

# Building a Navy Board Model of HMS Sussex 1693

Gilbert McArdle

*Presented at the*



April 1 & 2, 2011  
Newport Beach, CA

Unless otherwise noted, all information in this presentation is used by permission and is Copyright 2011. Gilbert McArdle. All rights reserved. Used by permission.



Some images and information herein may have appeared in the following books published by SeaWatch Books . All such information is subject to copyright notices published in these publications. For details, contact SeaWatch Books, LLC, 19 Sea Watch Place, Florence, OR 97439, USA, (541) 997 – 1282, [www.seawatchbooks.com](http://www.seawatchbooks.com)

*Building a Navy Board Model of HMS Sussex 1693.* ISBN 978-0-9820579-5-7



[www.shipmodelersassociation.org](http://www.shipmodelersassociation.org)



[www.nhnm.org](http://www.nhnm.org)

BUILDING A NAVY BOARD MODEL

OF

HMS

Sussex

1693



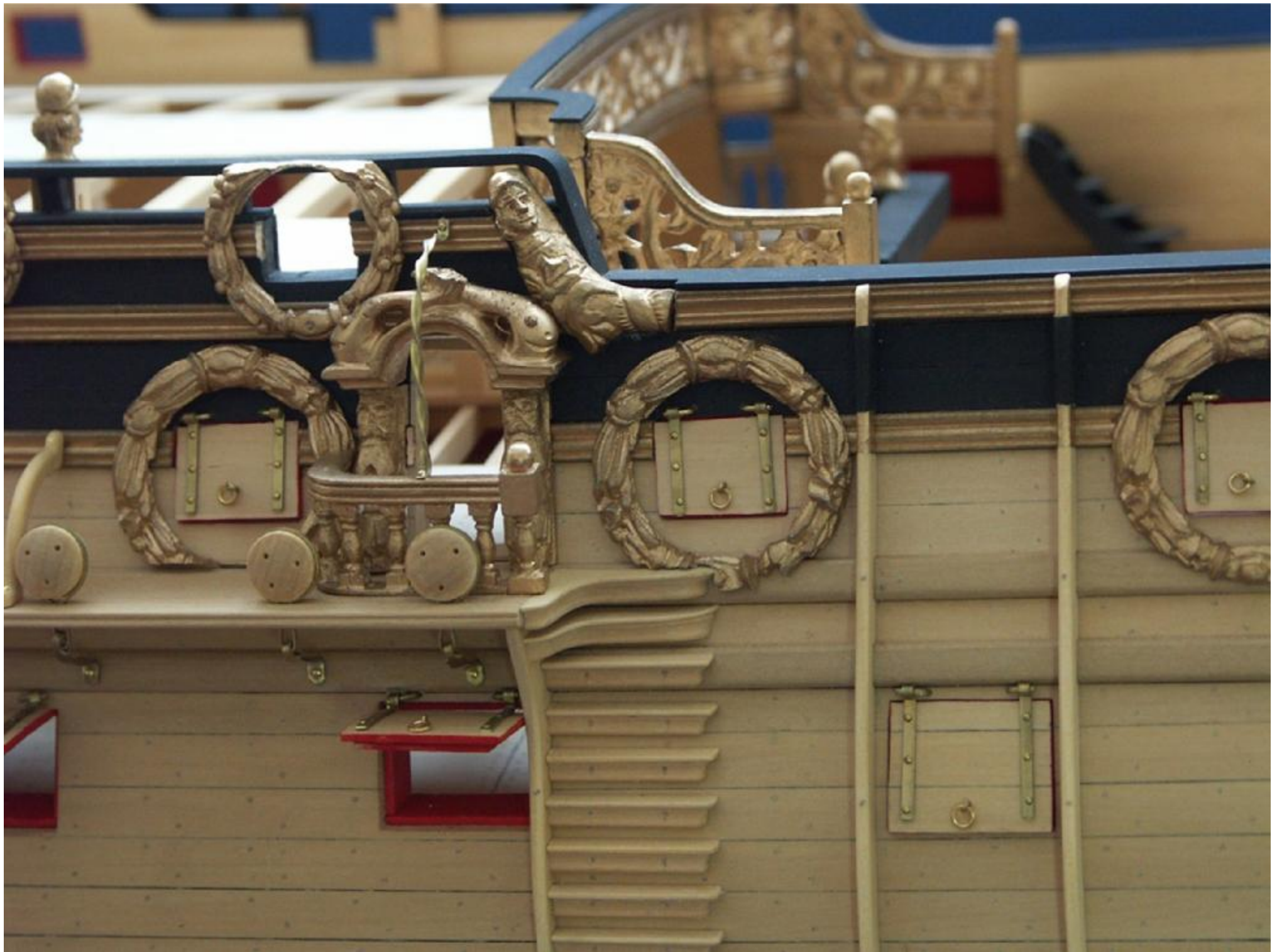












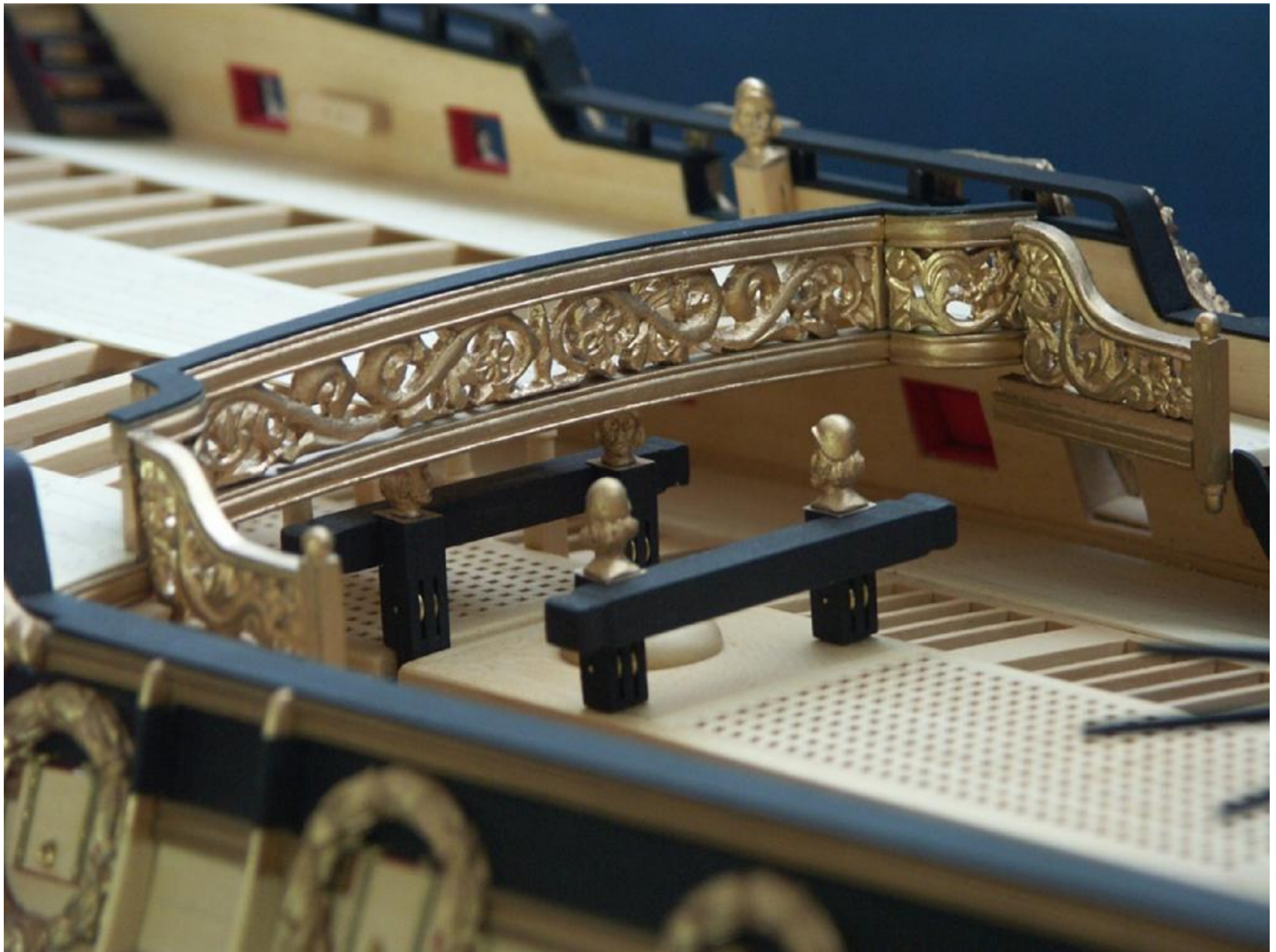




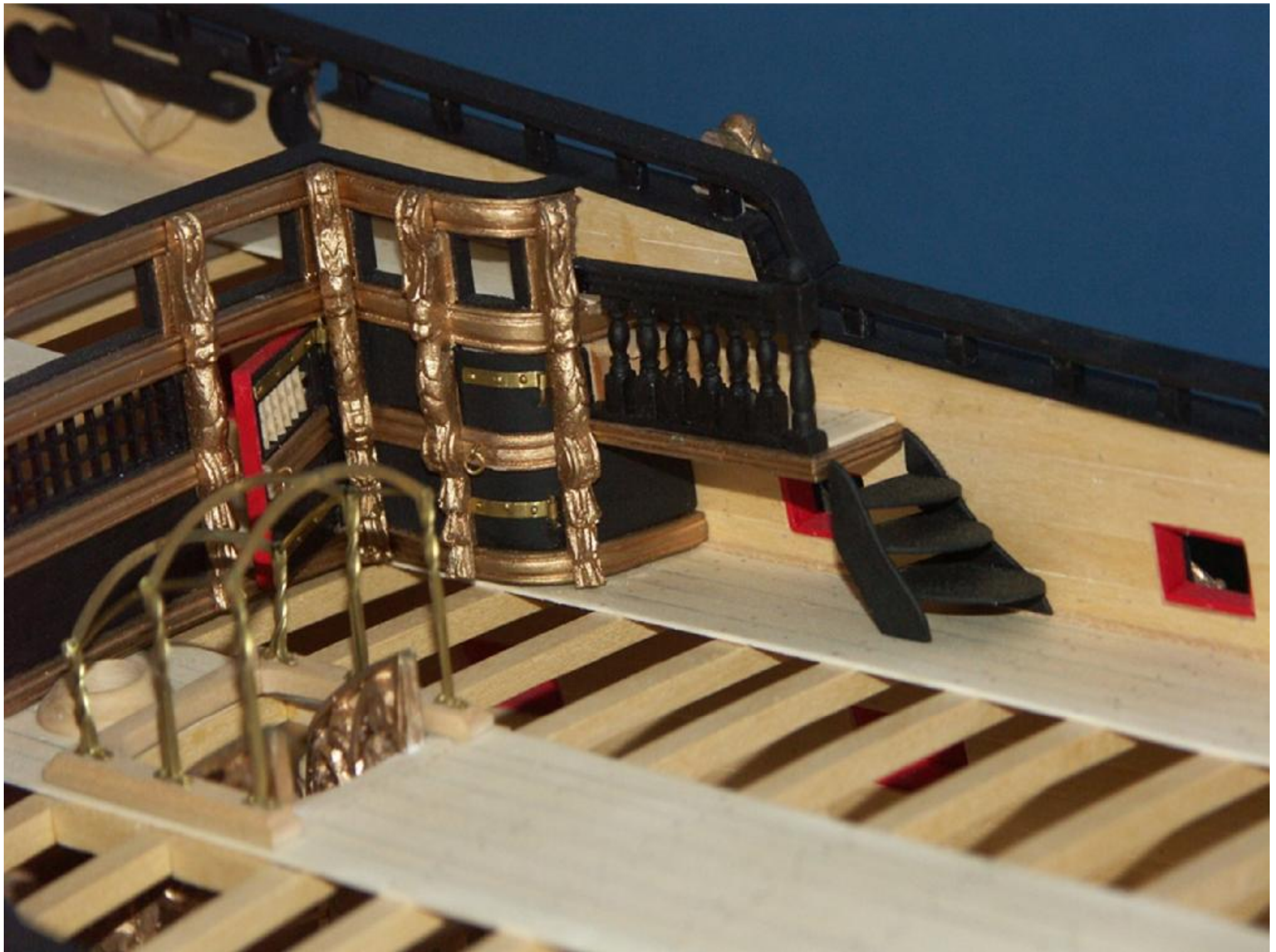




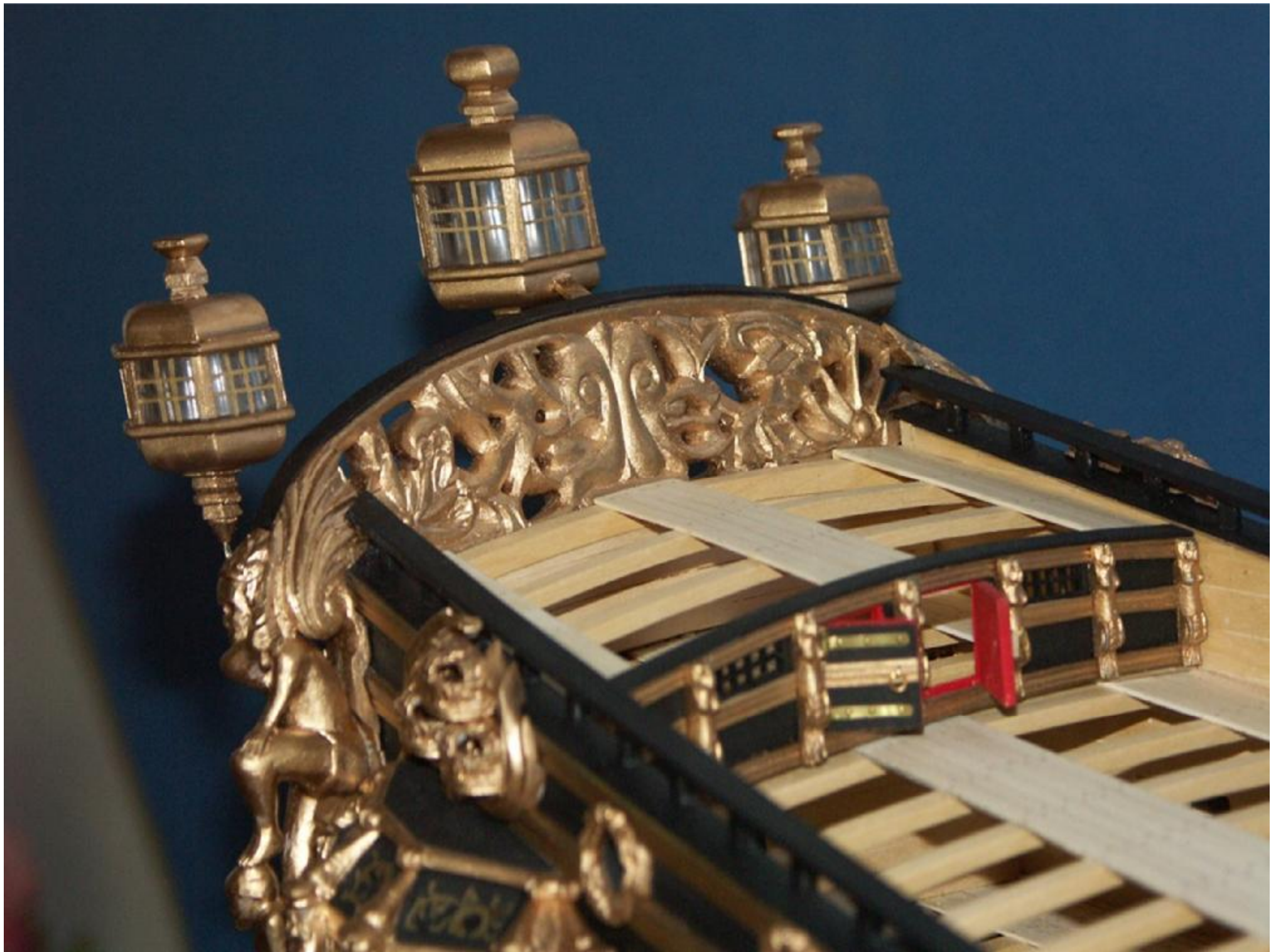
















JAMES I (James VI of Scotland---Stewart)

CHARLES I (beheaded)

CROMWELL

CHARLES II (Restoration---1630-1685)

JAMES II (Duke of York---brother of Charles II)

WILLIAM III (Wm. Of Orange---Glorious  
revolution 1688)

BATTLE OF BOYNE (Ireland--- July 12, 1690)

William of Orange commissioned 13 ships including the SUSSEX.

