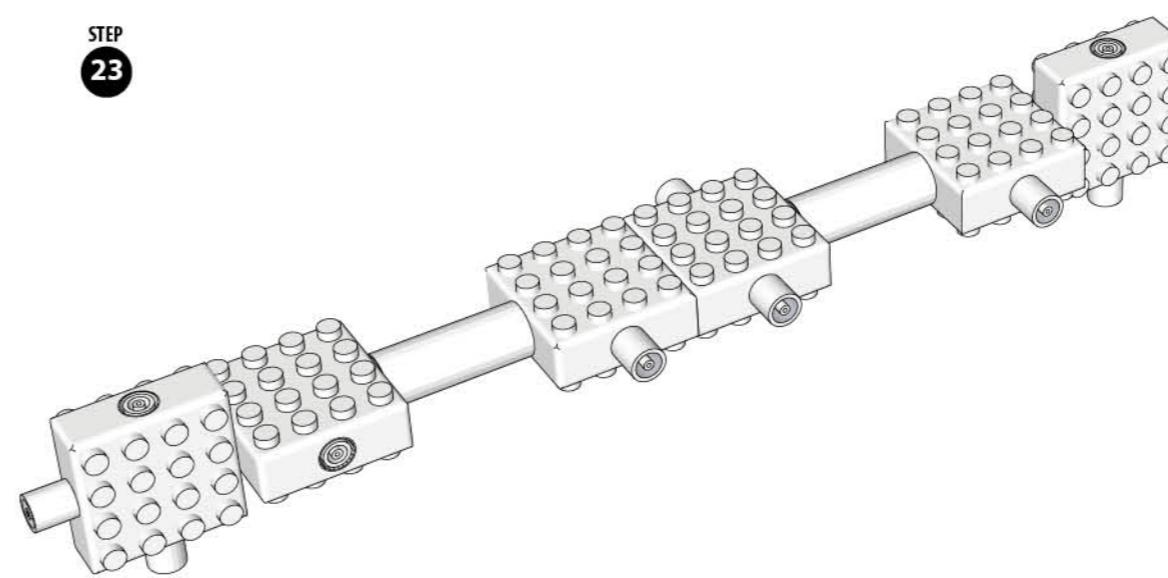
**STEP
21**



**STEP
22**



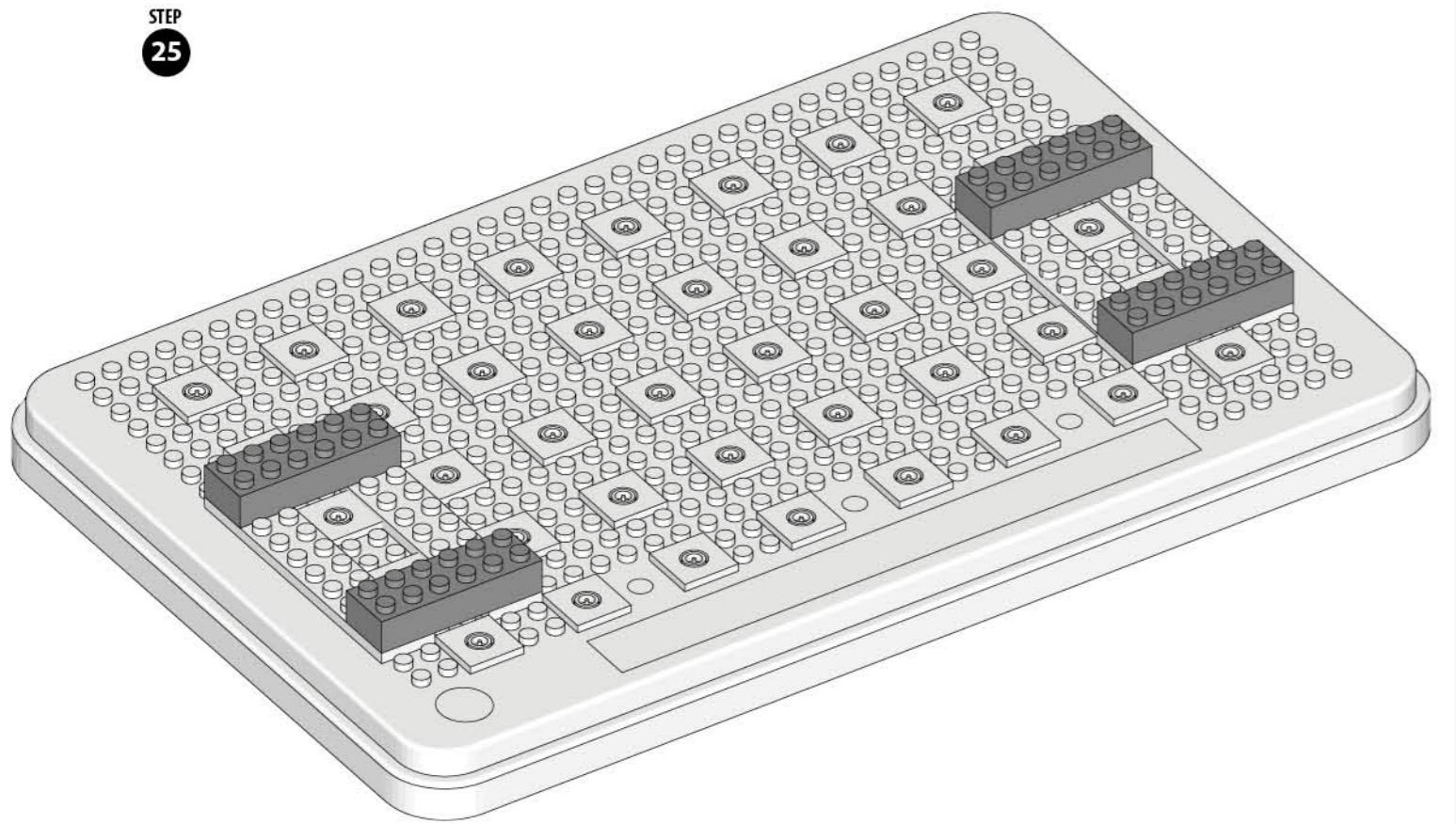
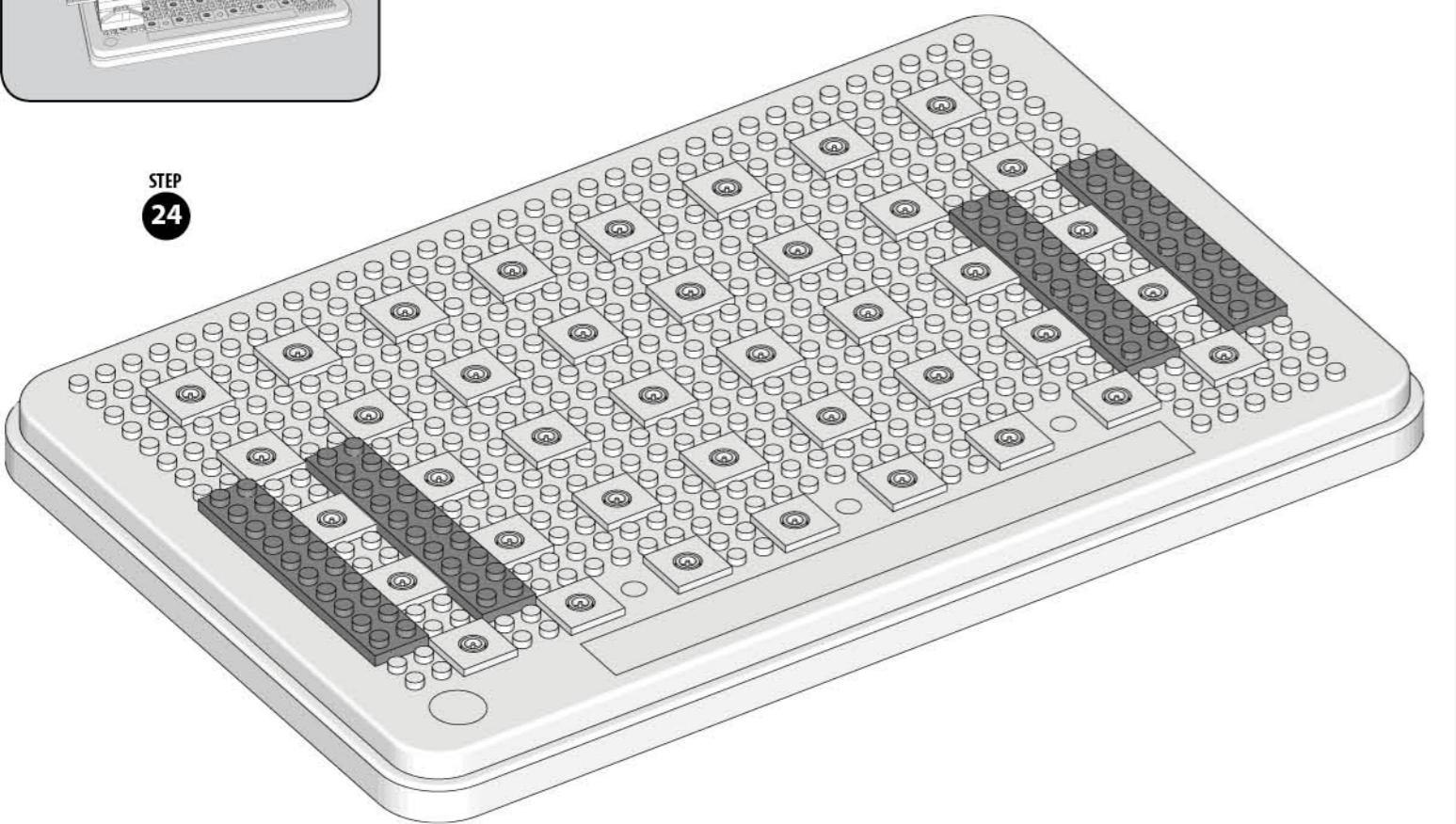
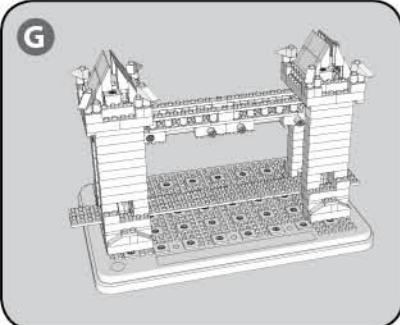
**STEP
23**



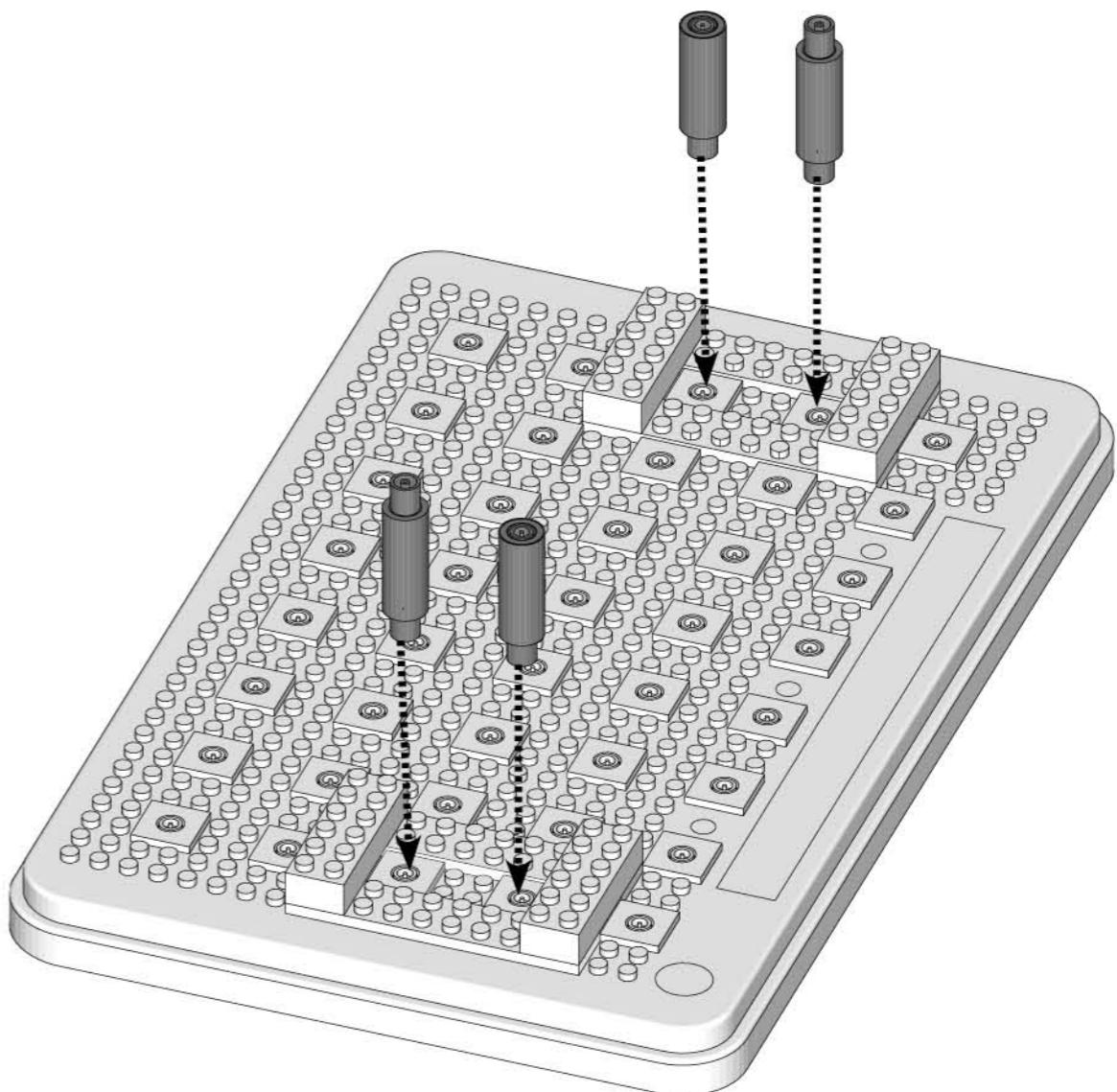
National Geographic's net proceeds support vital exploration, conservation, research, and education programs.

www.LaserPegs.com

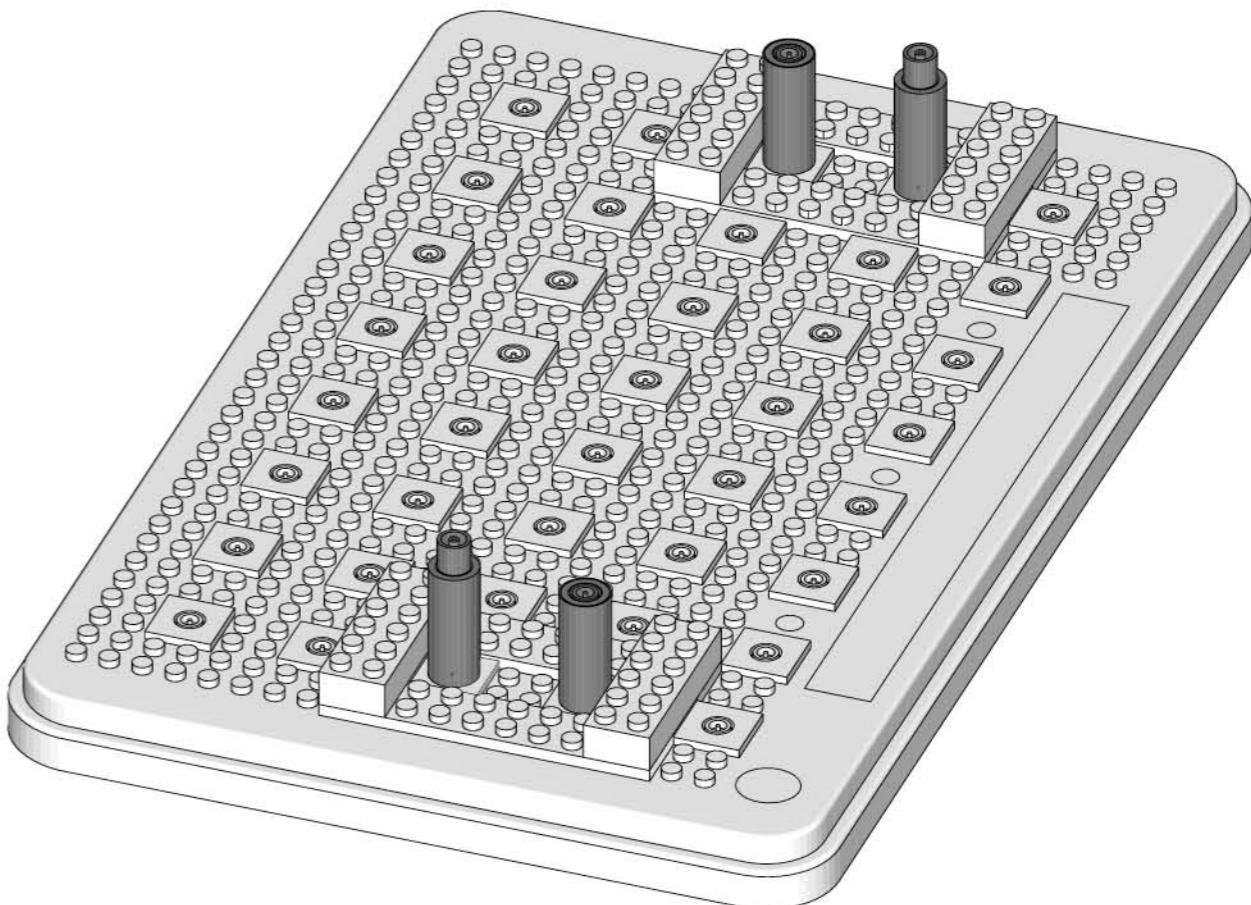
Copyright 2014 © All Rights Reserved Global & Multiple Patents Pending.
US Patent #7,731,558