3<sup>rd</sup> Rate: 70 Guns Length 157 feet. Beam 41 feet. Chatham 1693

20 tons gold and 60 tons silver in coin loaded on SUSSEX.  
for bribe Duke of Savoy (4 billion)

Join William III in League of Augsburg to fight Louis XIV.

SUSSEX foundered of Gibraltar in "Levanter" in 1694.

Alleged found wreck of SUSSEX of Gibraltar by Odyssey Marine Corp.



# HULL CONSTRUCTION

HAHN METHOD (upside down)

BRUCKSHAW METHOD (right side up)

CHOICE (without Hahn or Bruckshaw jigs)

HAHN METHOD

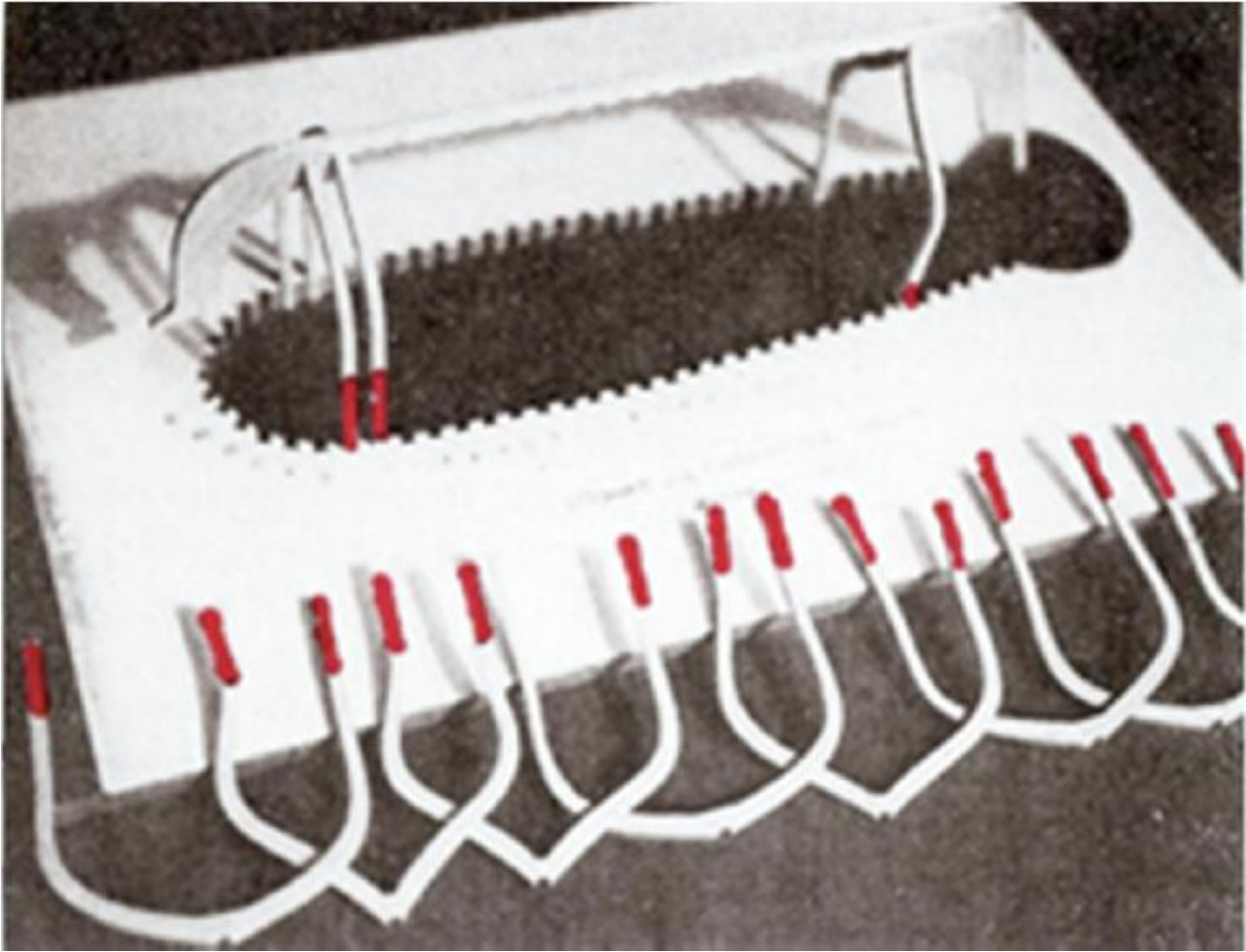
CUT FRAMES ACCURATELY

TEMPLATE

FRAMES GLUED INTO TEMPLATE

FRAMES IN TEMPLATE (WASTE  
WOOD)