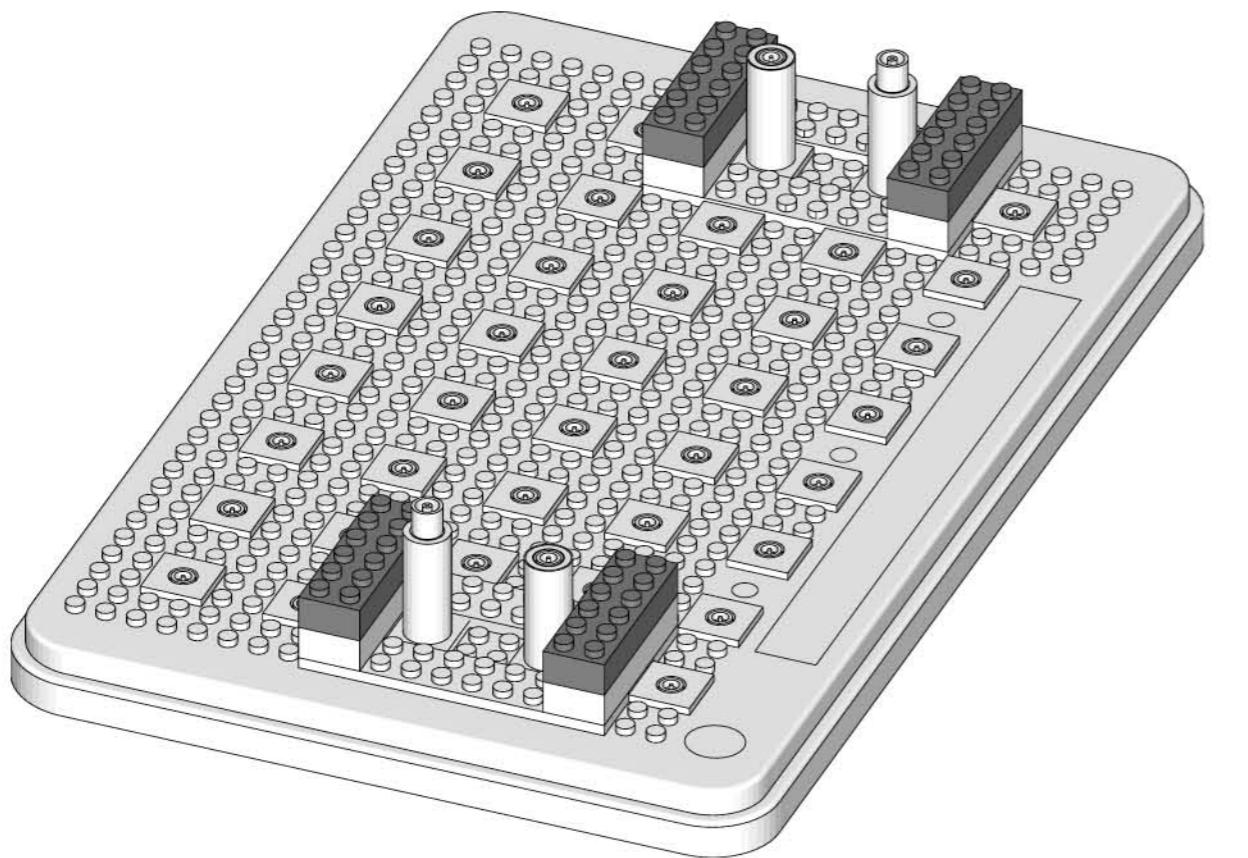
**STEP
26**



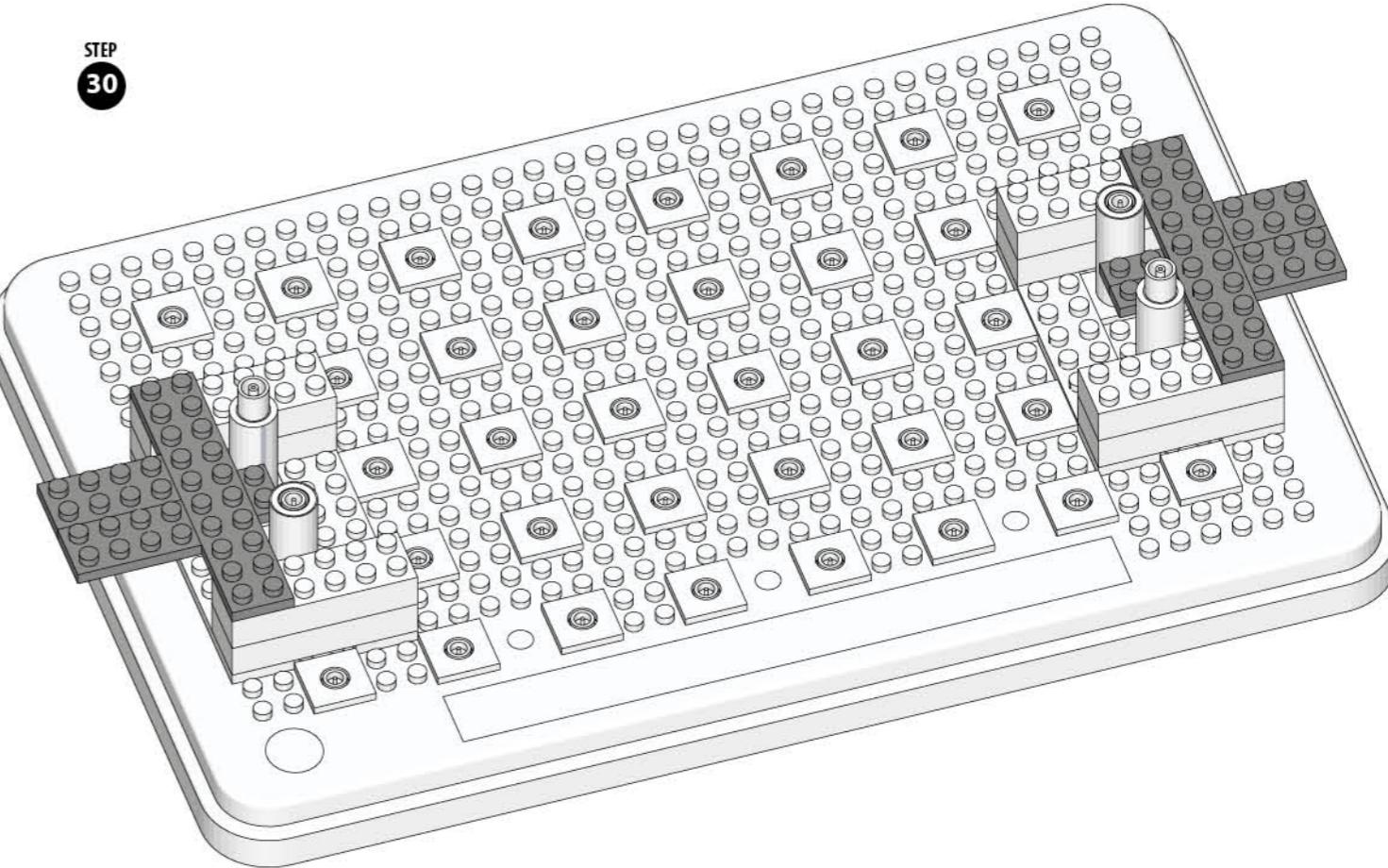
**STEP
27**



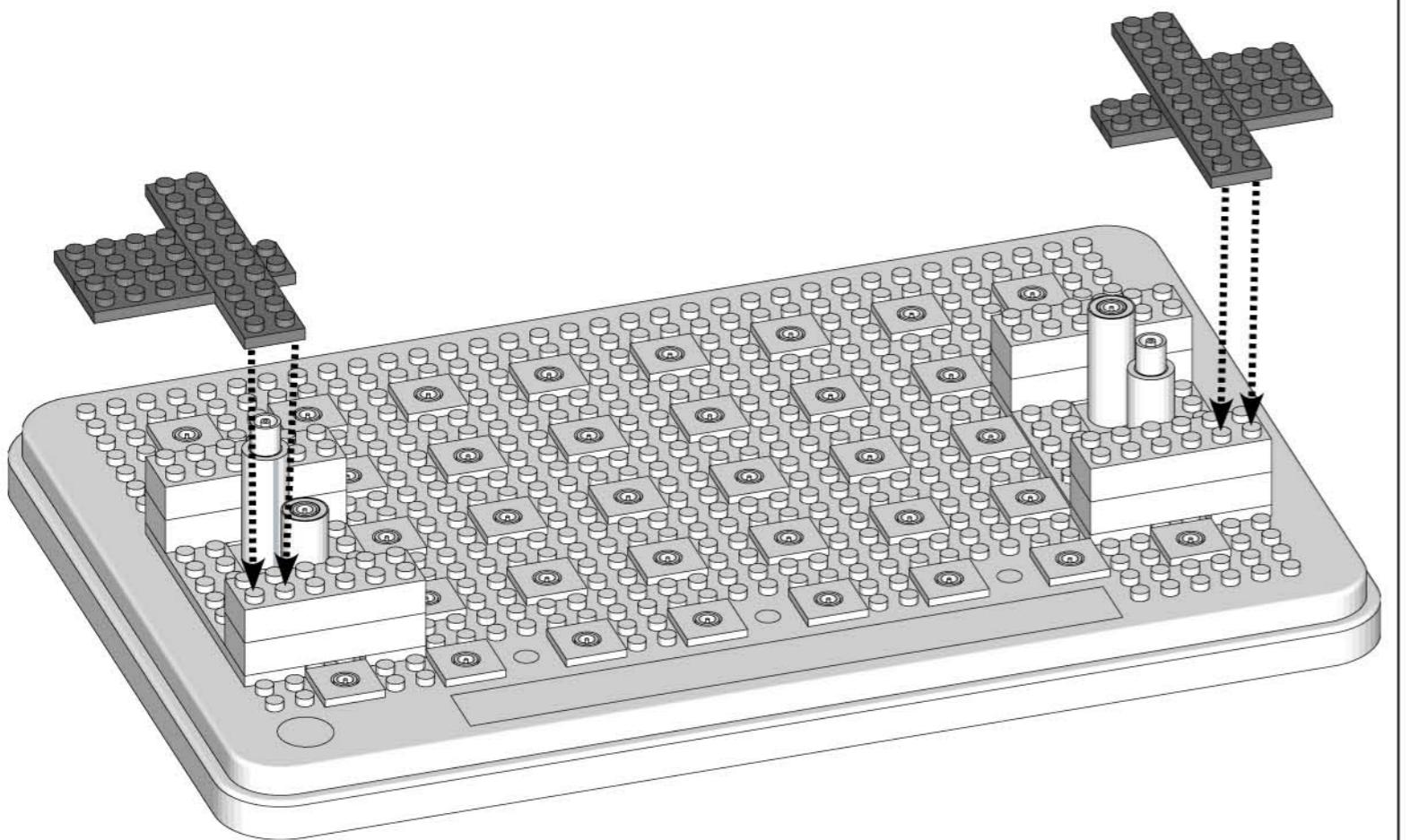
STEP
28



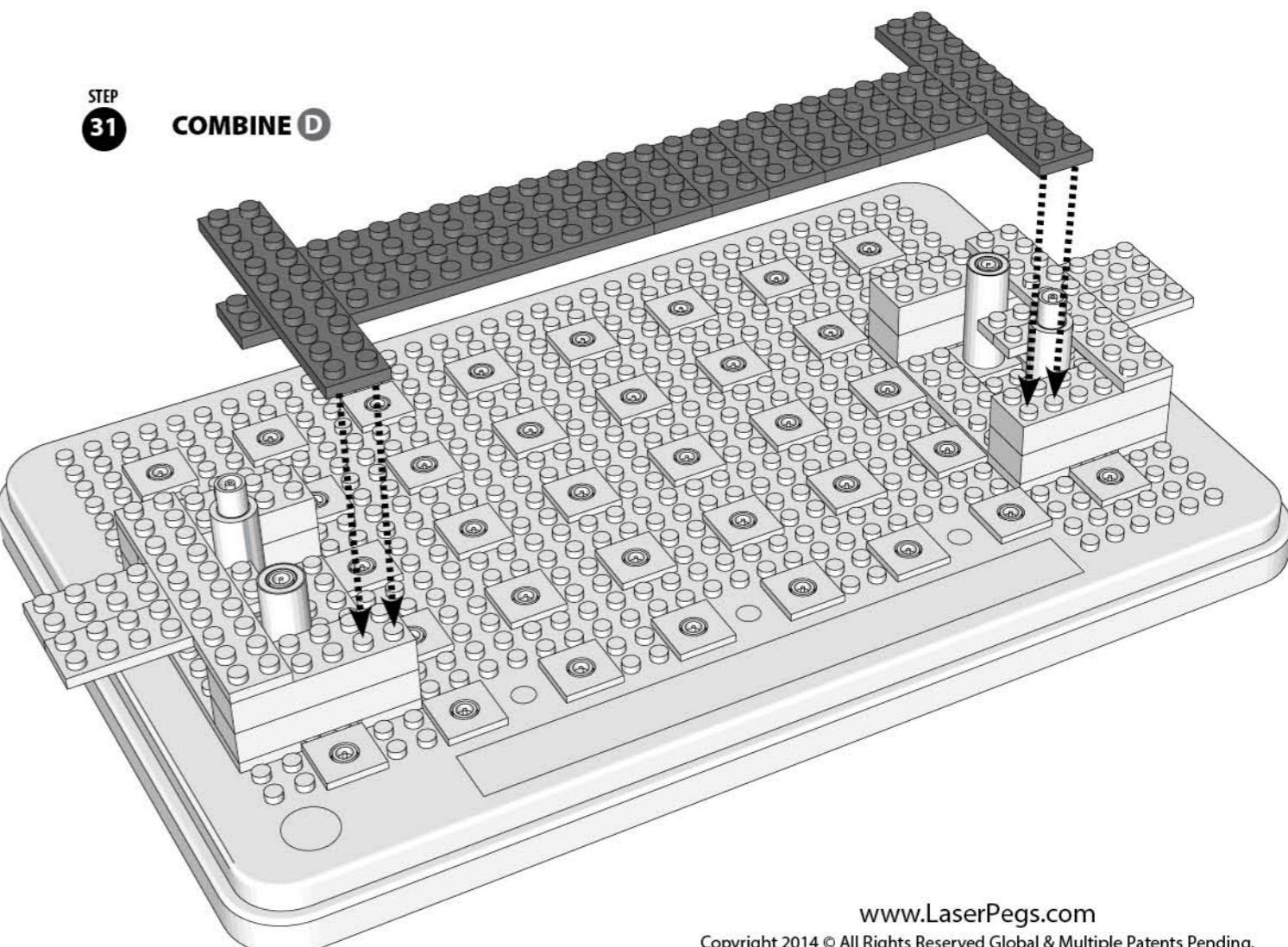
STEP
30

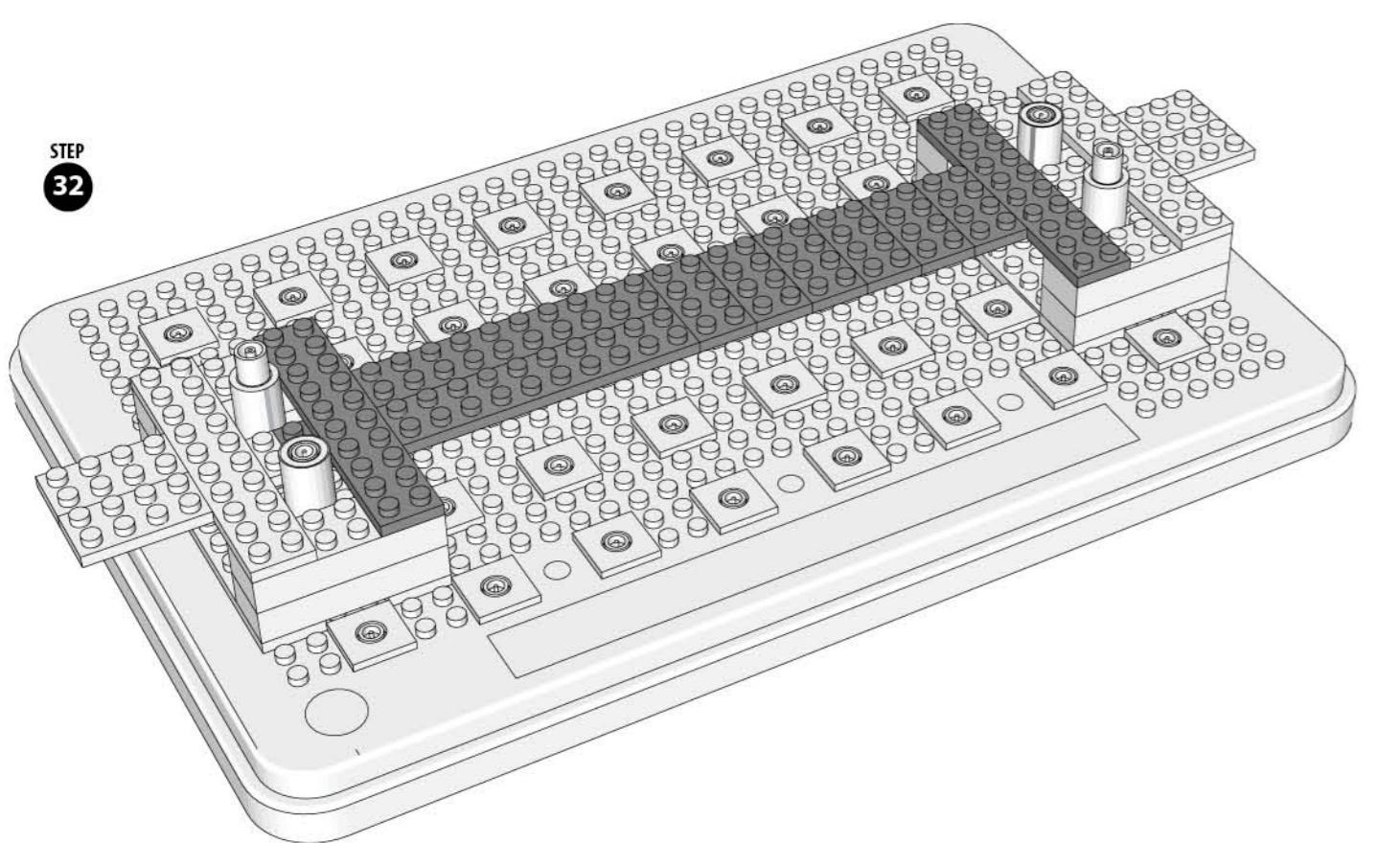


STEP
29 **COMBINE A B**

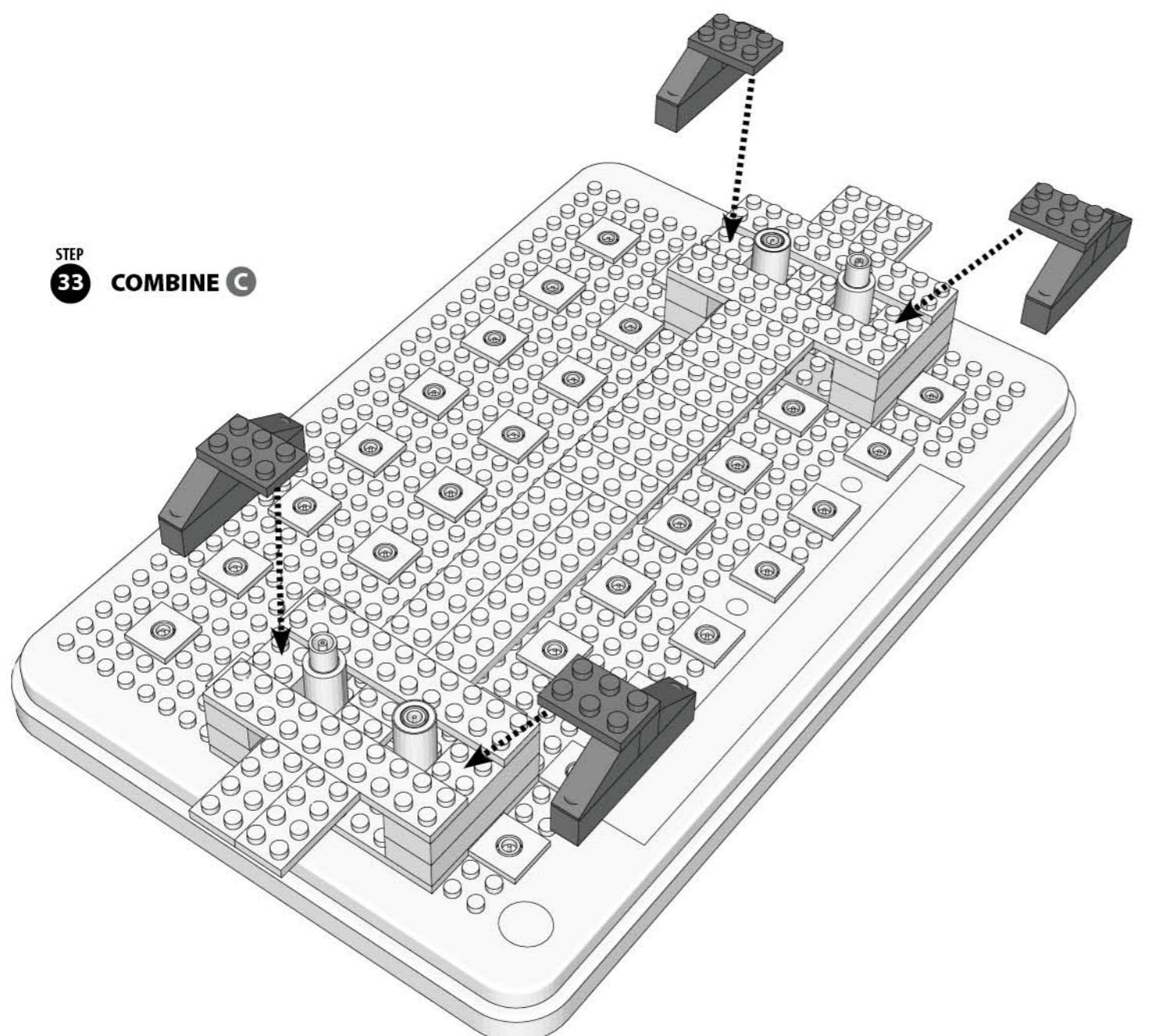


STEP
31 **COMBINE D**

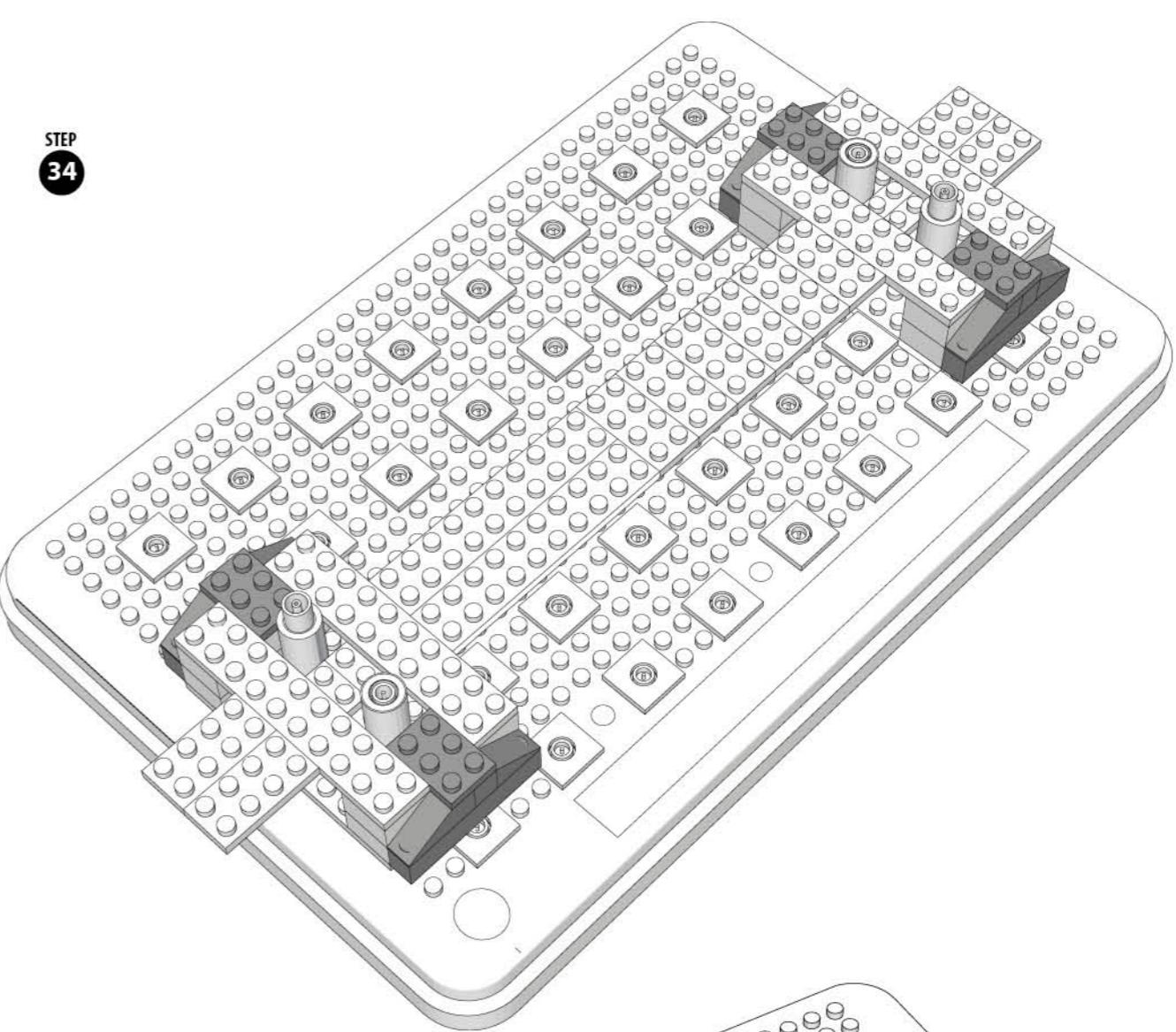




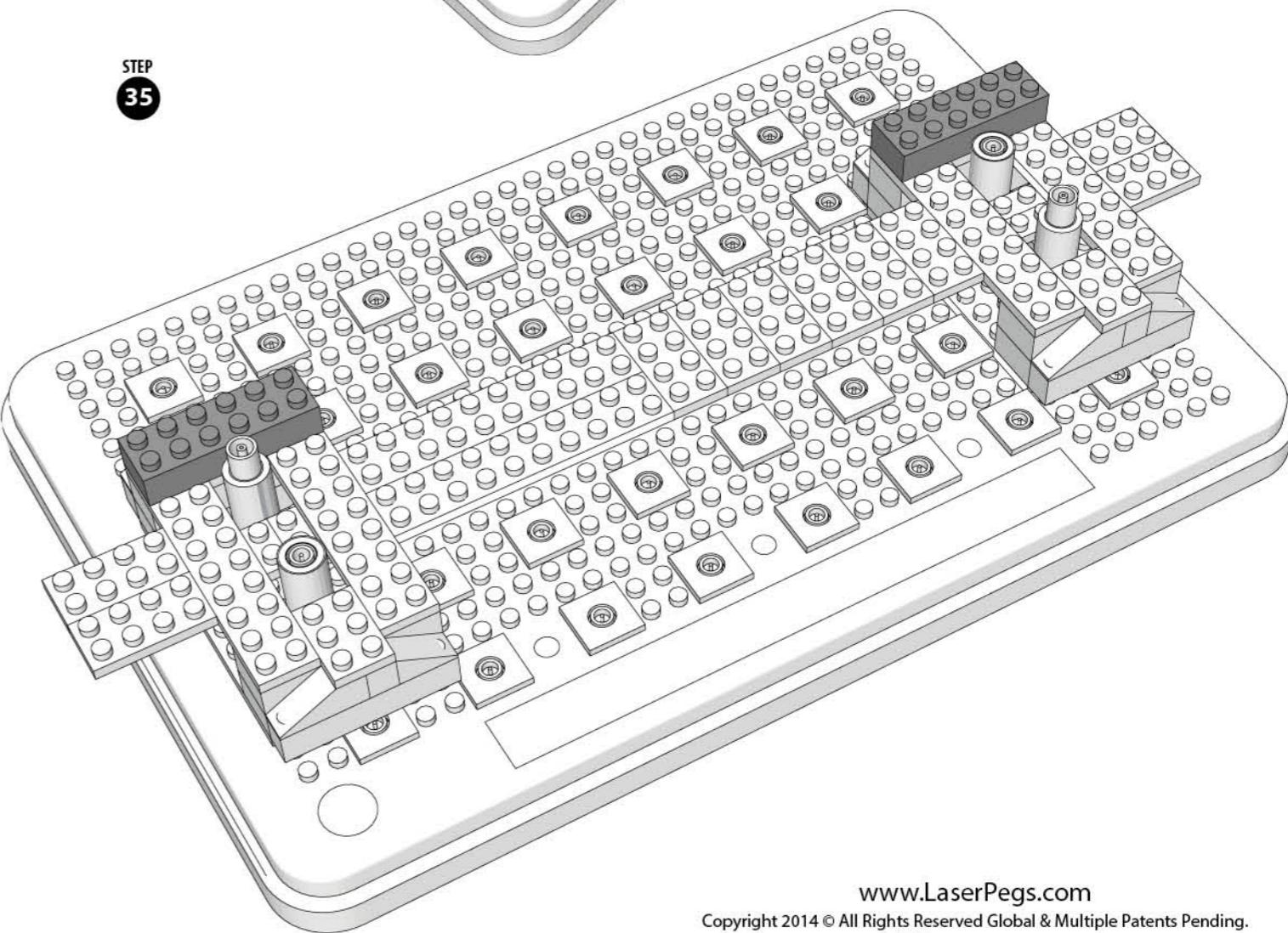
STEP
32

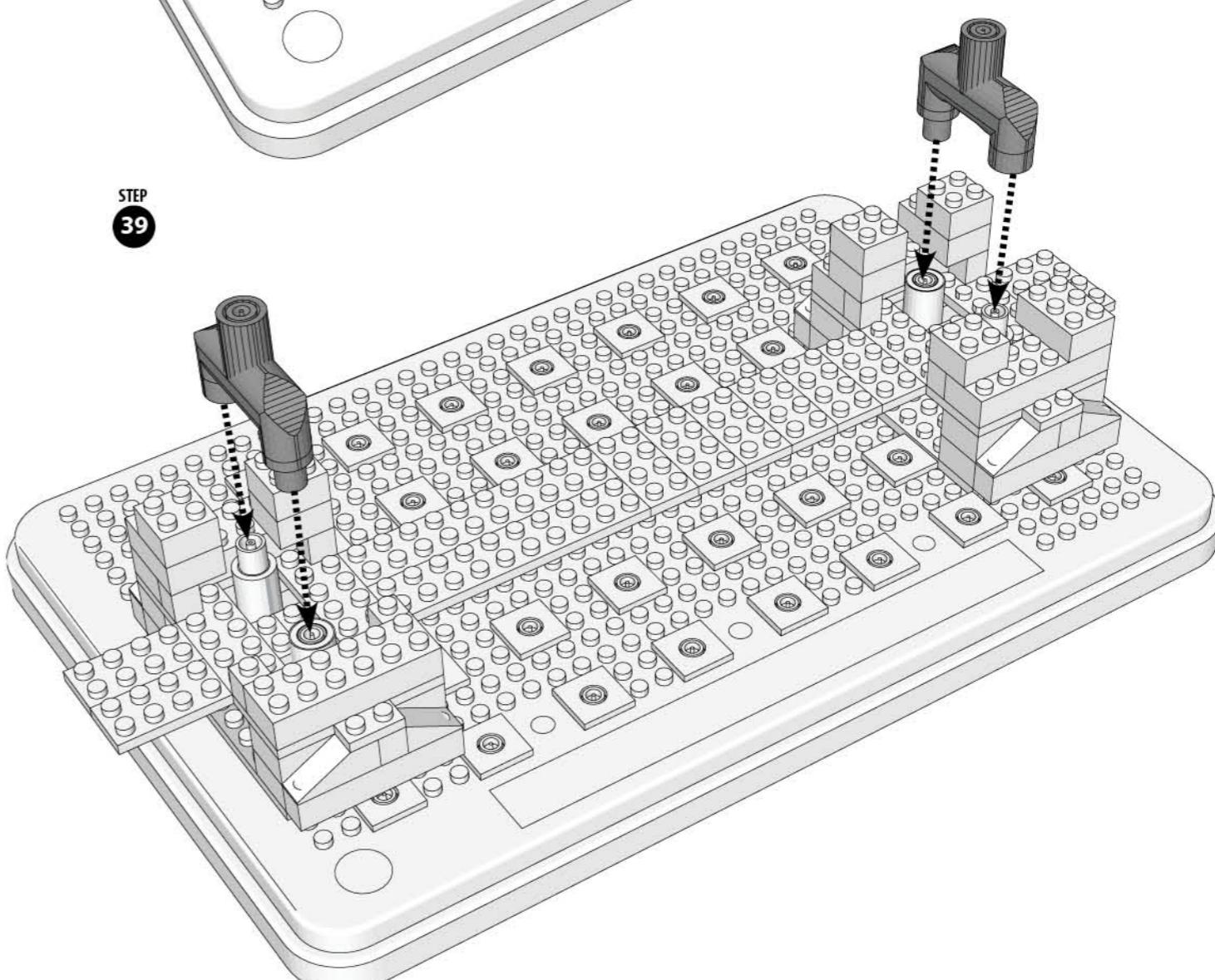
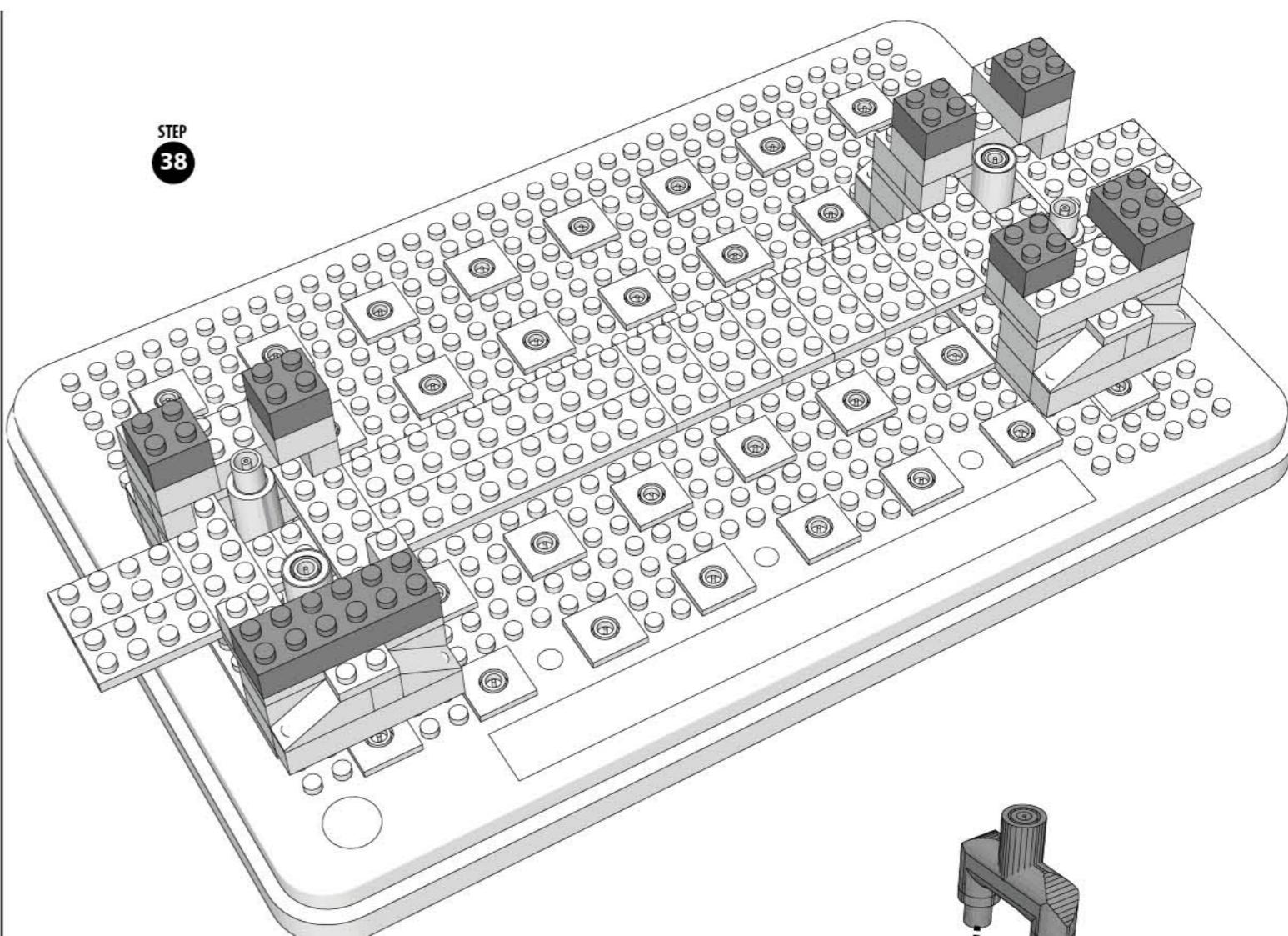
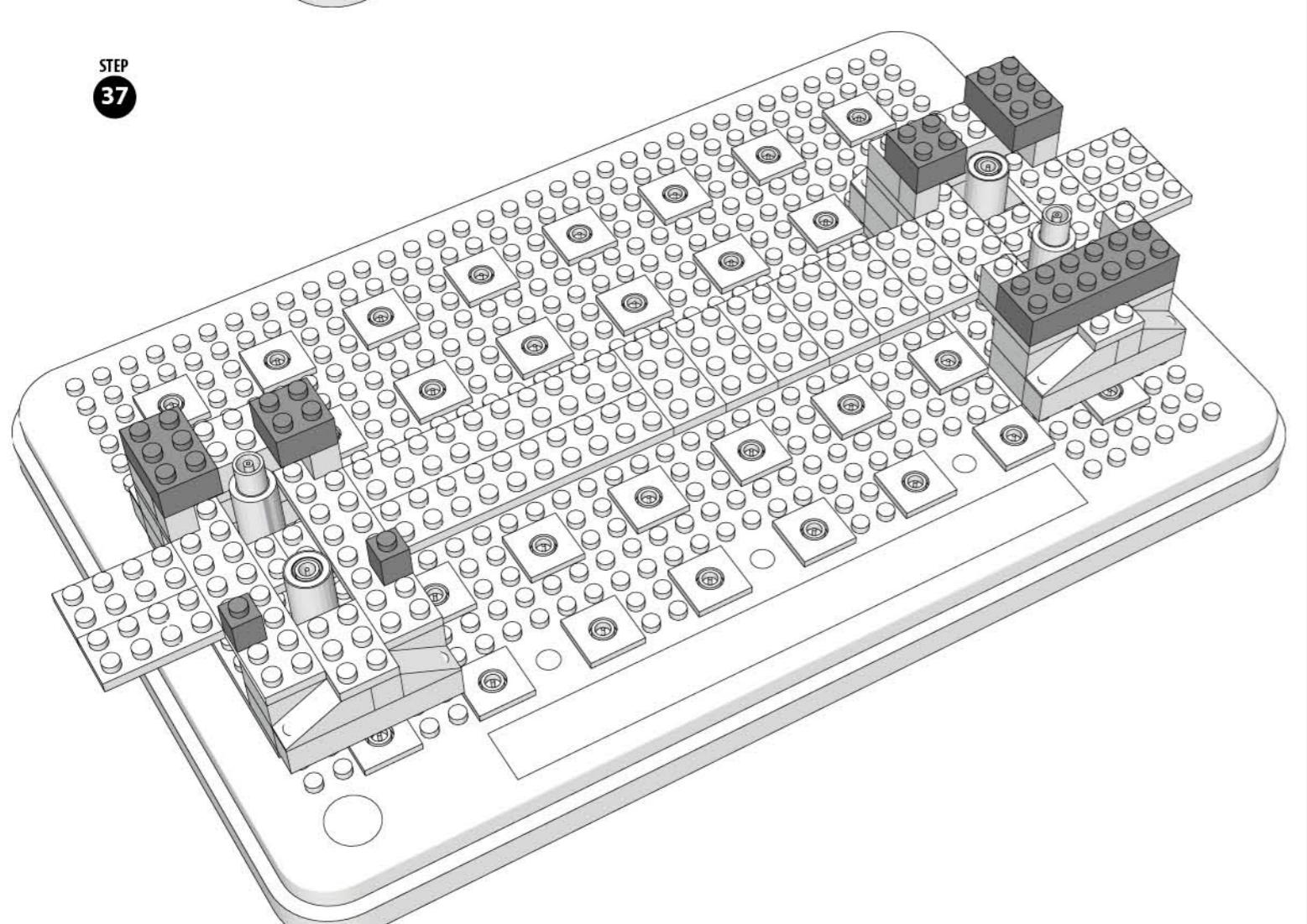
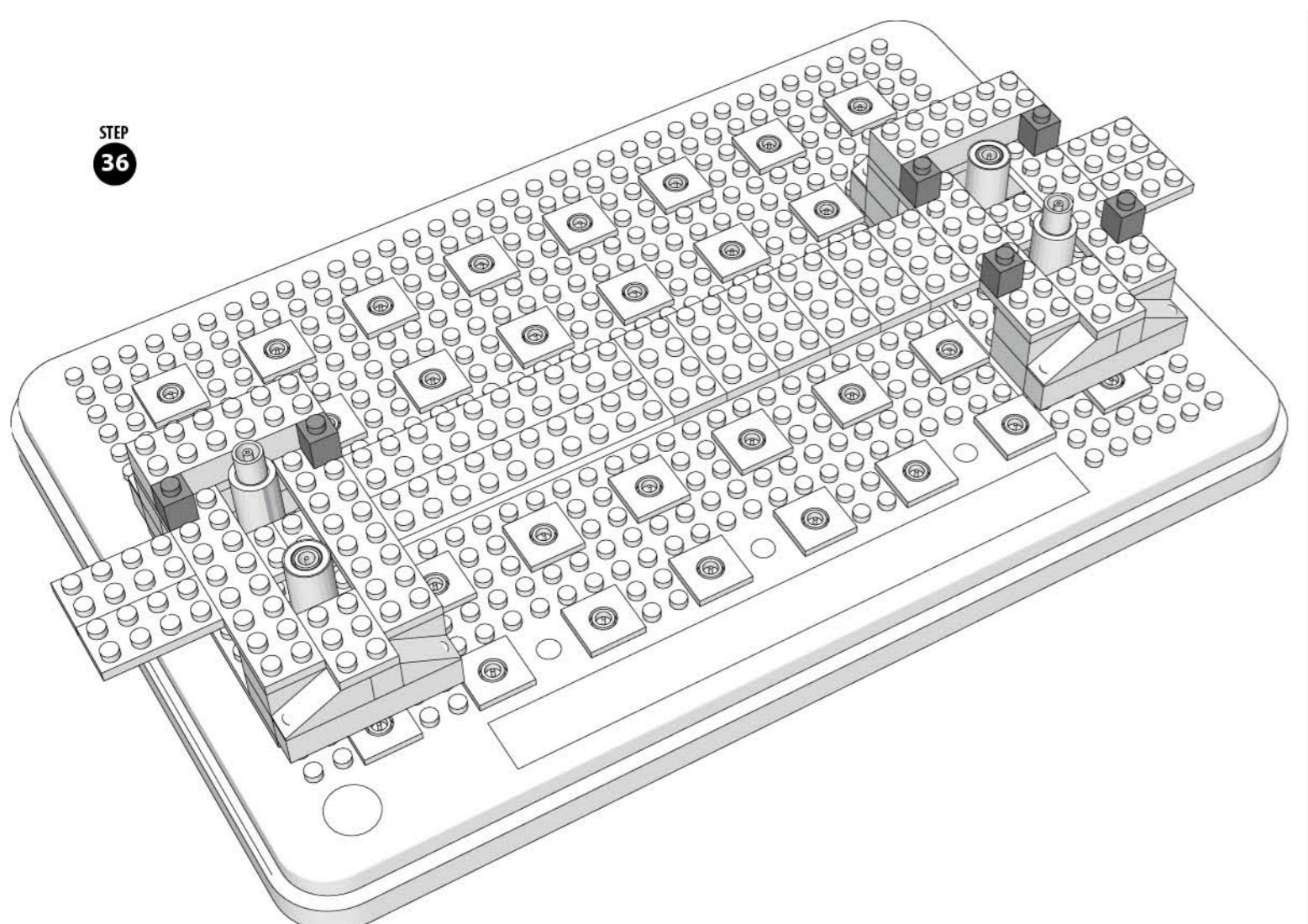