HAHN METHOD

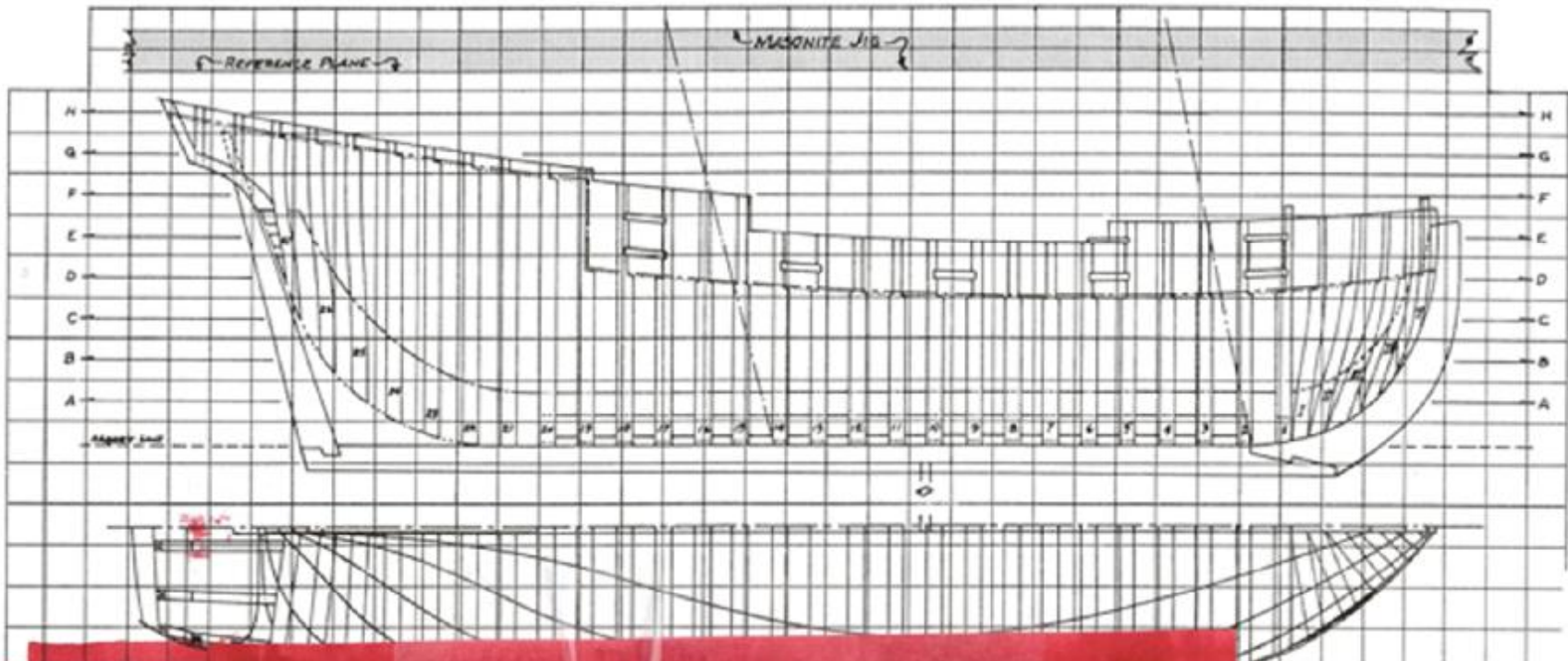
CUT FRAMES ACCURATELY

TEMPLATE

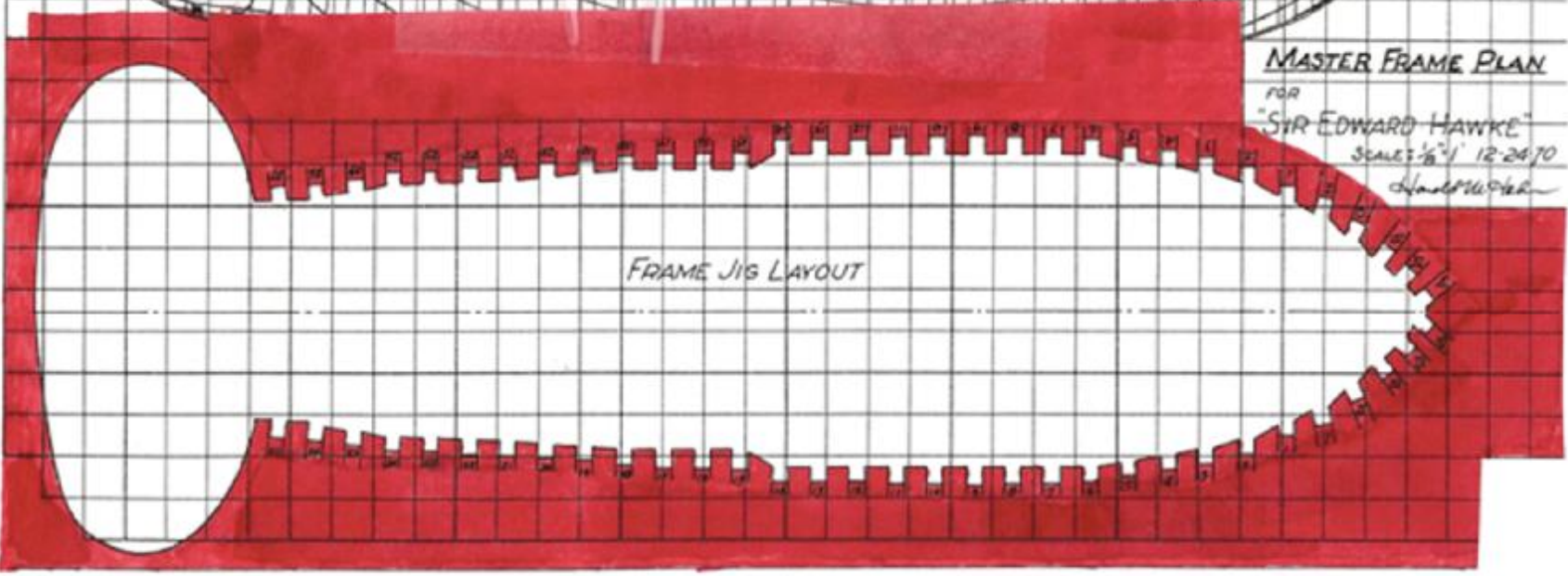
FRAMES GLUED INTO TEMPLATE

FRAMES IN TEMPLATE (WASTE  
WOOD)