**STEP
33 COMBINE C**

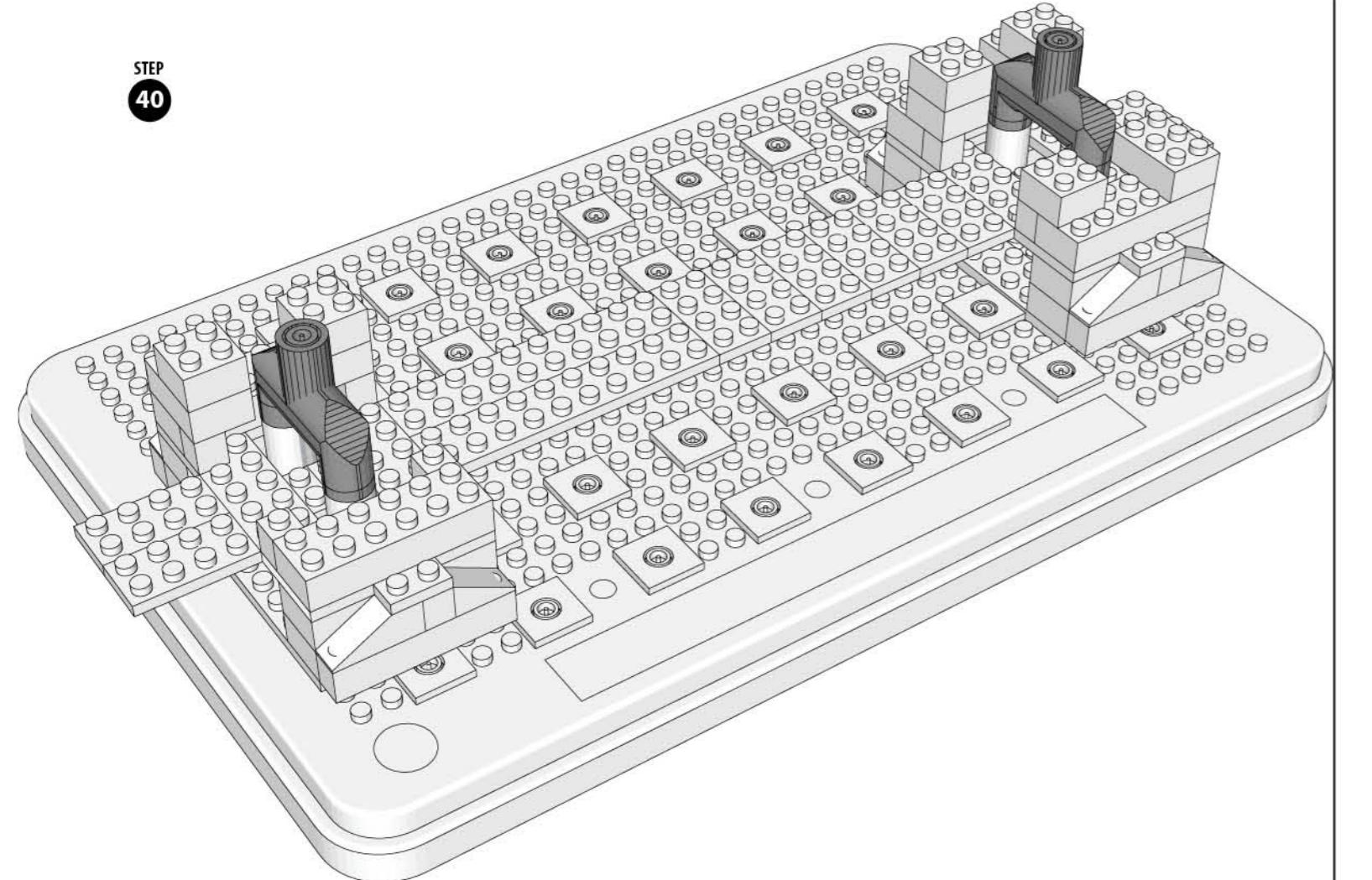


**STEP
34**

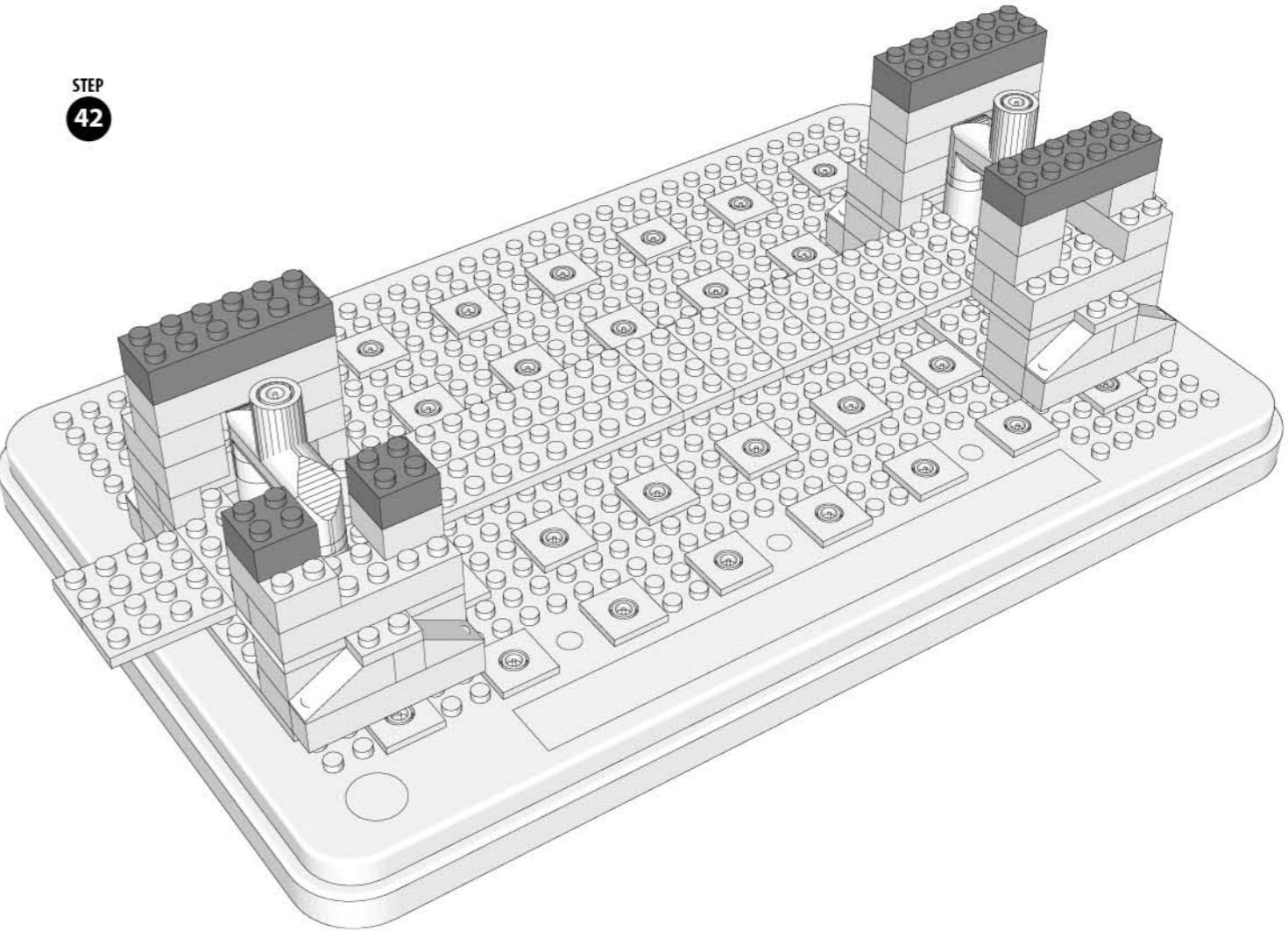




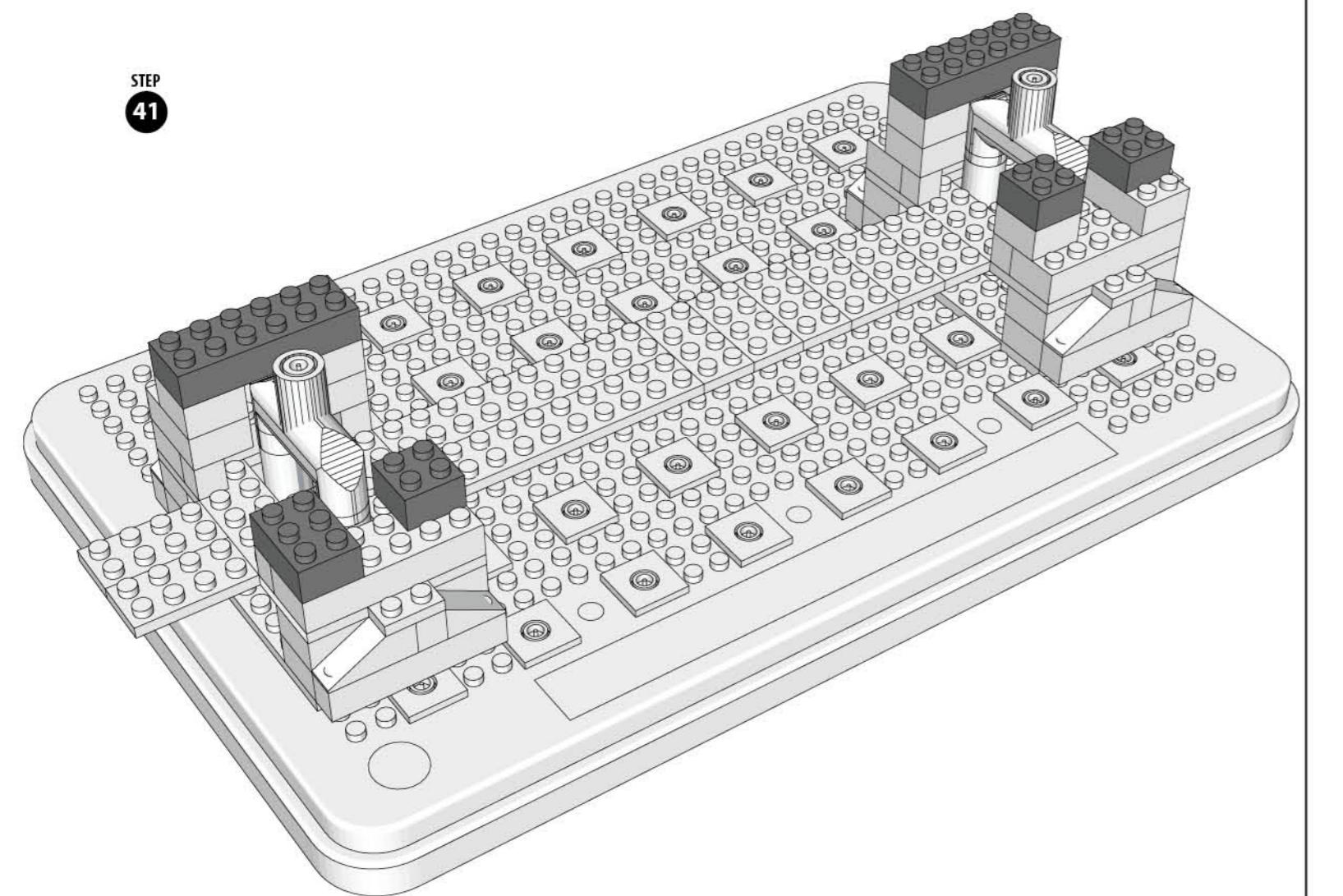
STEP
40



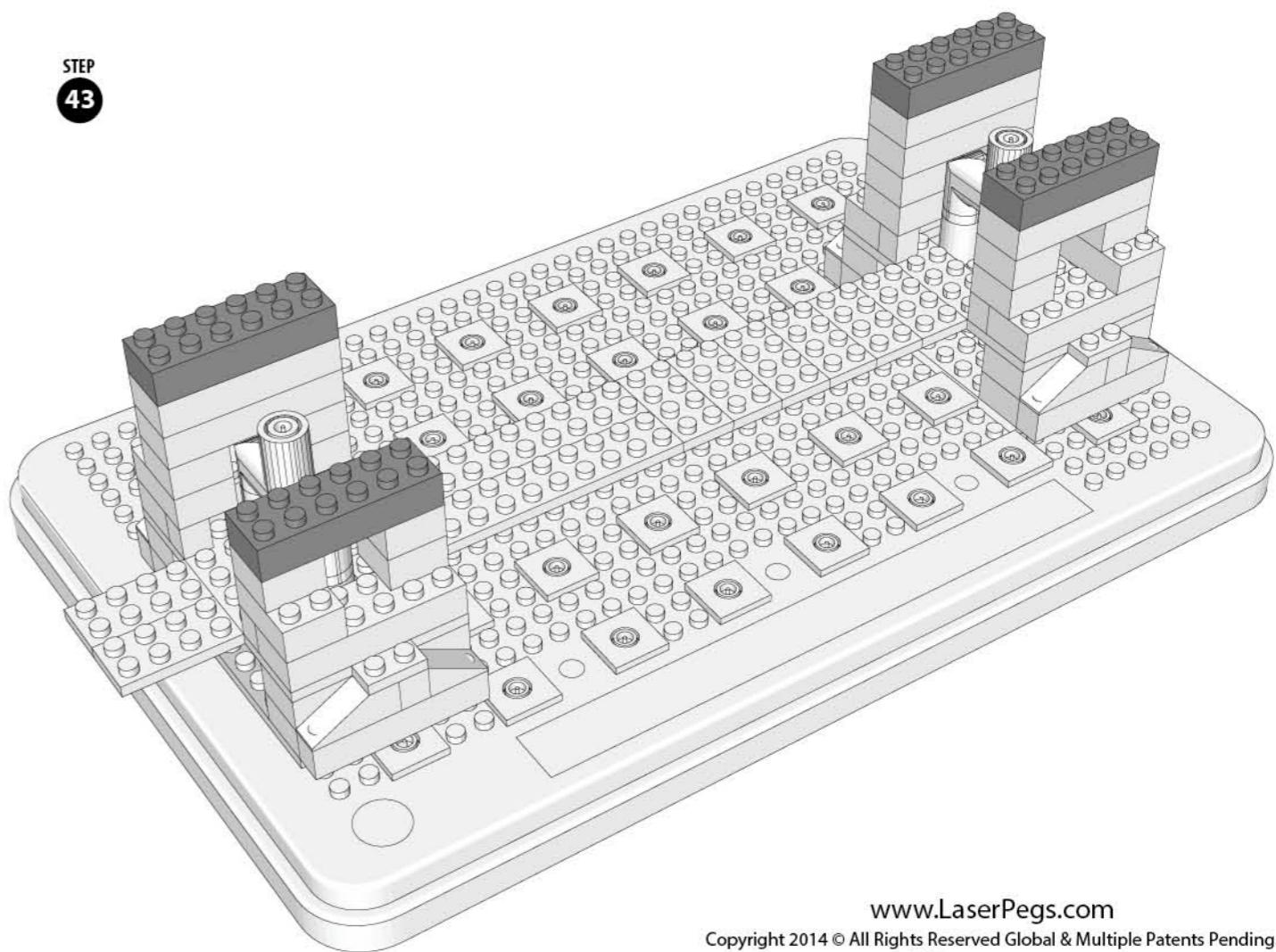
STEP
42



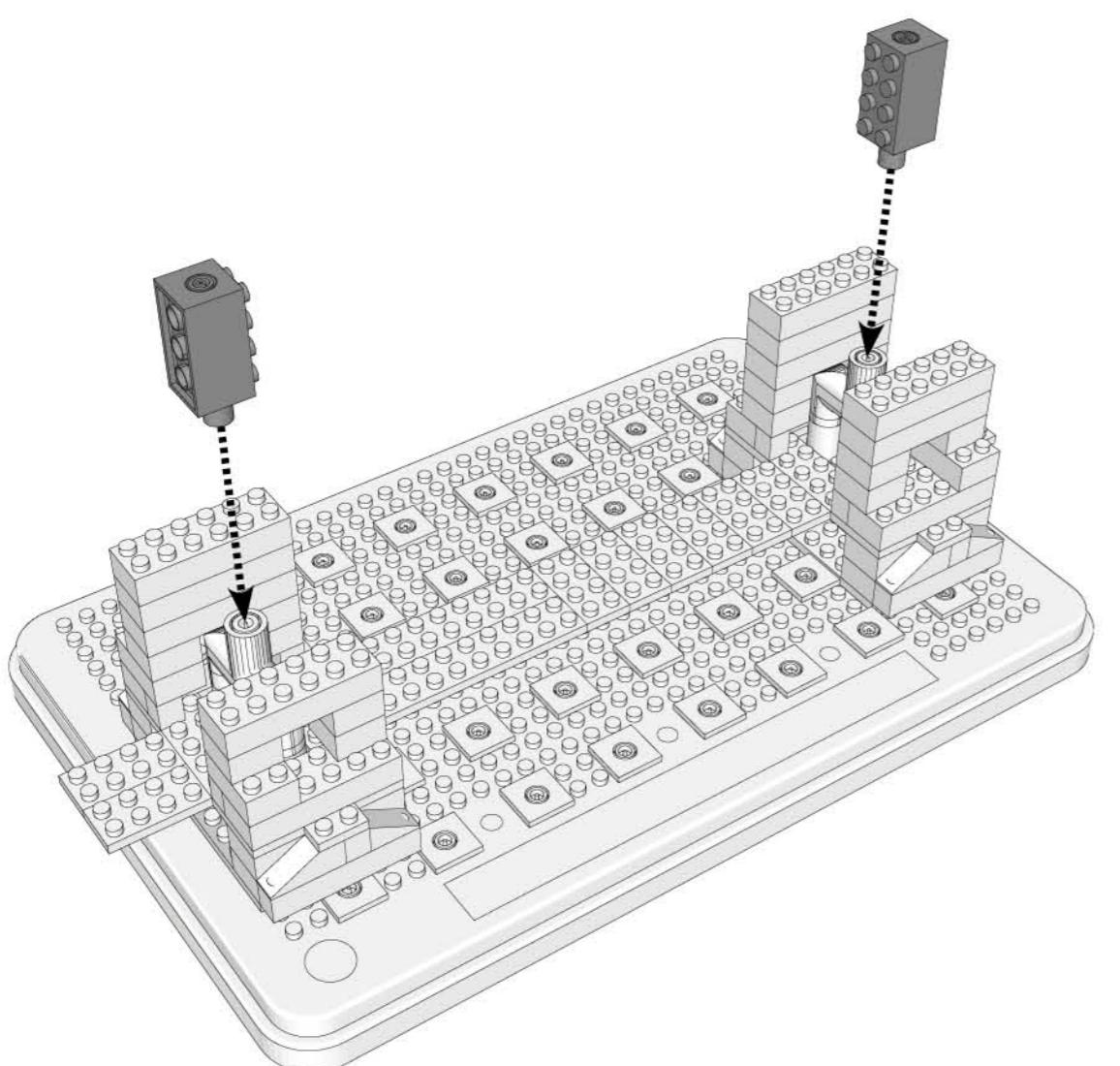
STEP
41



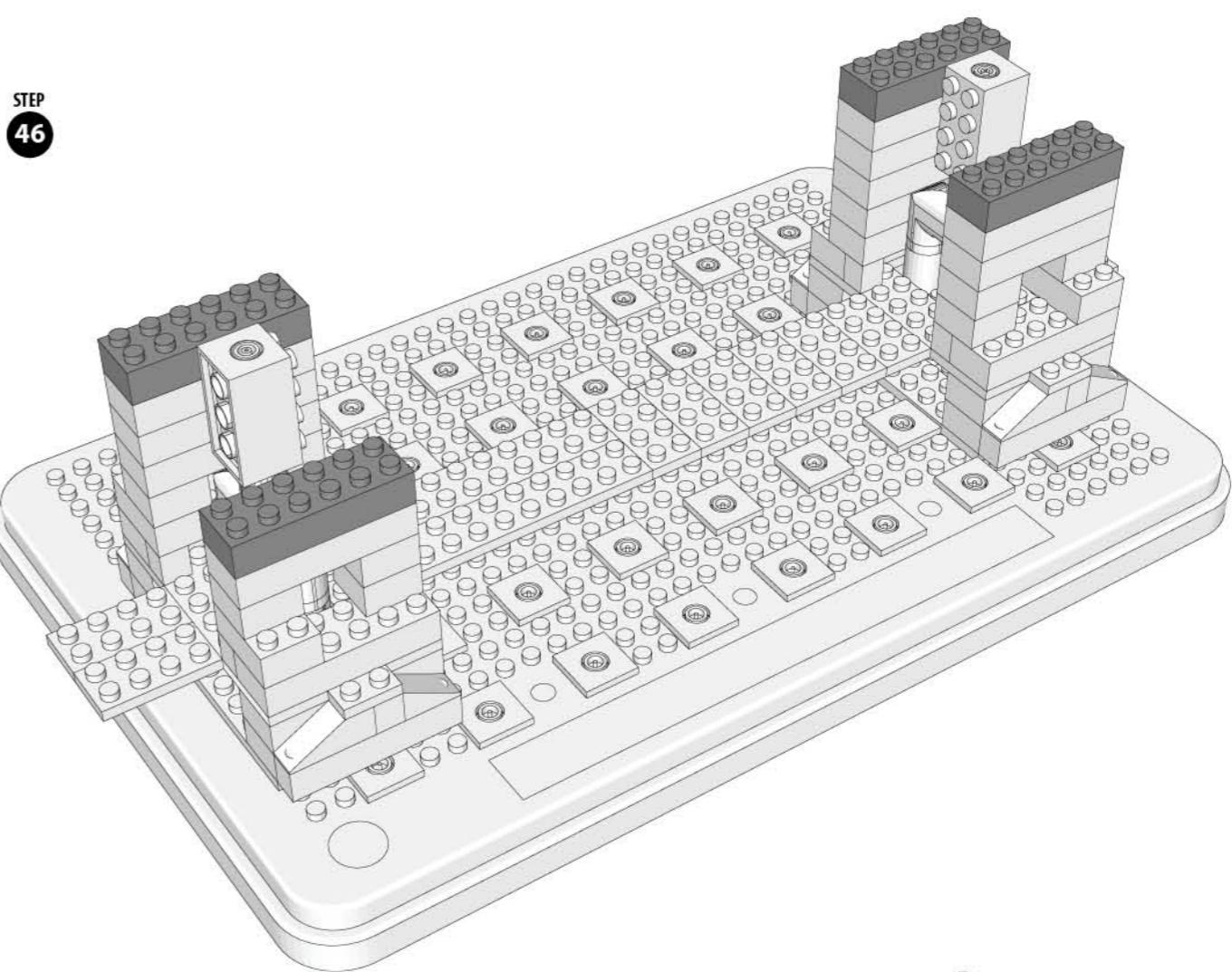
STEP
43



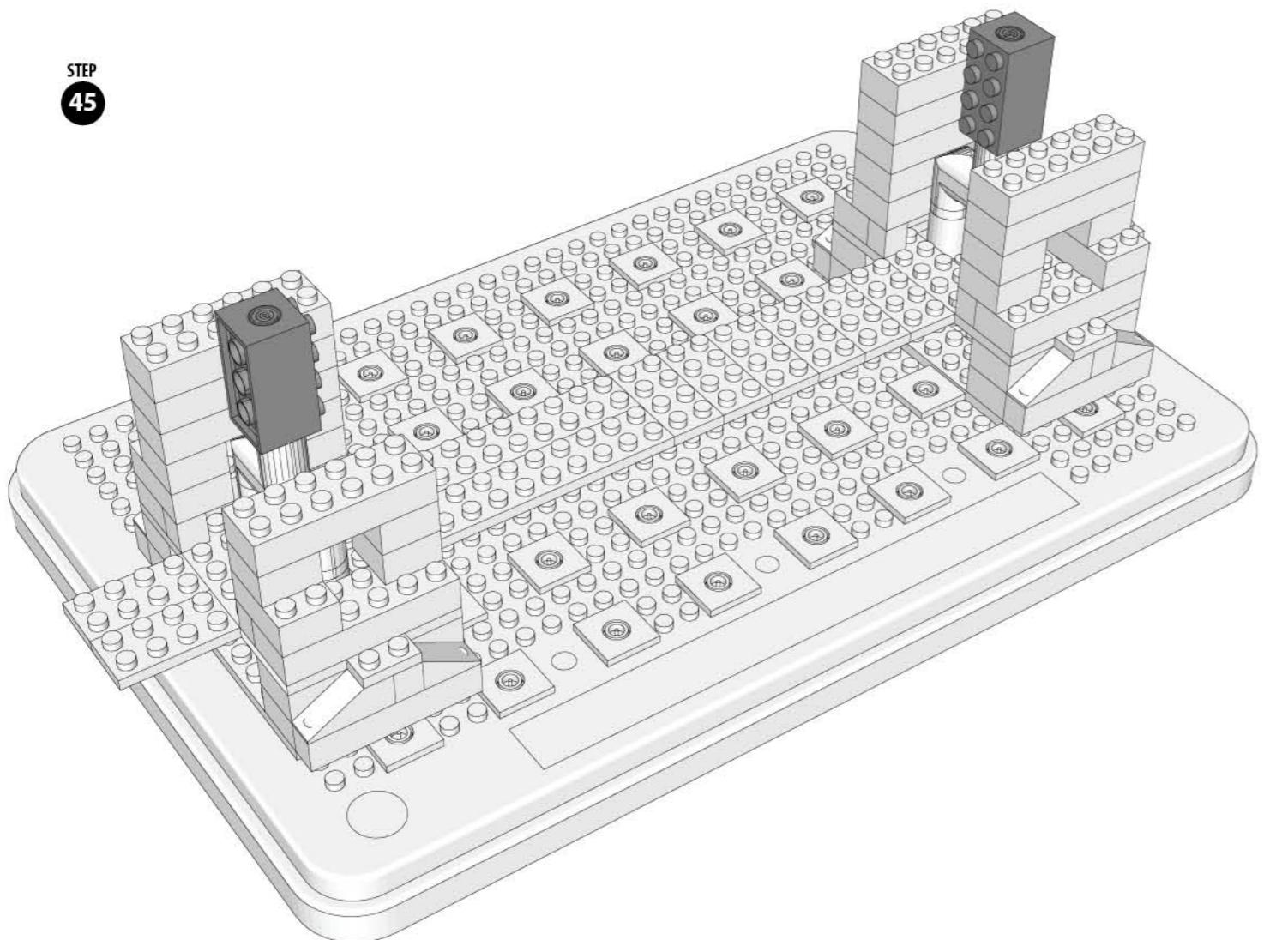
STEP
44



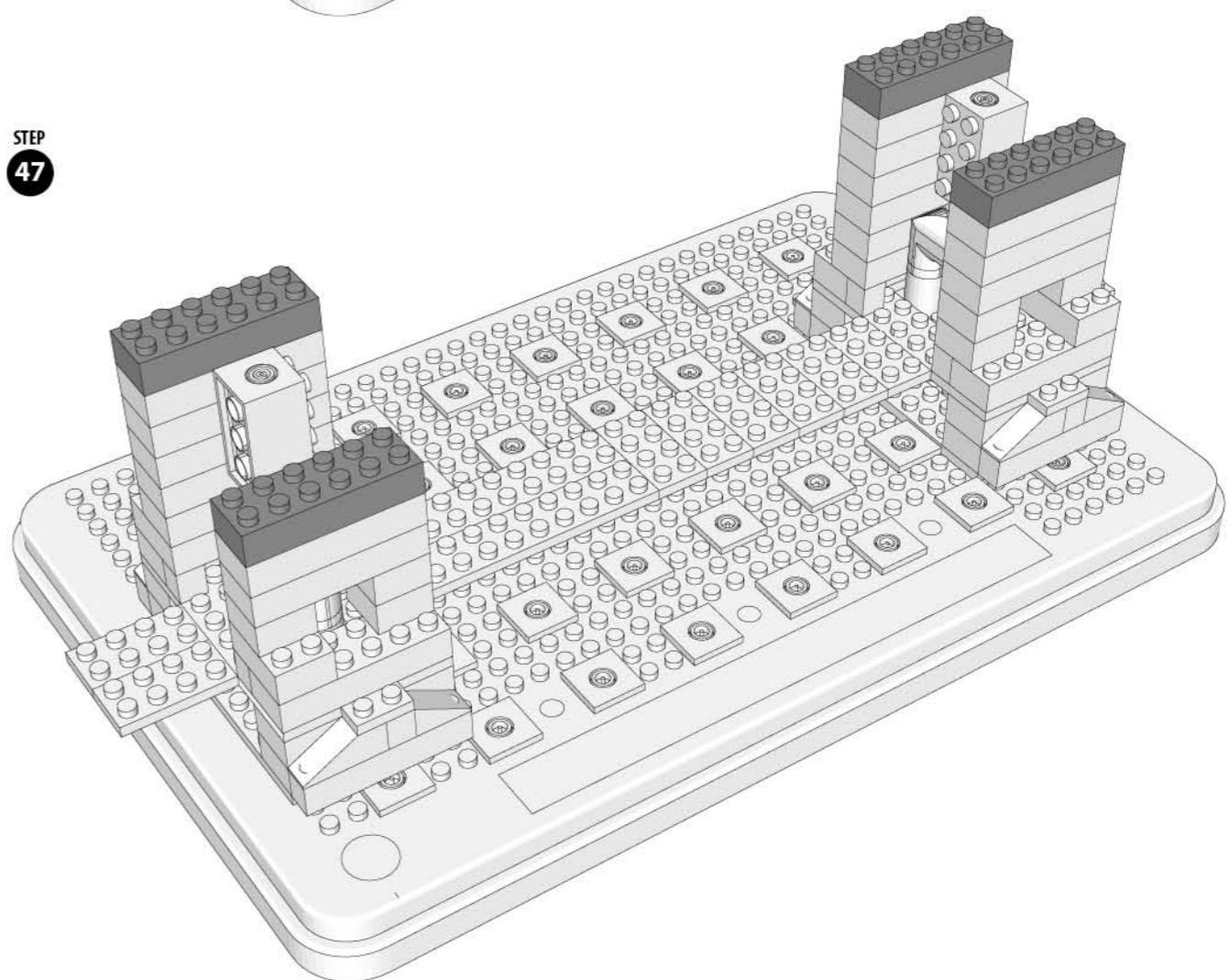
STEP
46



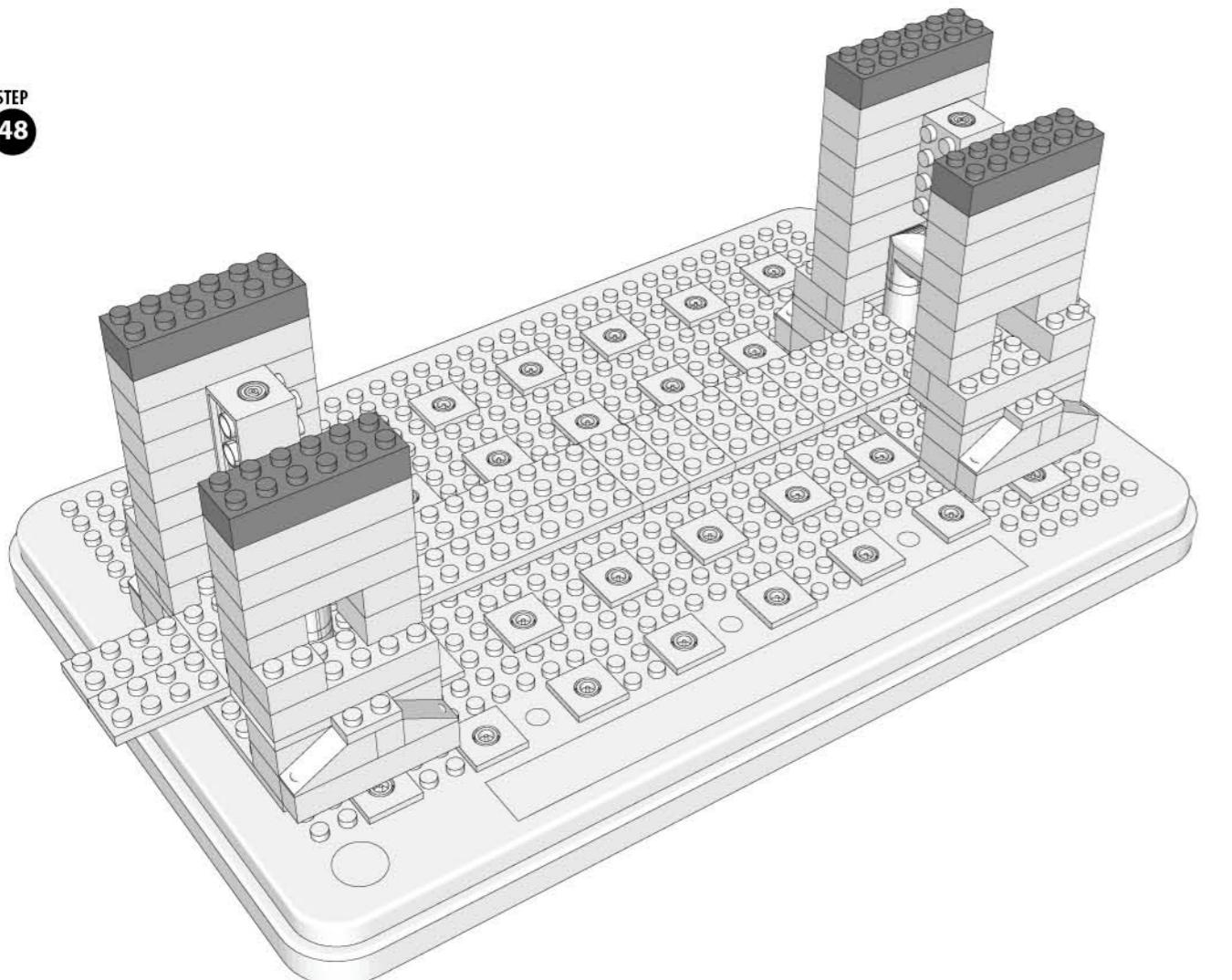
STEP
45



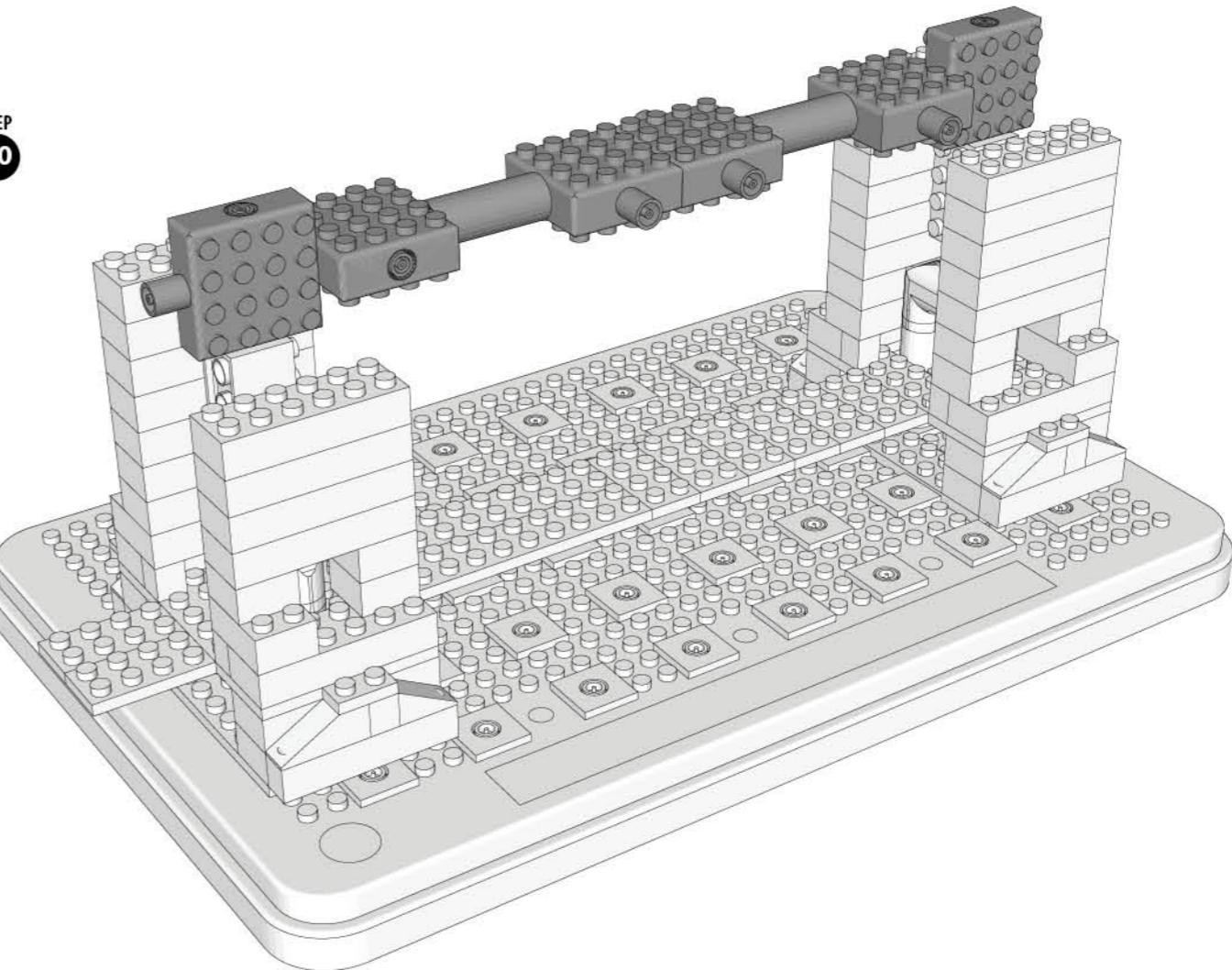
STEP
47



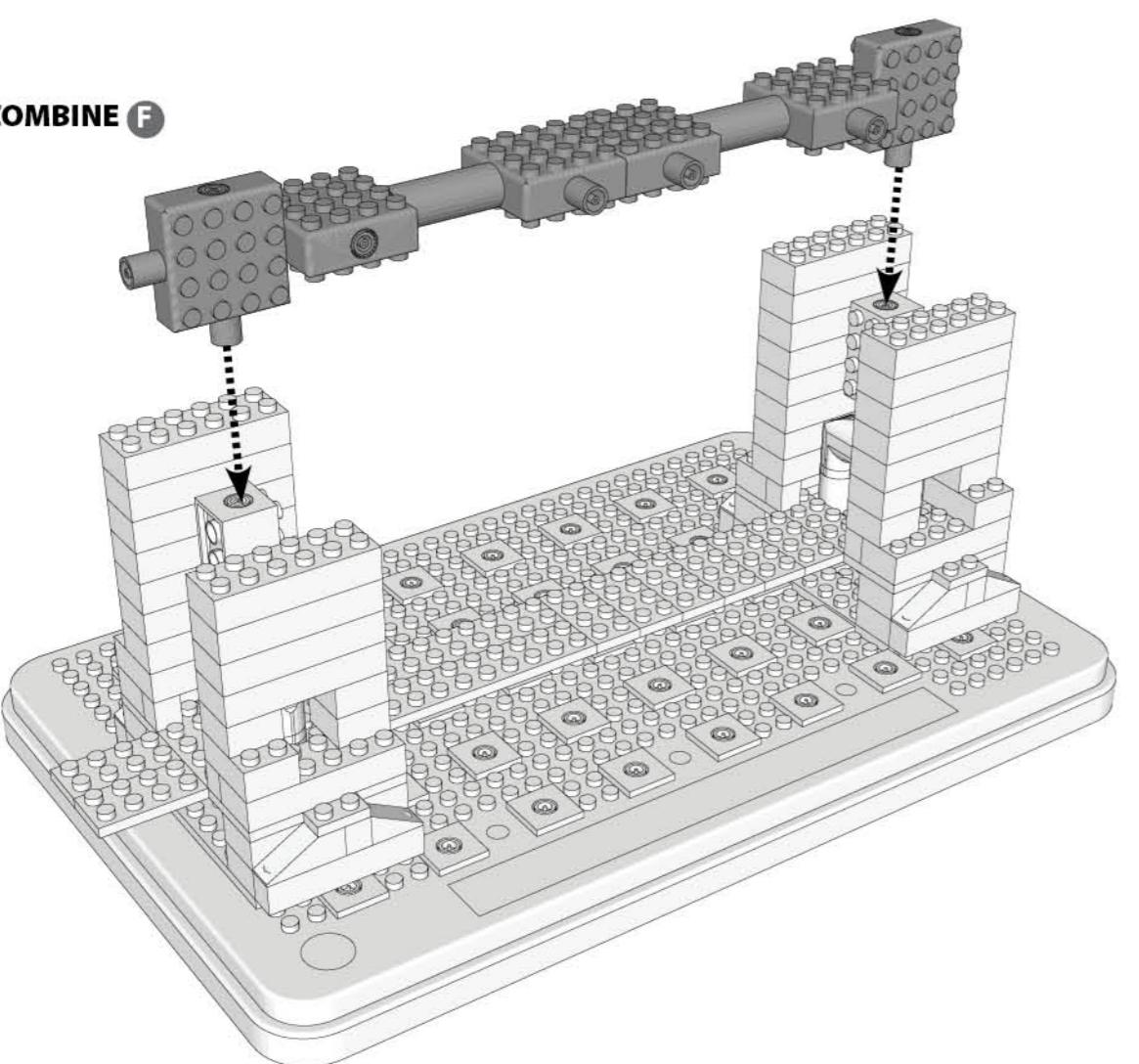
STEP
48



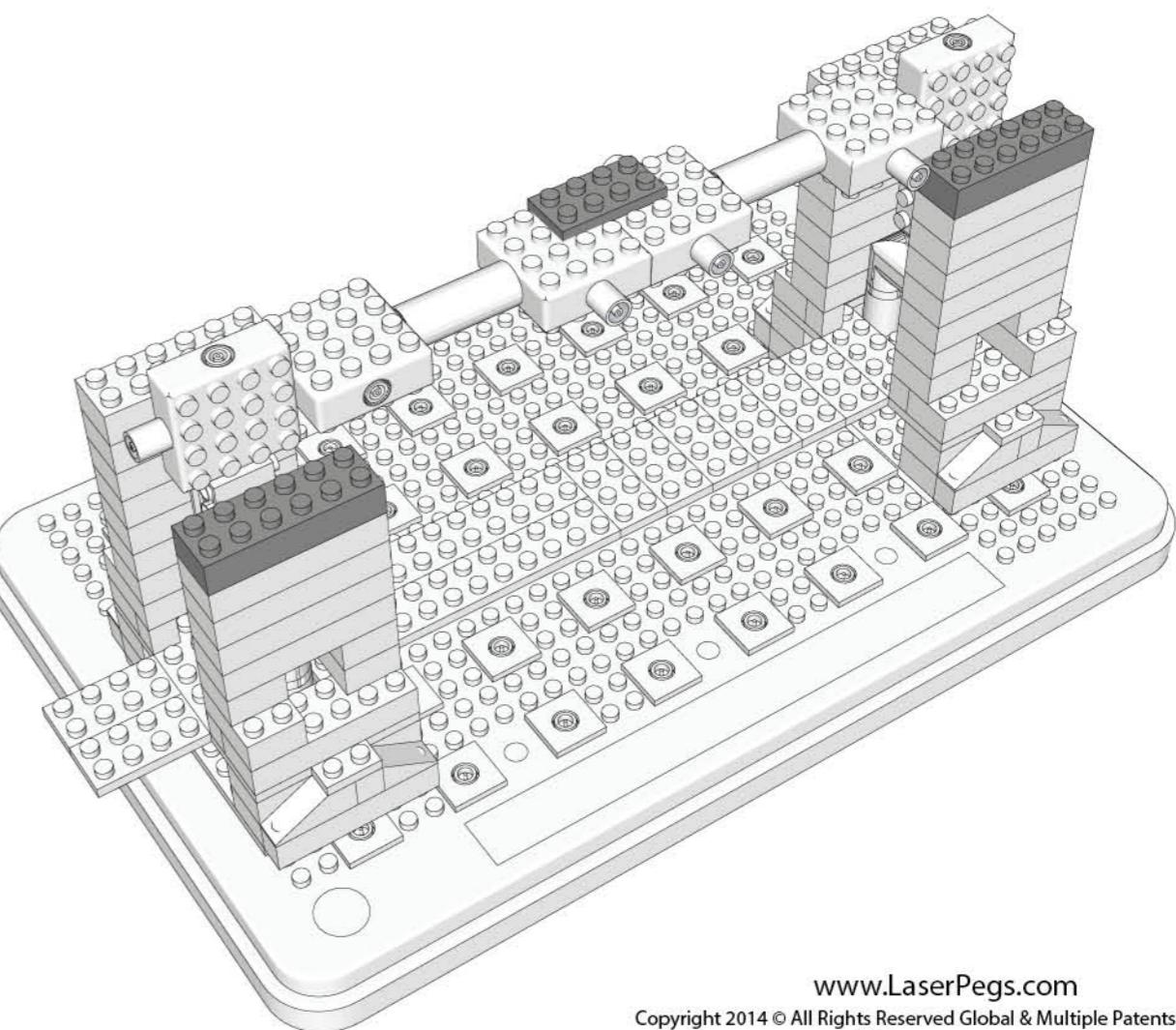
STEP
50



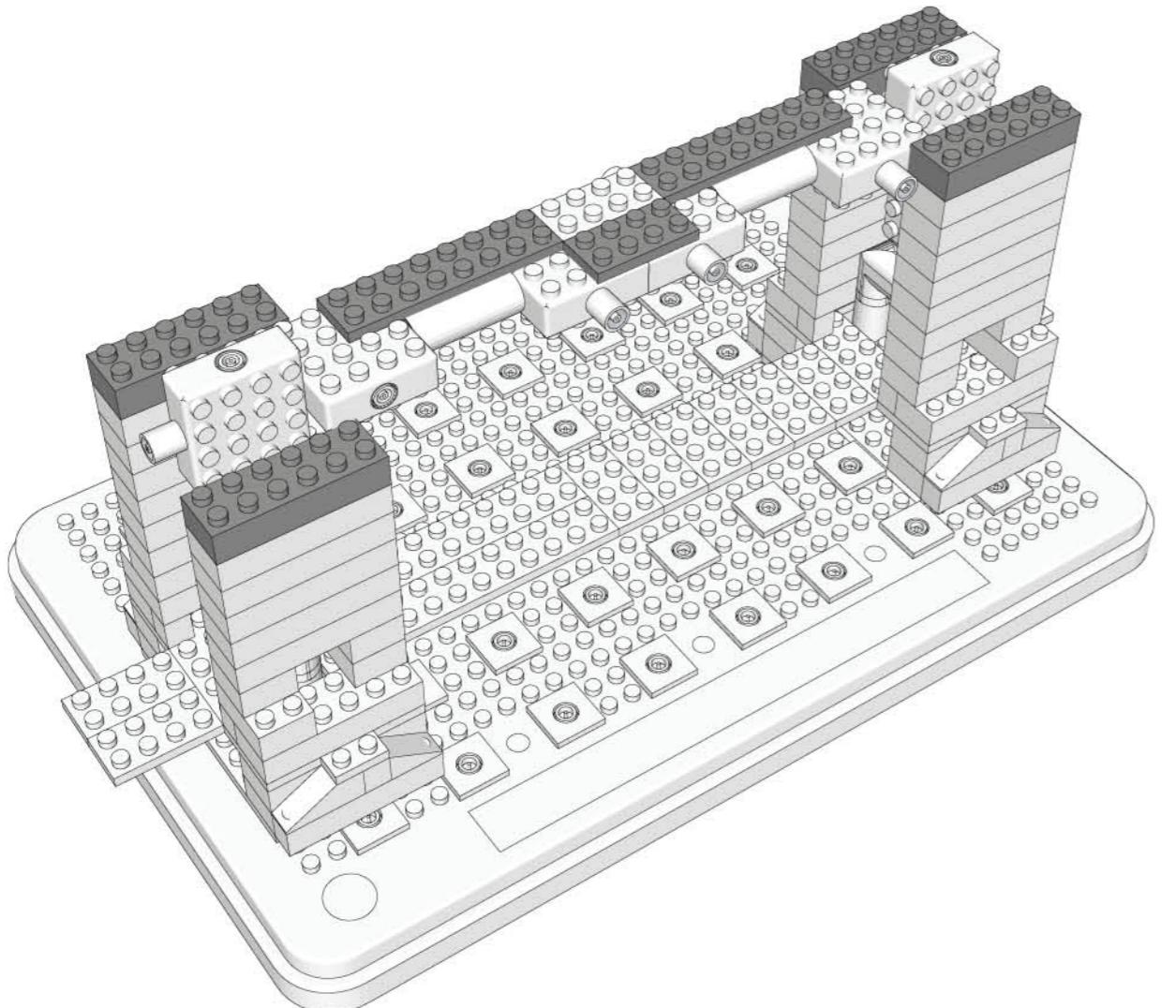
STEP
49 COMBINE F



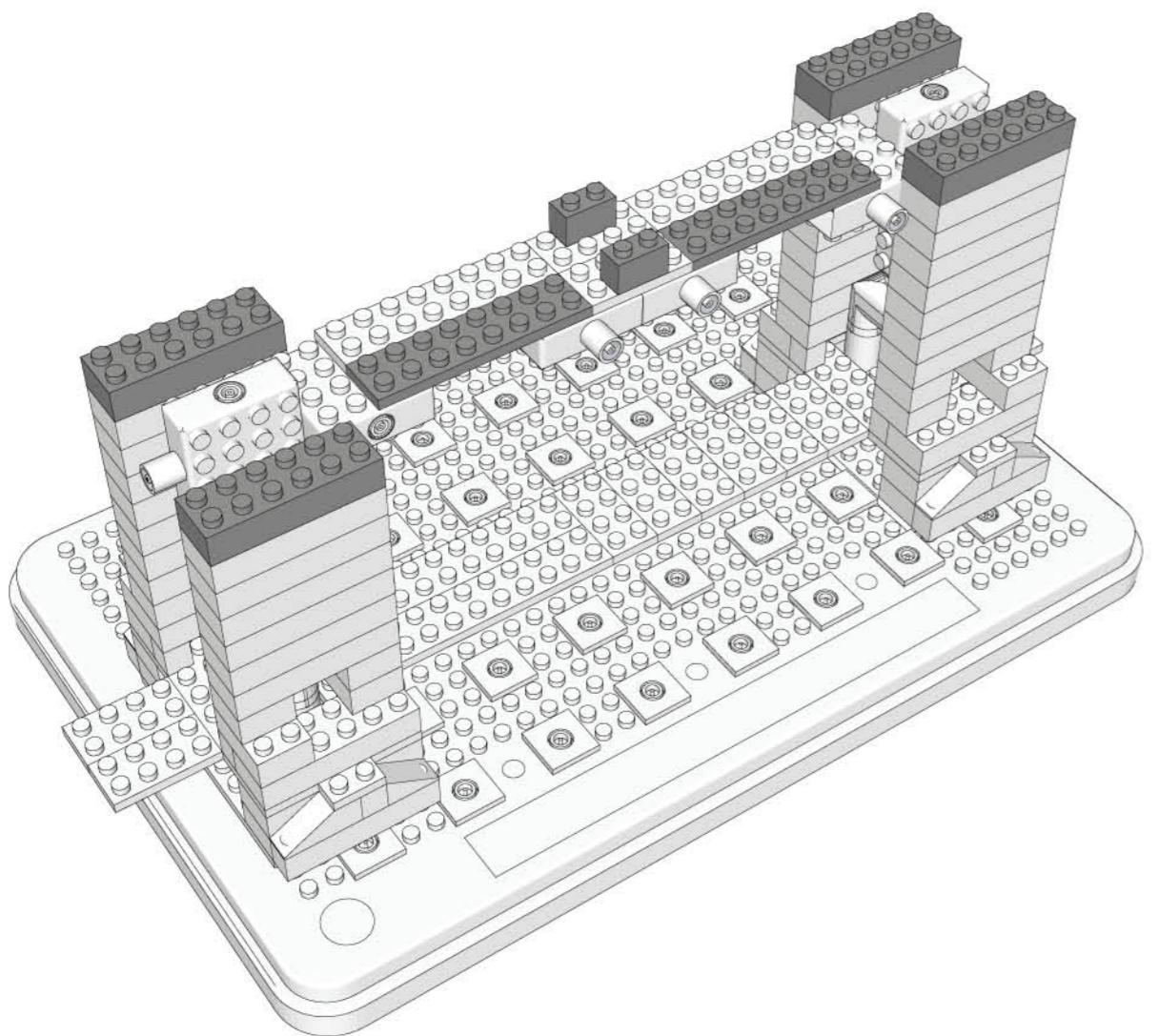
STEP
51



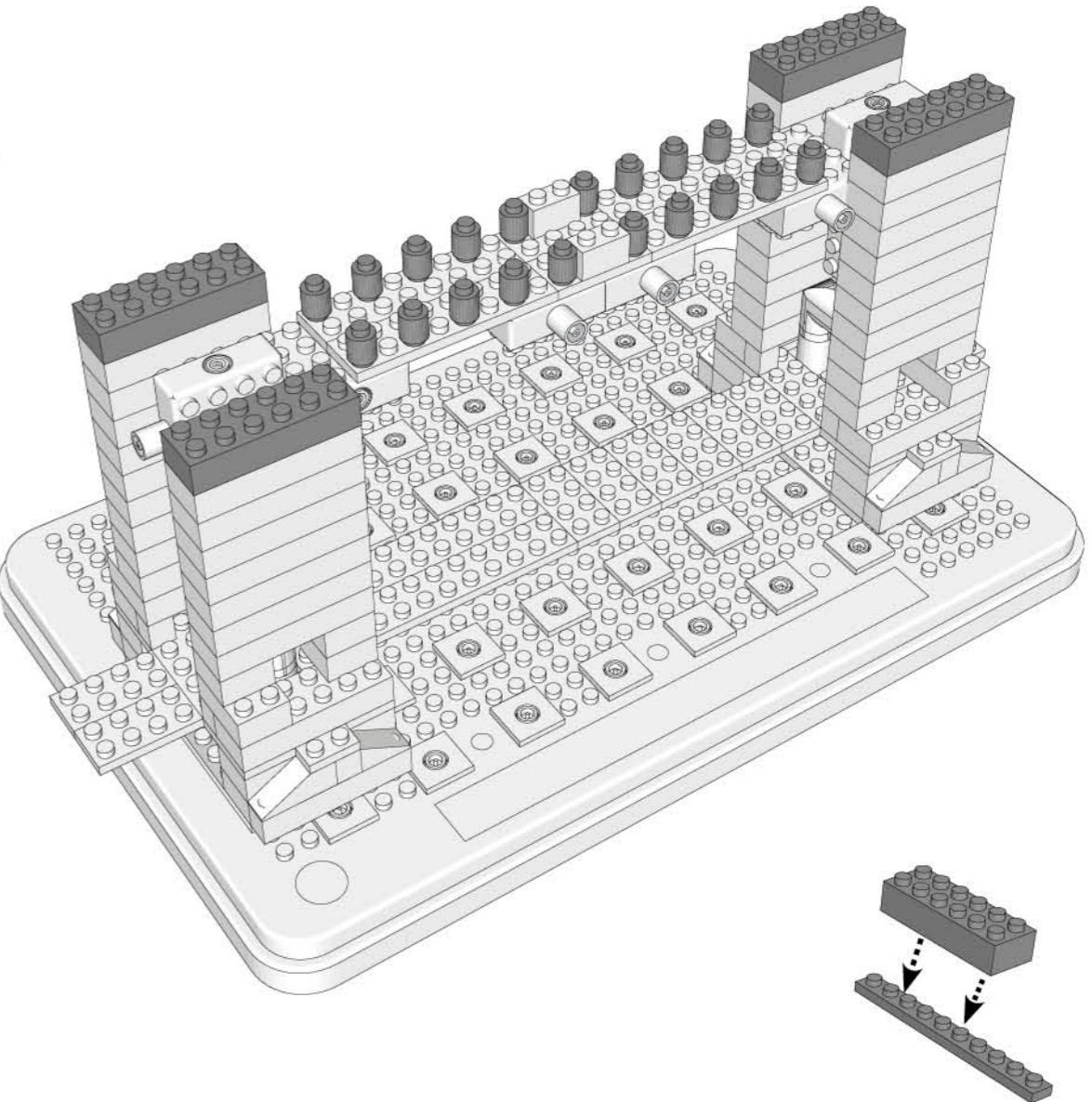