**MASTER FRAME PLAN**  
FOR  
"SIR EDWARD HAWKE"  
SCALE 1/8" = 1' 12-24-70  
Handwritten



FRAME JIG LAYOUT

HAHN METHOD

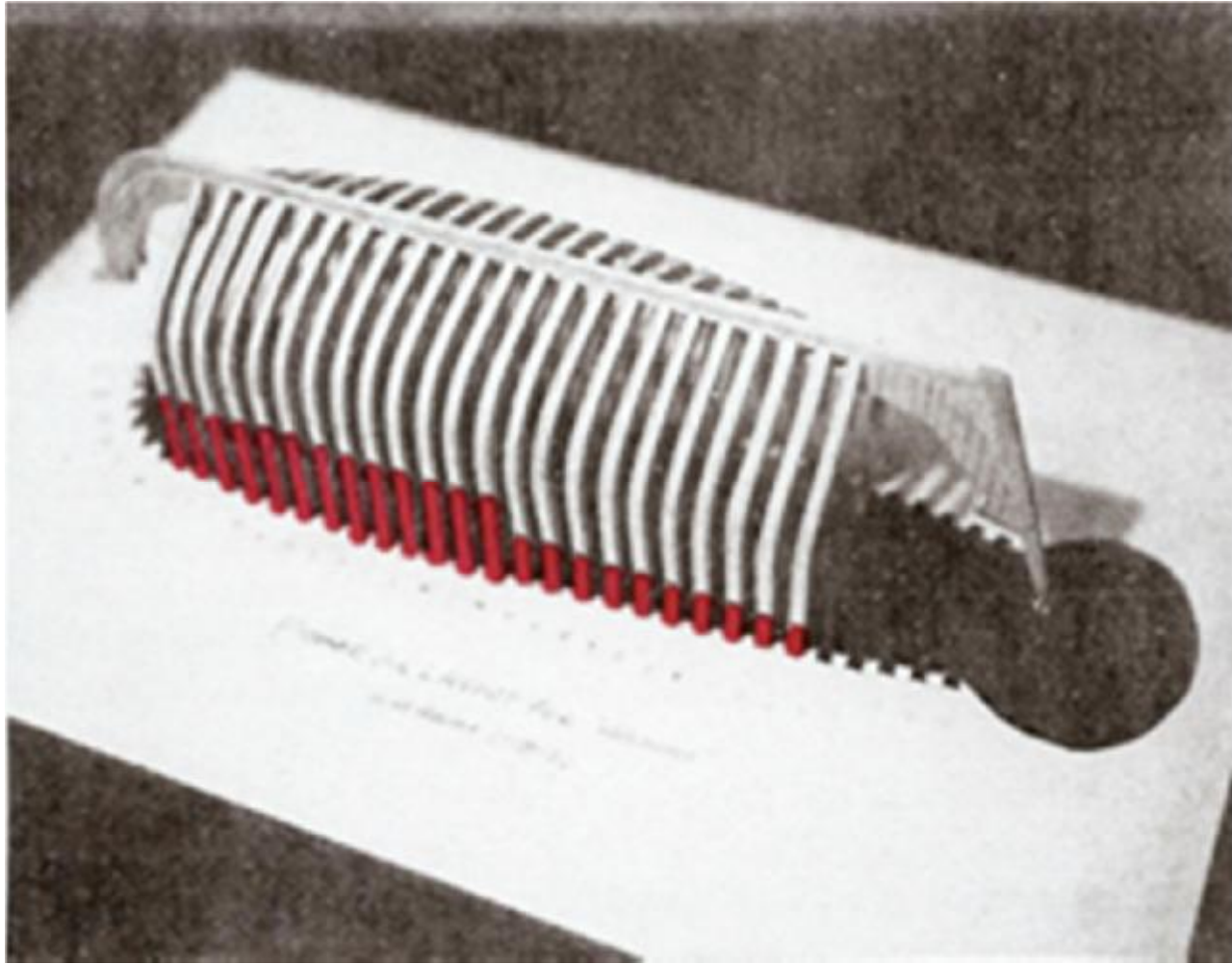
CUT FRAMES ACCURATELY

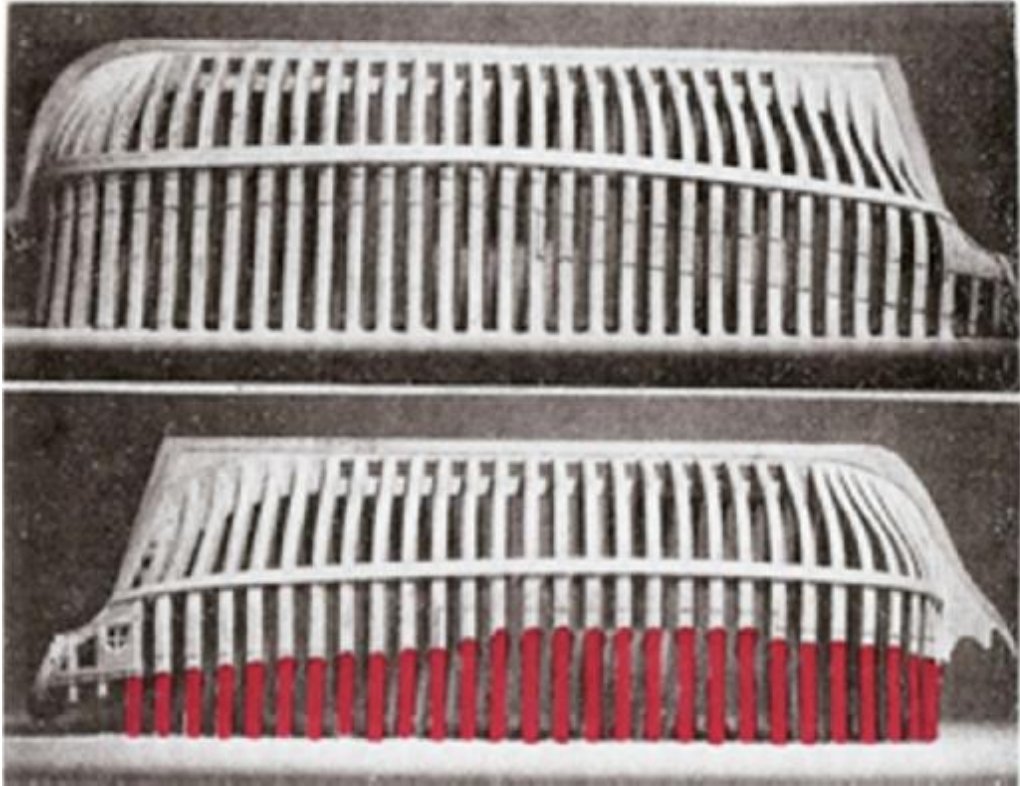
TEMPLATE

FRAMES GLUED INTO TEMPLATE

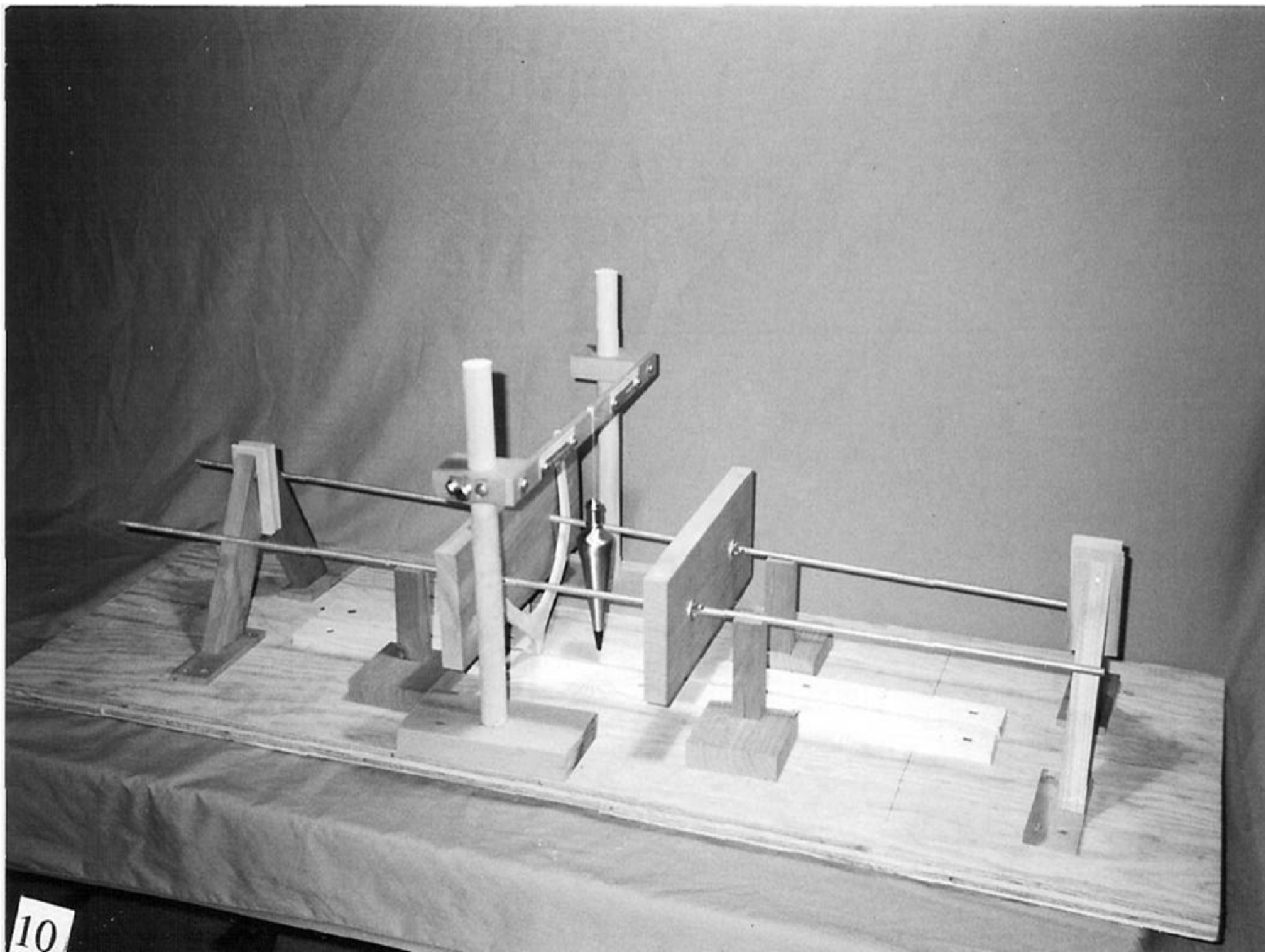
FRAMES IN TEMPLATE (WASTE  
WOOD)