STEP
52



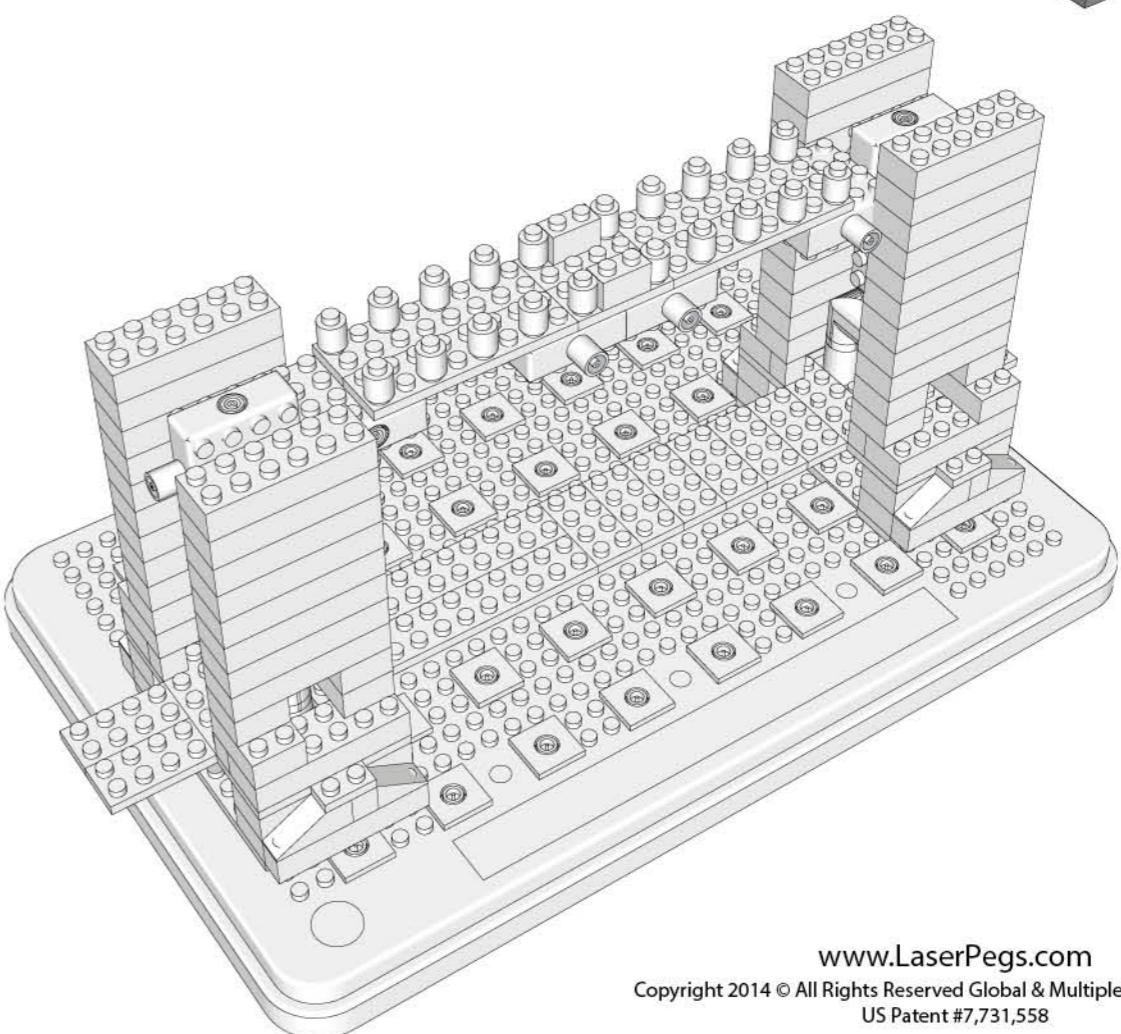
STEP
53



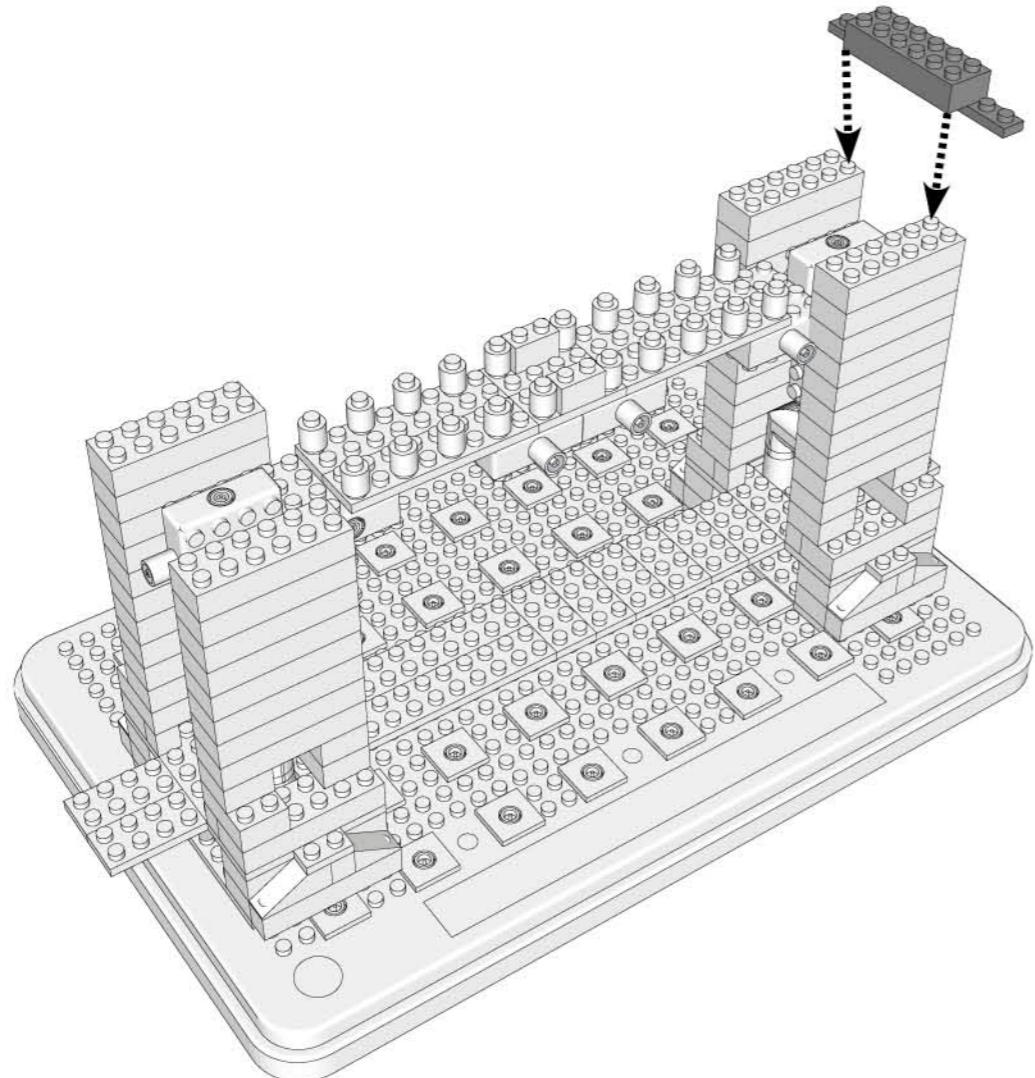
STEP
54



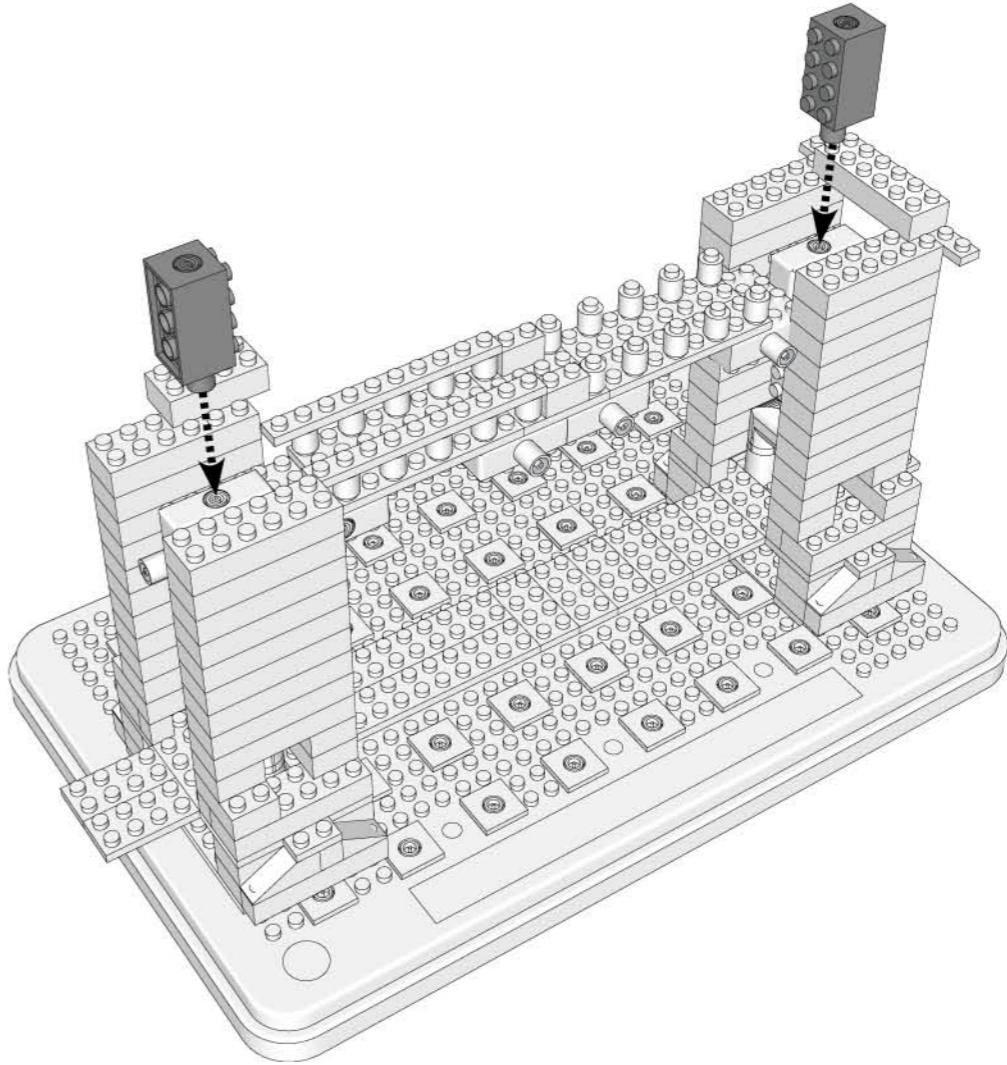
STEP
55



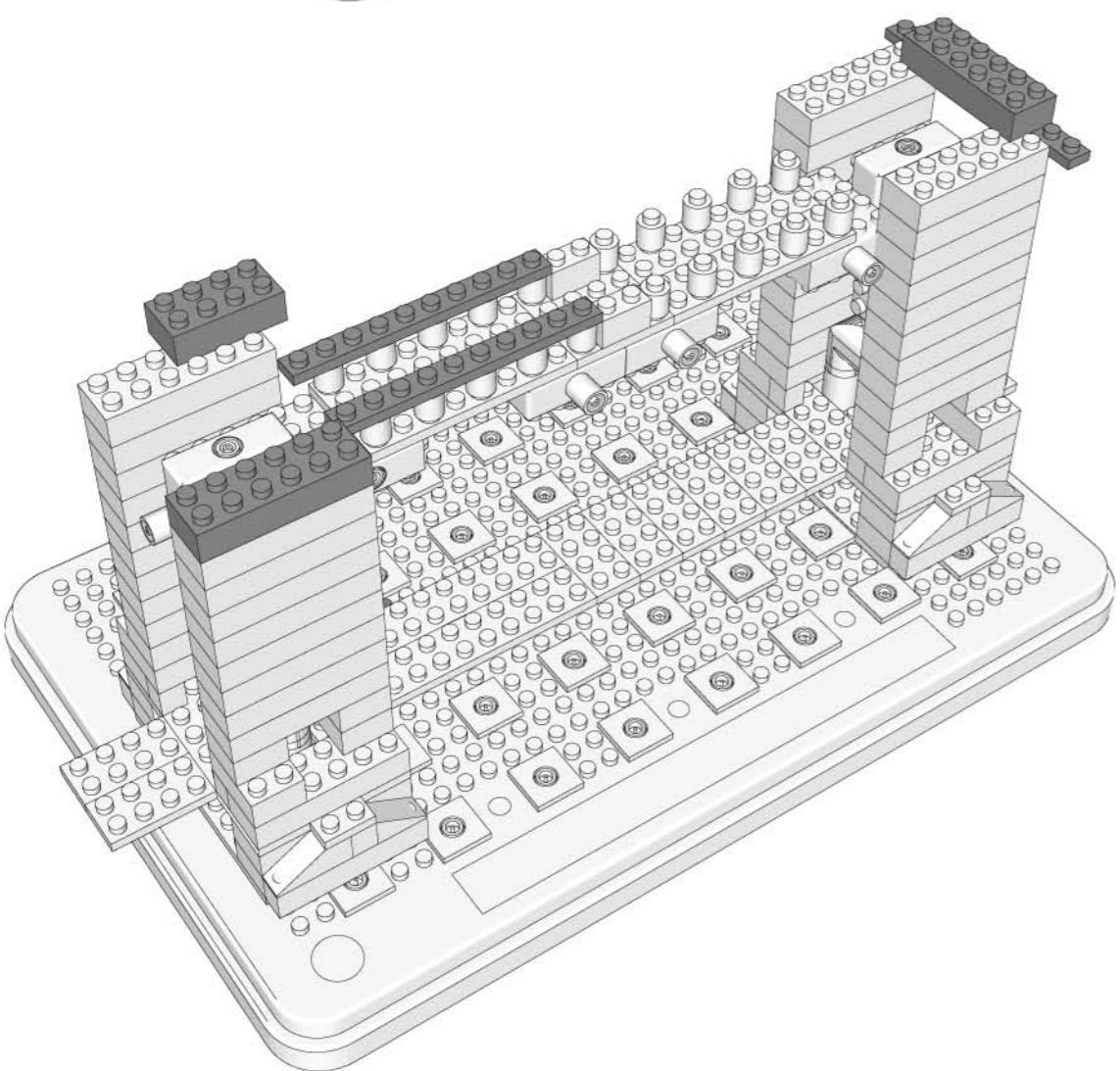
STEP
56



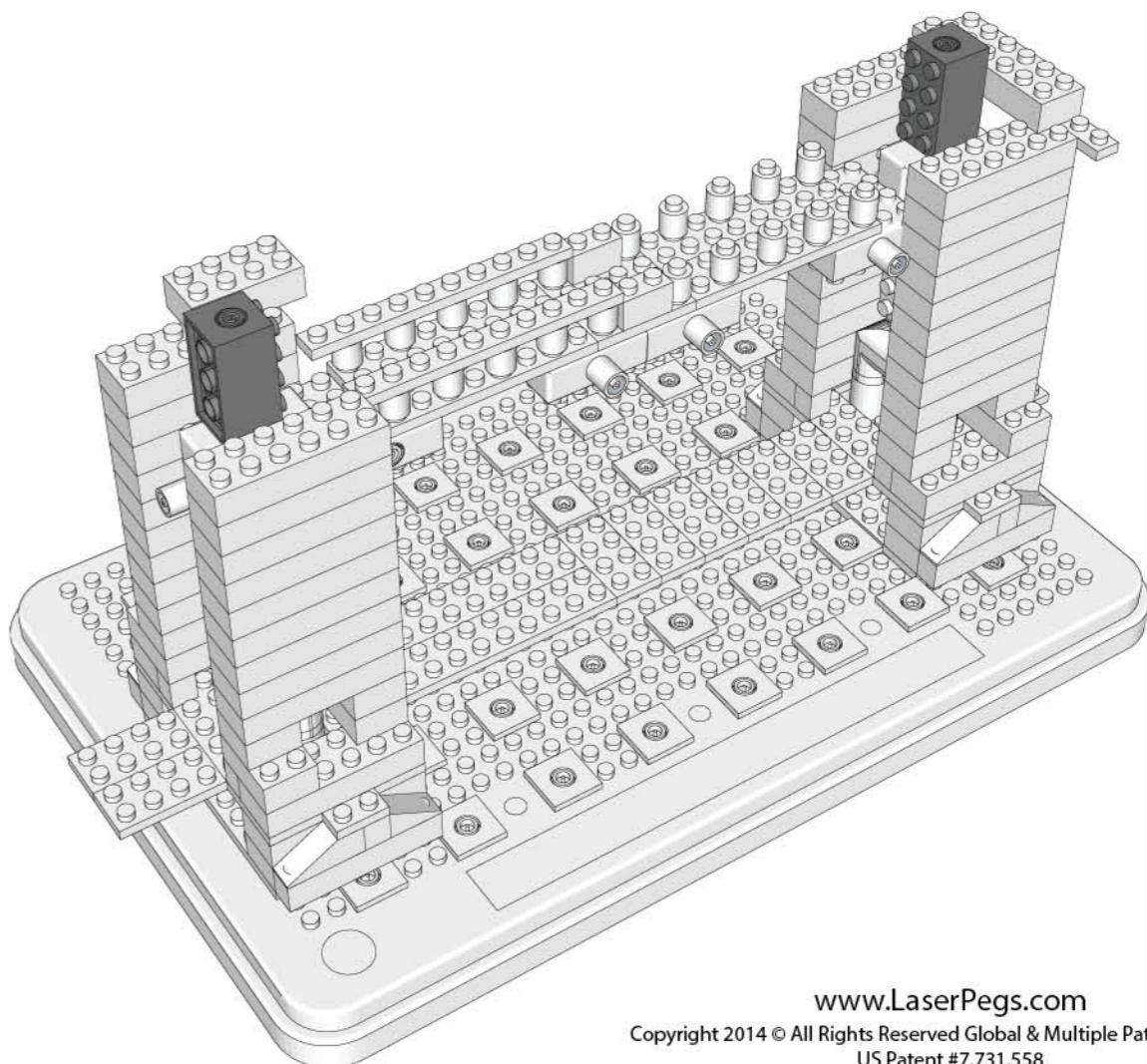
STEP
58

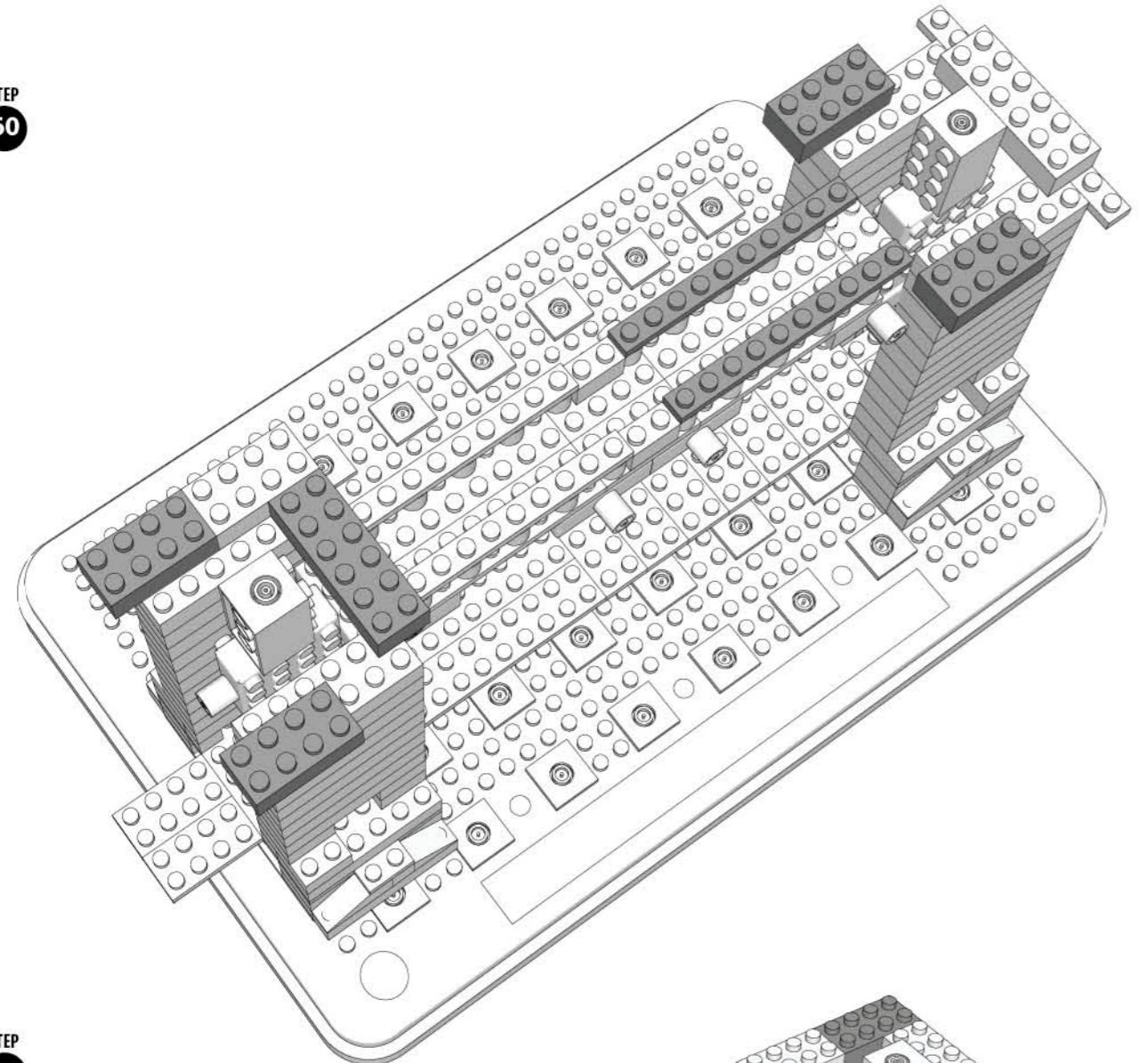


STEP
57

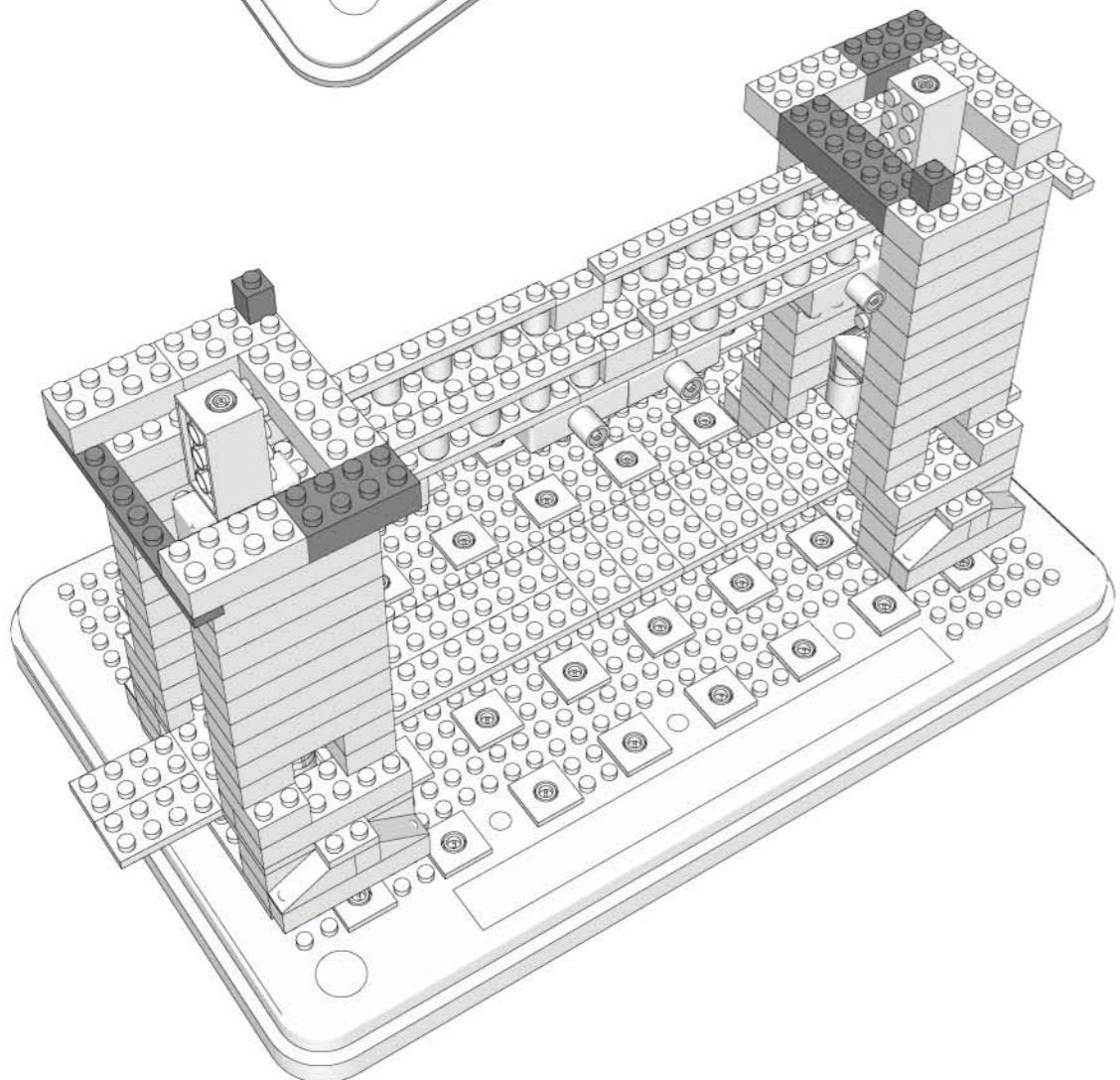


STEP
59