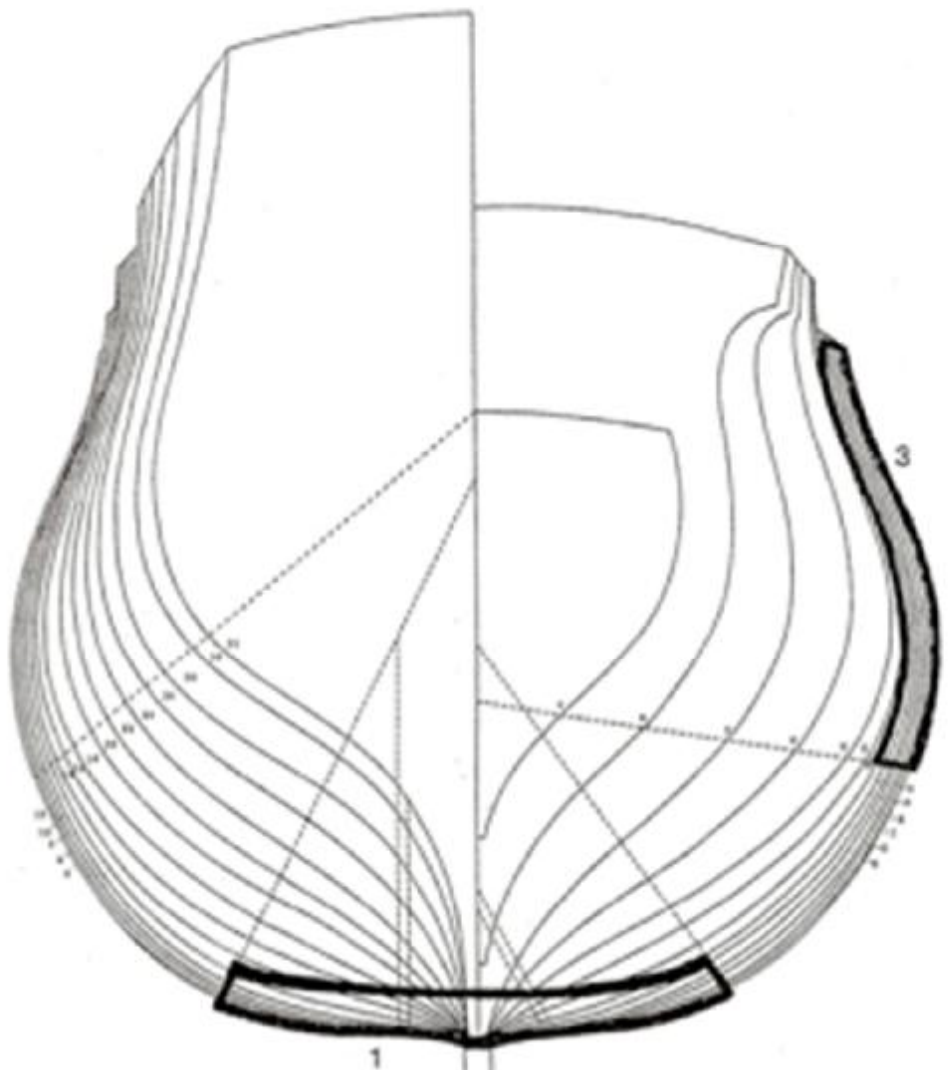
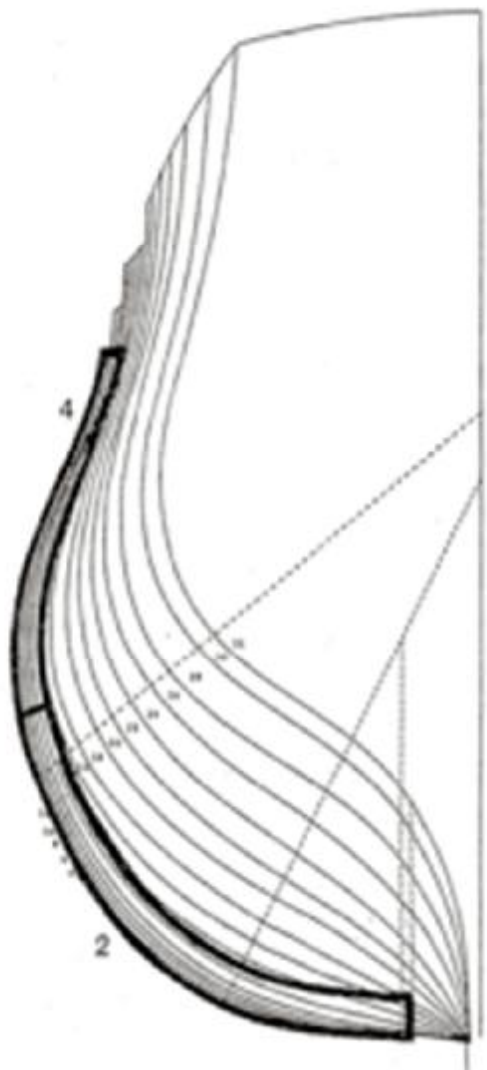