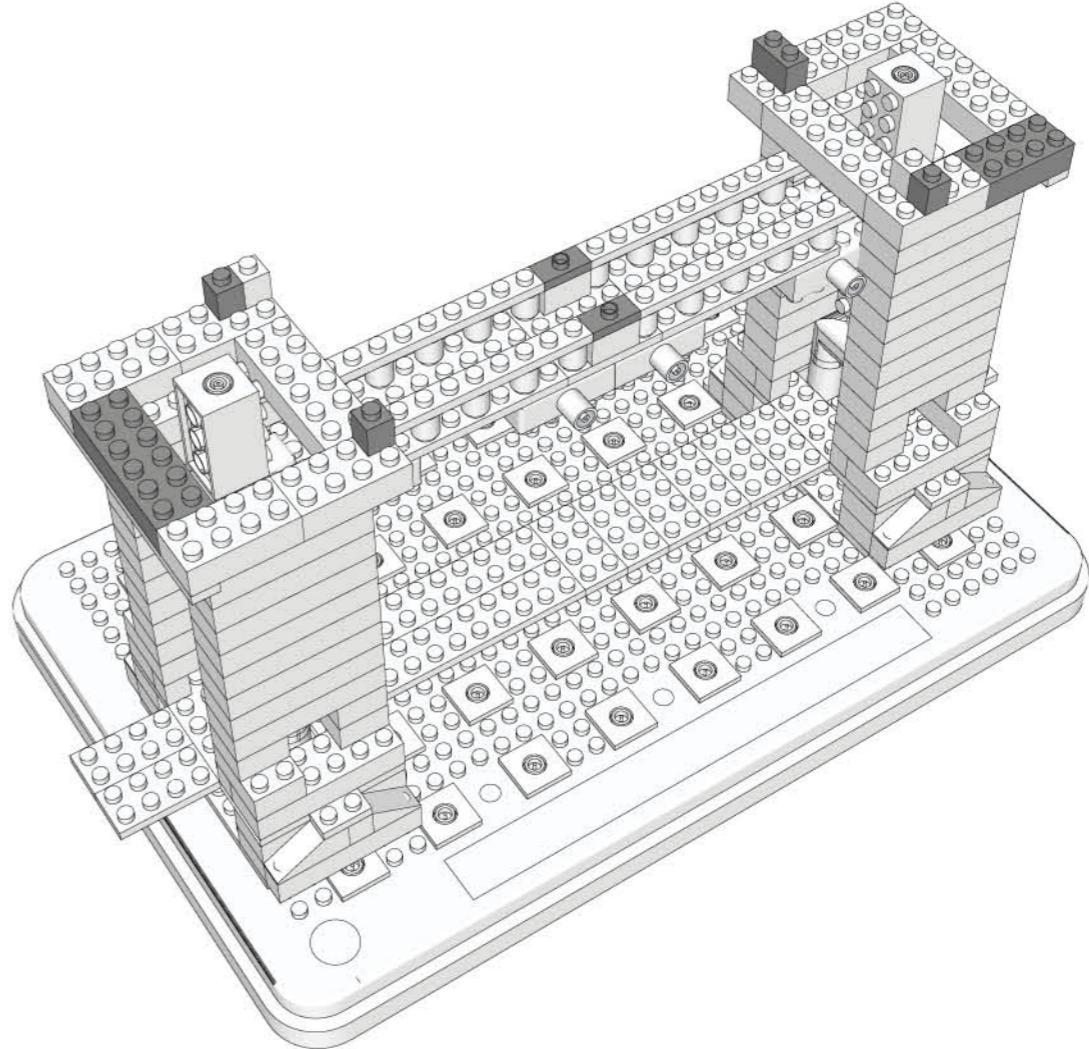




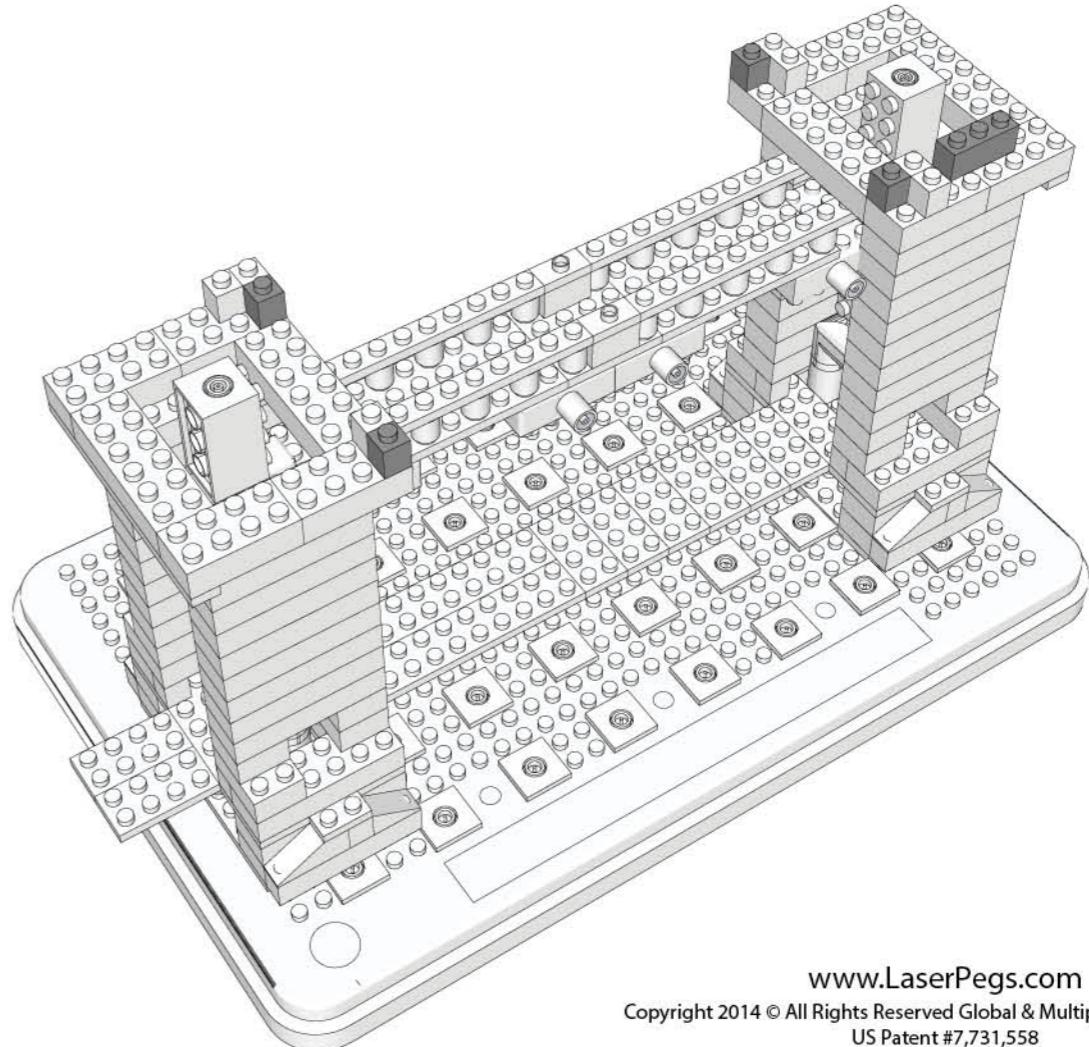
**STEP
61**



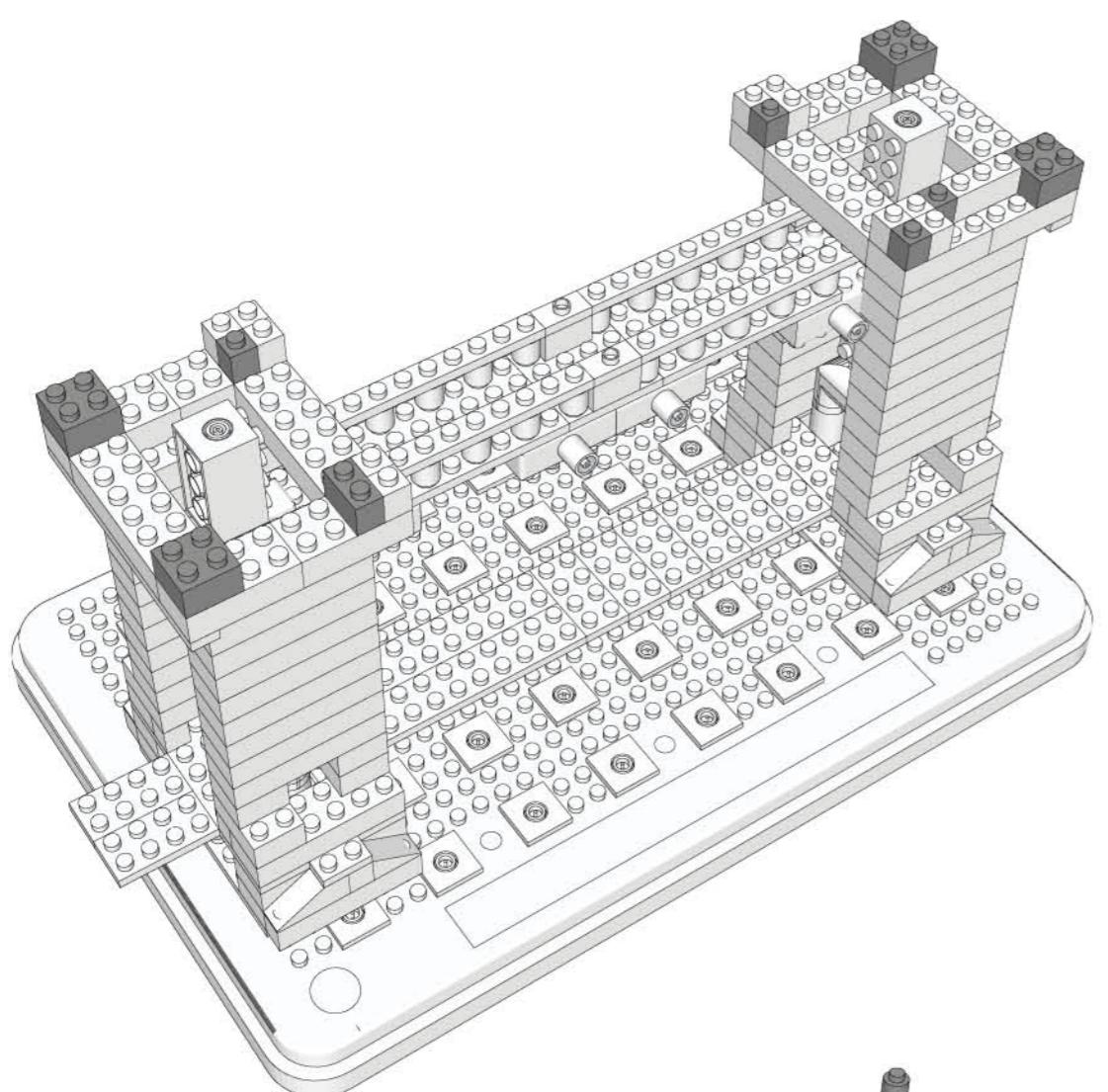
**STEP
60**



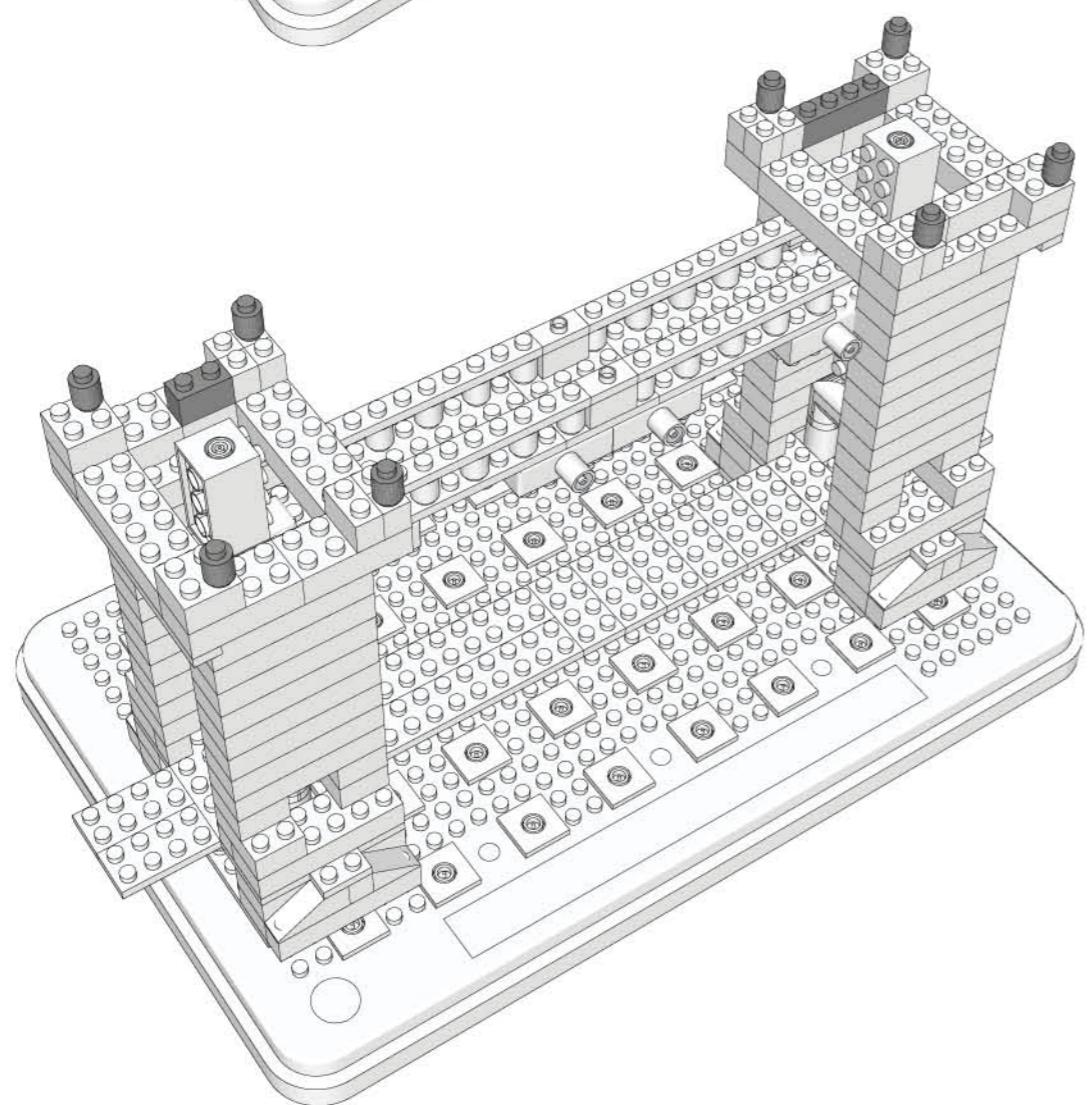
**STEP
63**



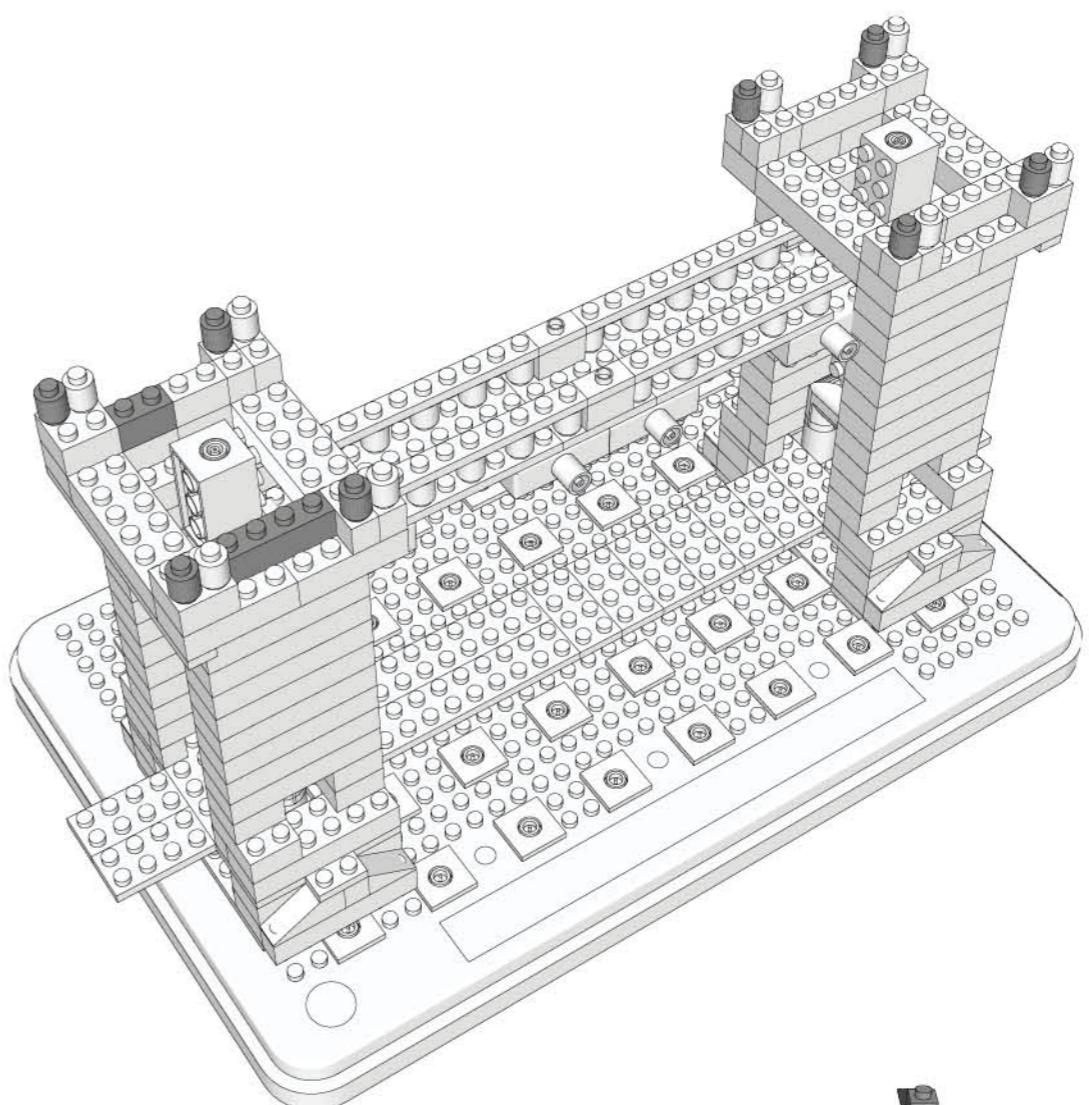
STEP
62



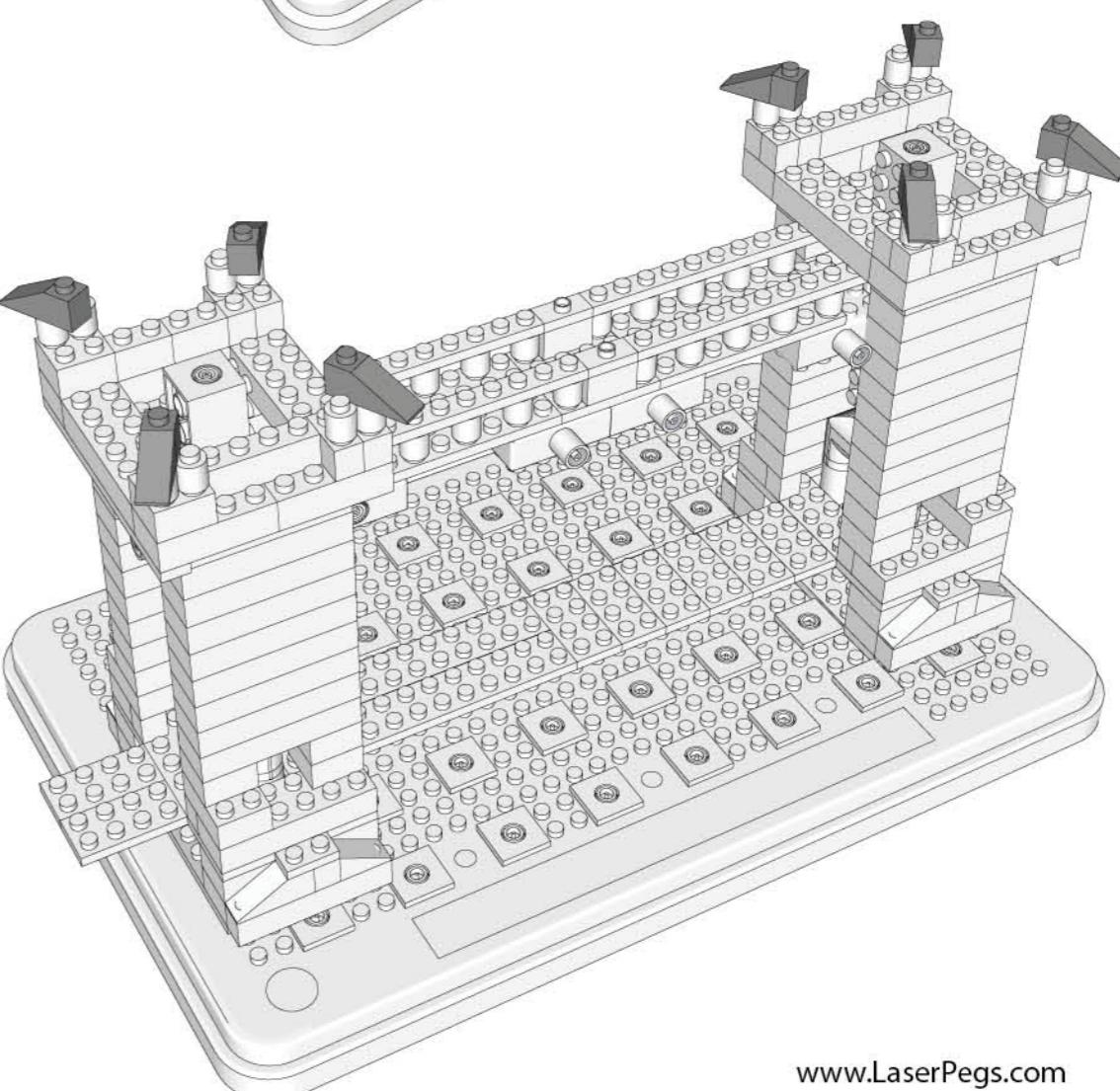
STEP
65



**STEP
64**

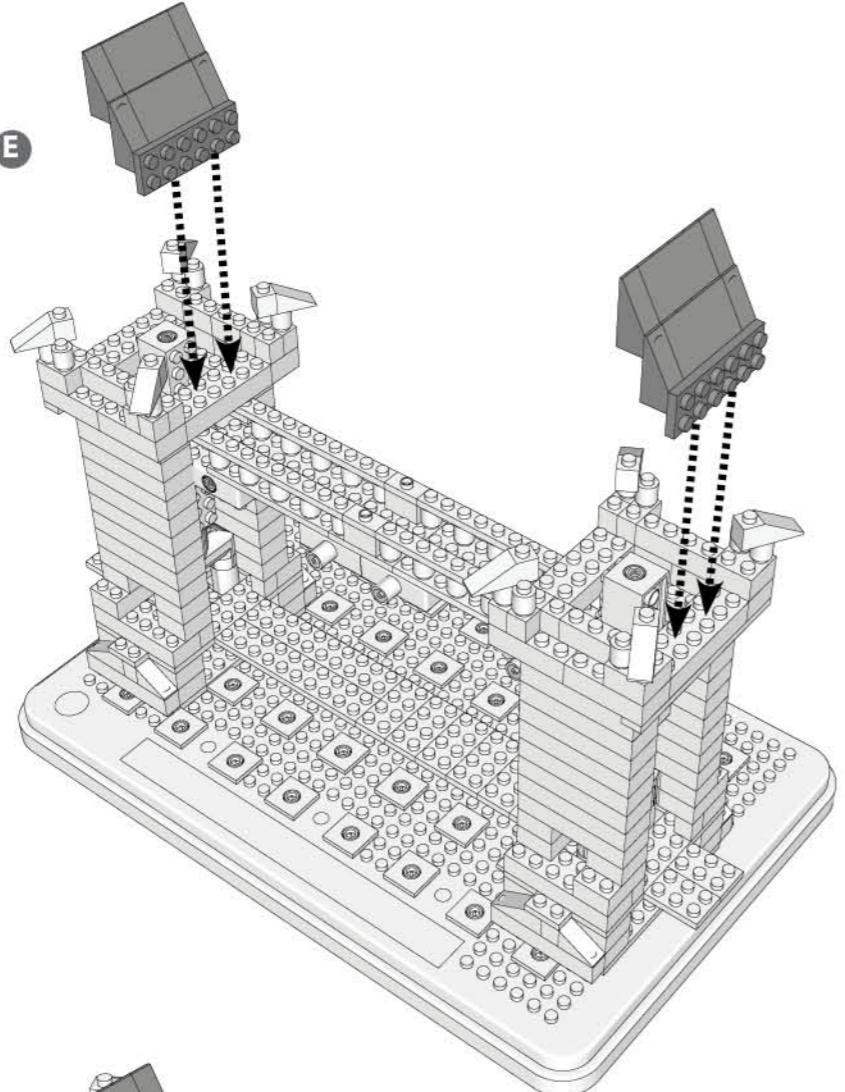
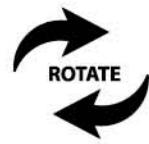