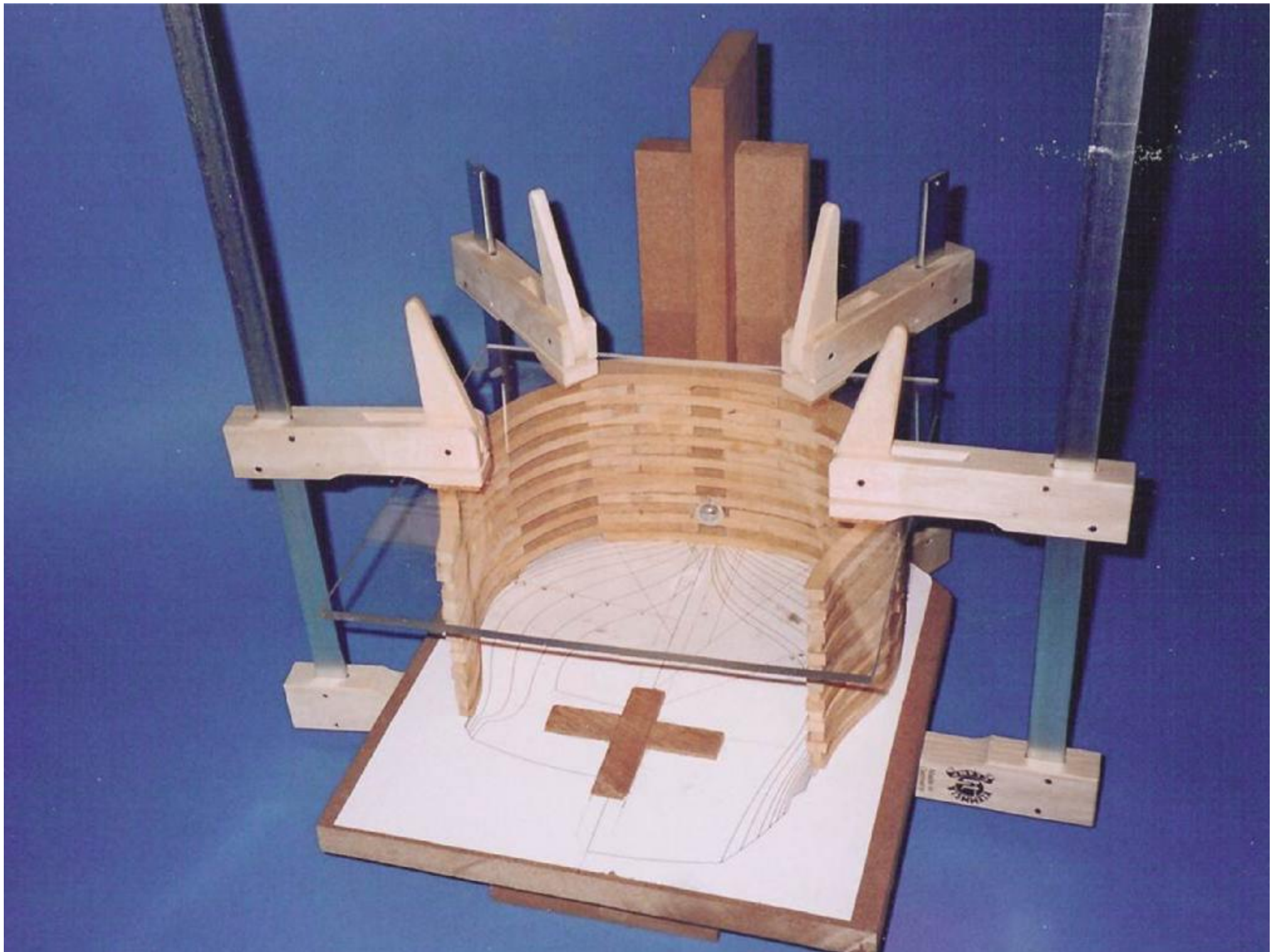






10

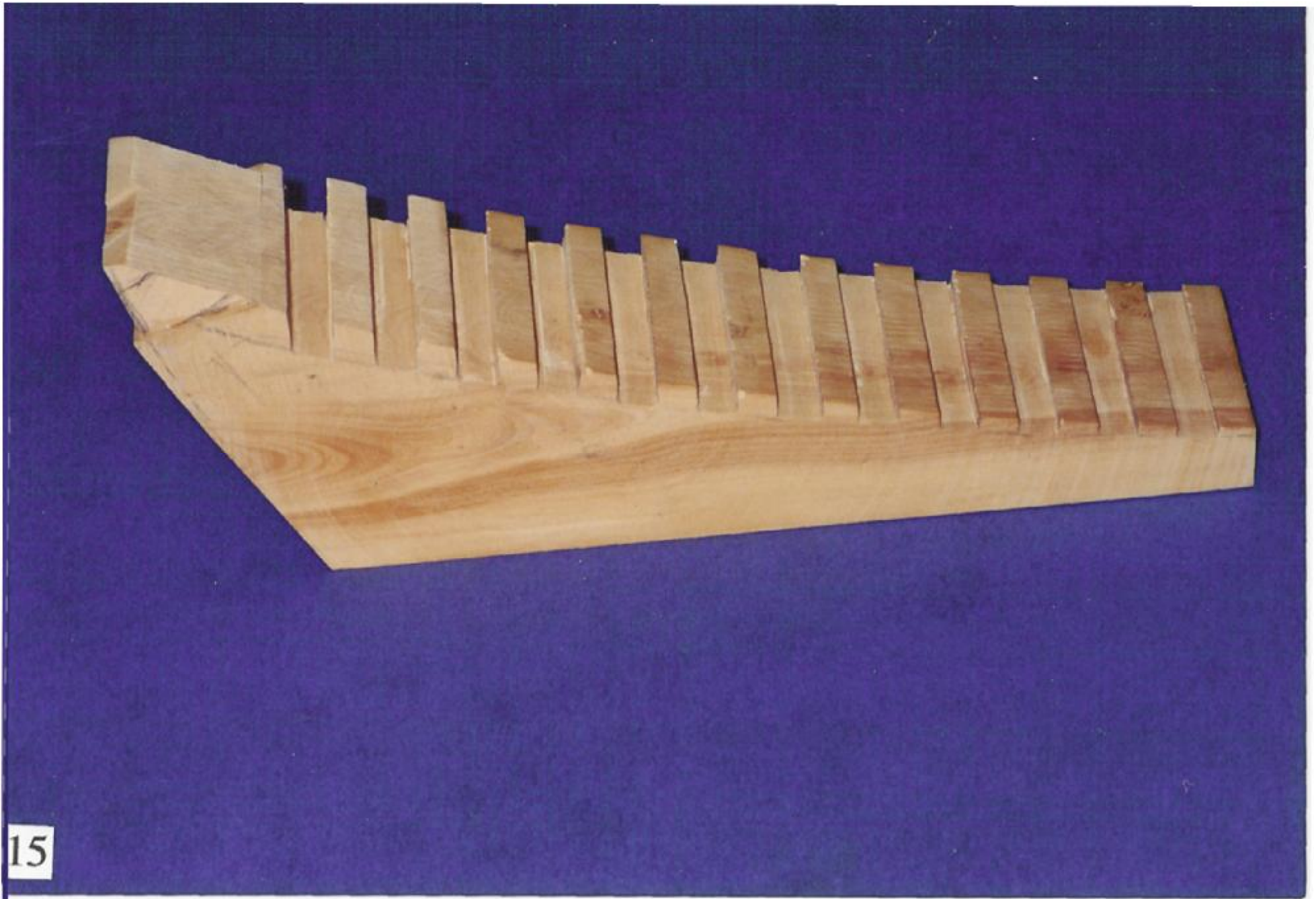






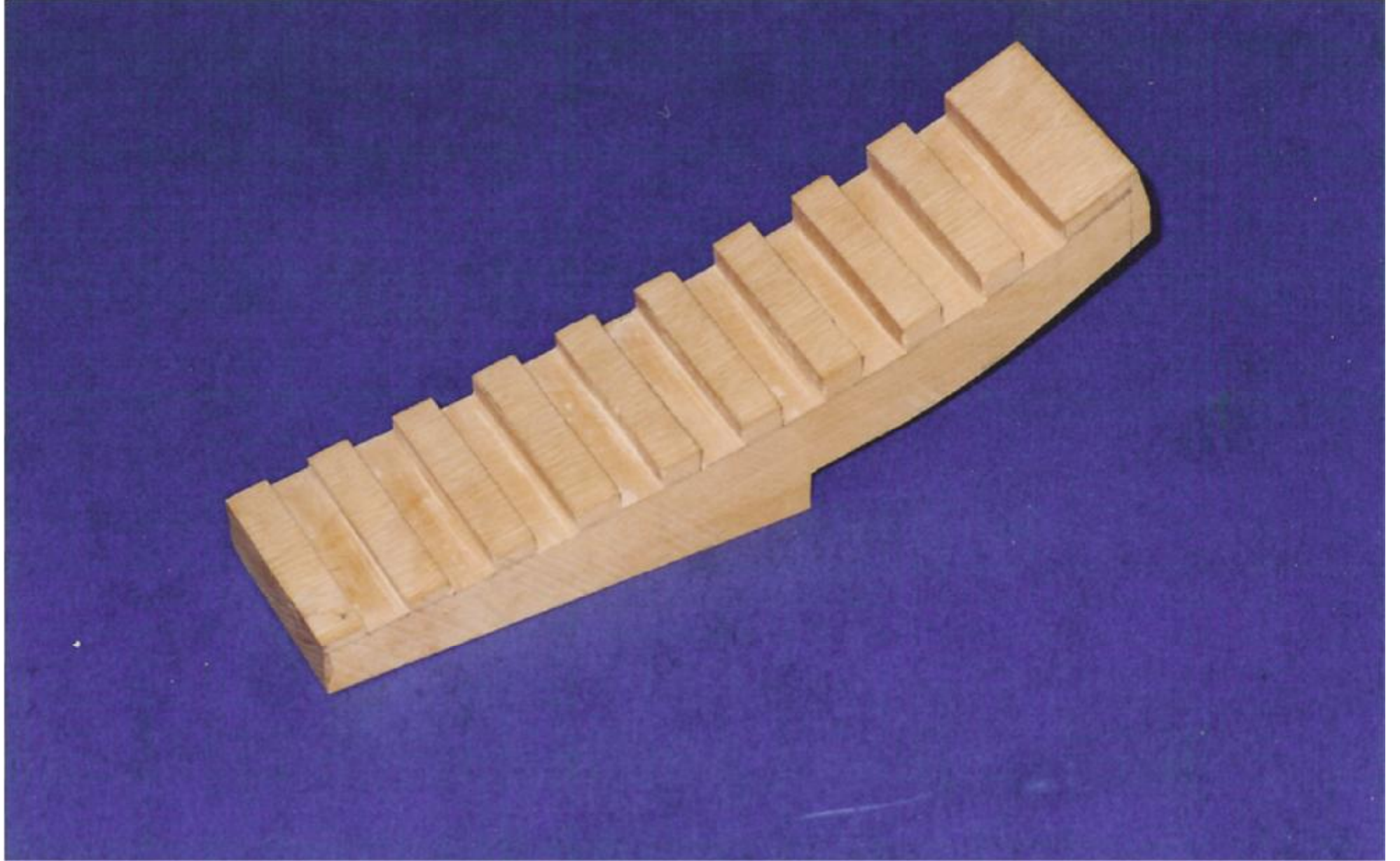