STEP
67

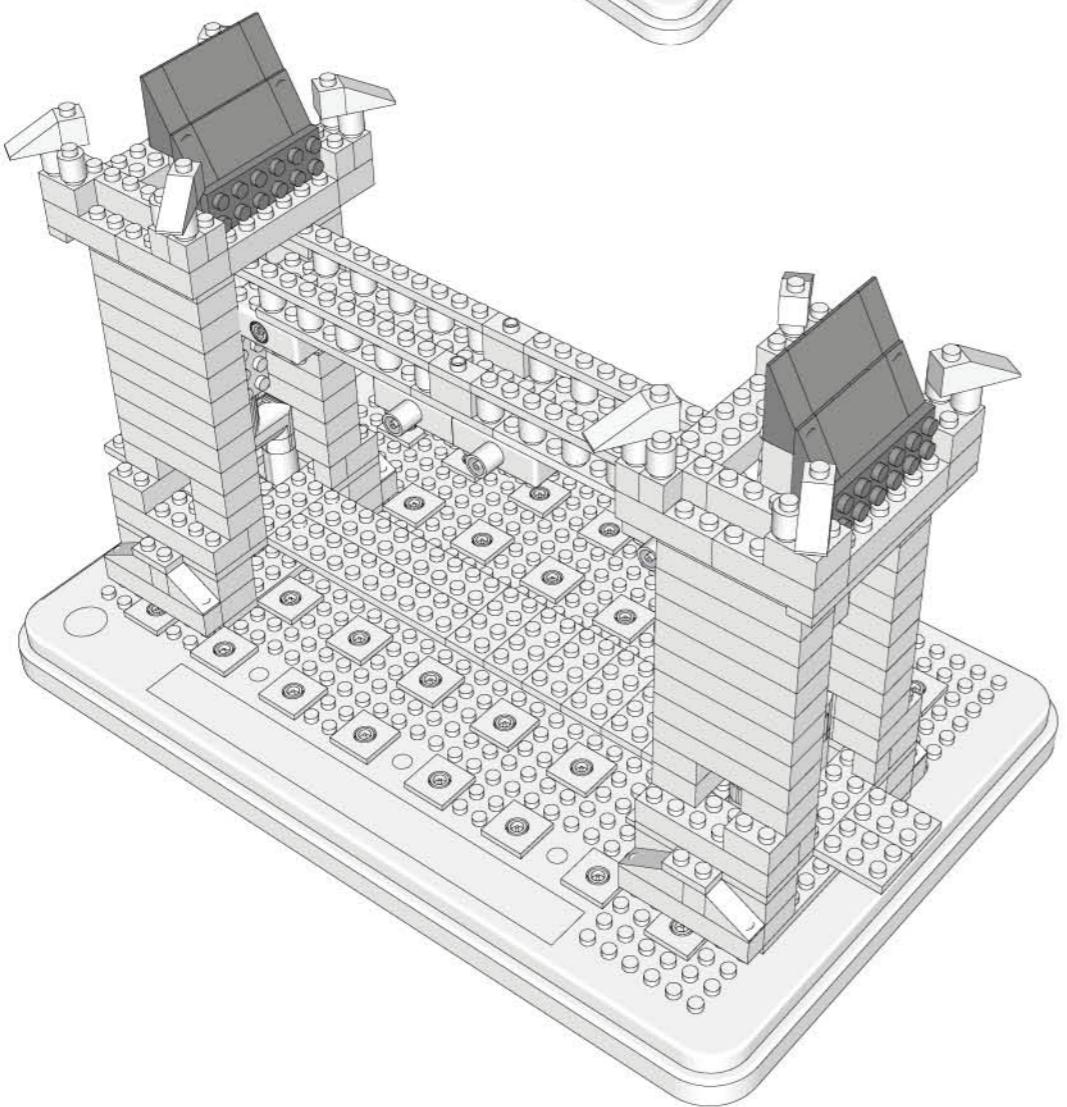


**STEP
66**

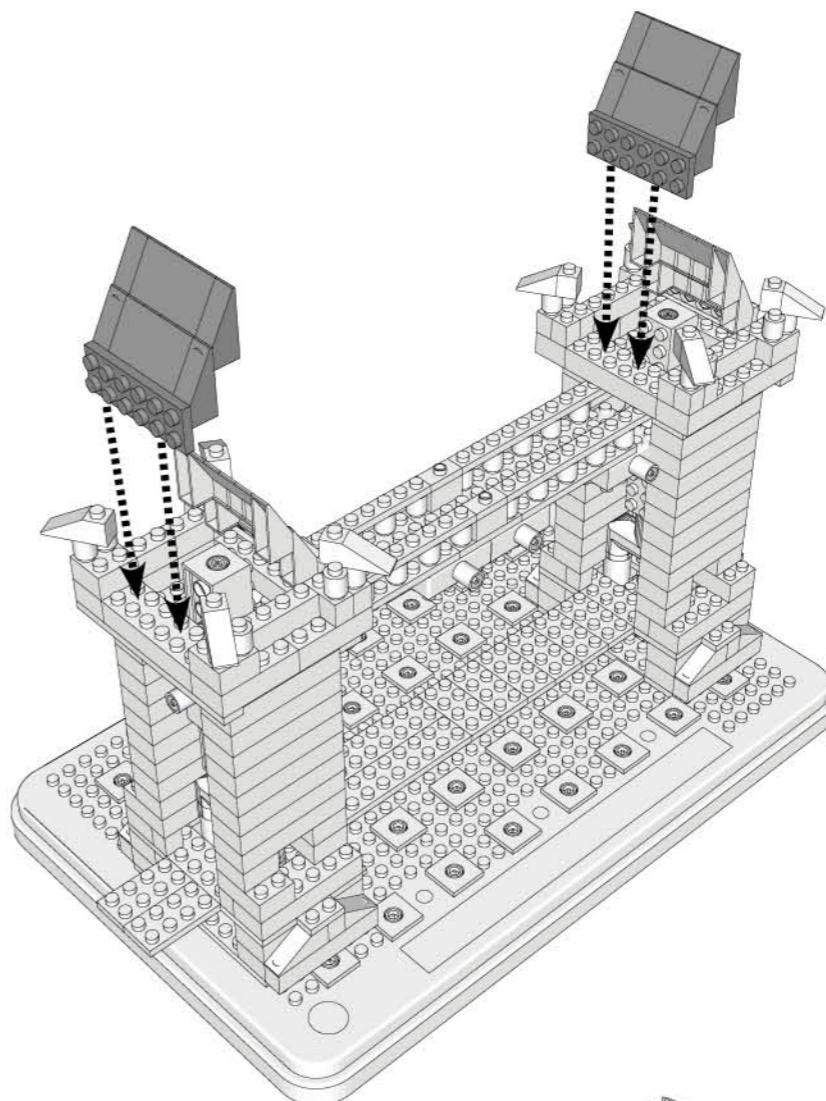
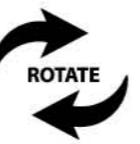
STEP
68 COMBINE E



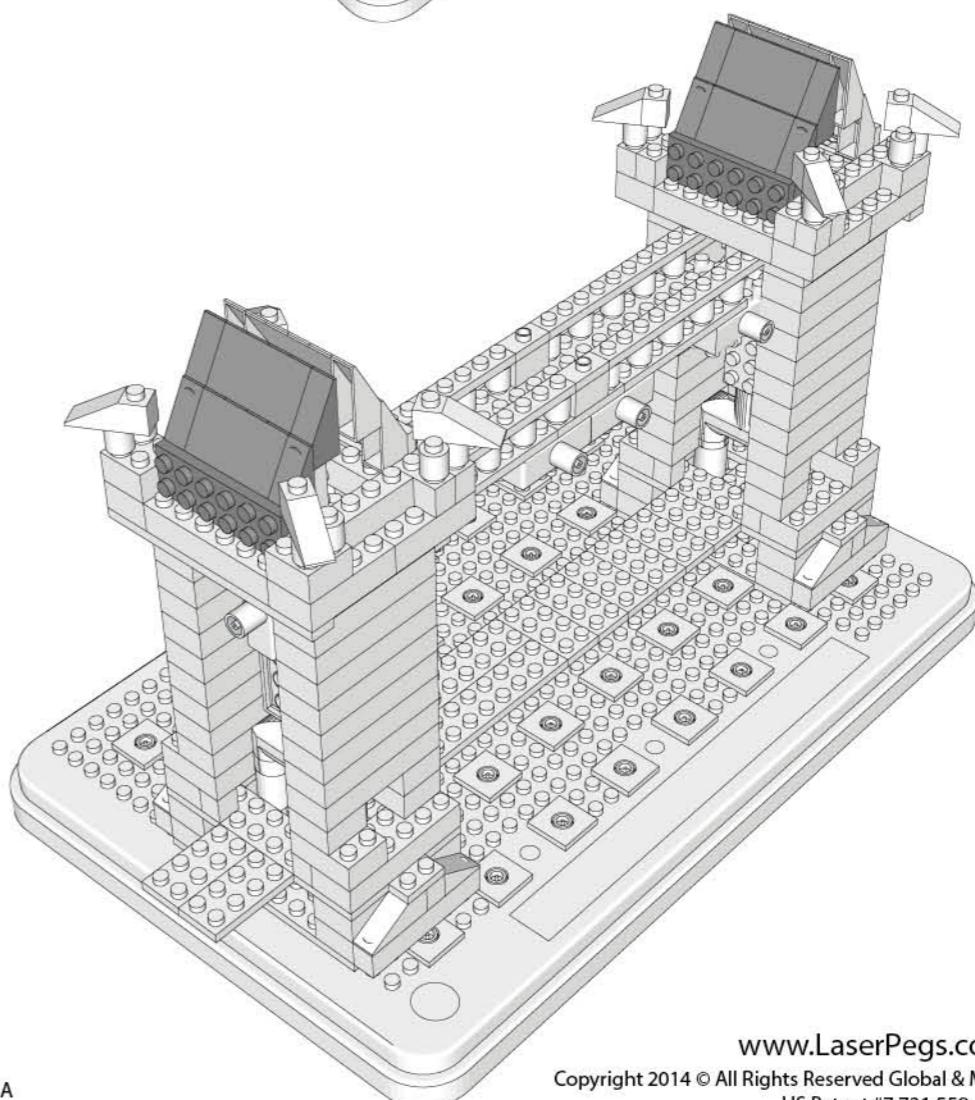
STEP
69



STEP
70 COMBINE E



STEP
71



MADE IN CHINA

www.LaserPegs.com

Copyright 2014 © All Rights Reserved Global & Multiple Patents Pending.
US Patent #7,731,558