14

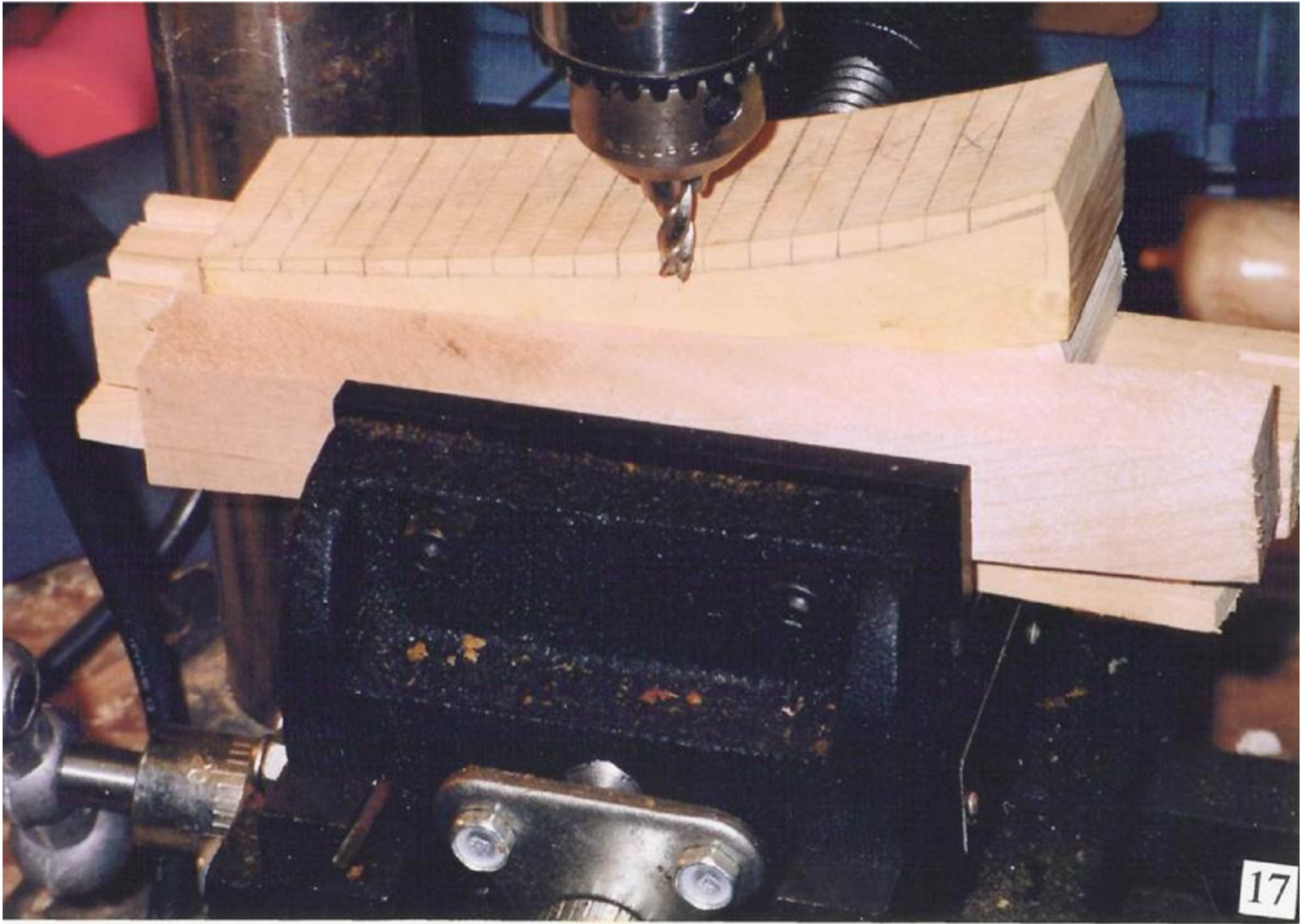


15



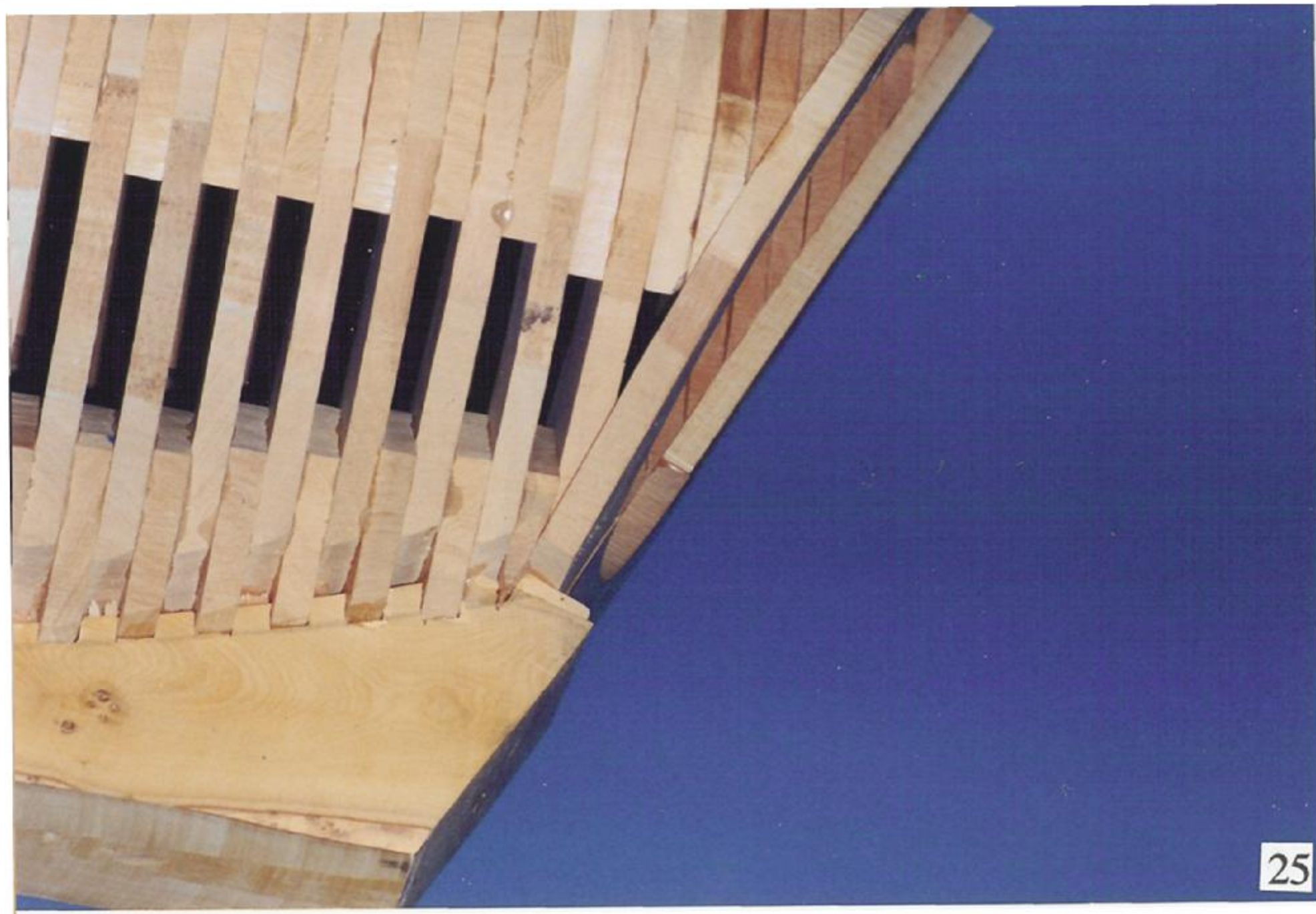






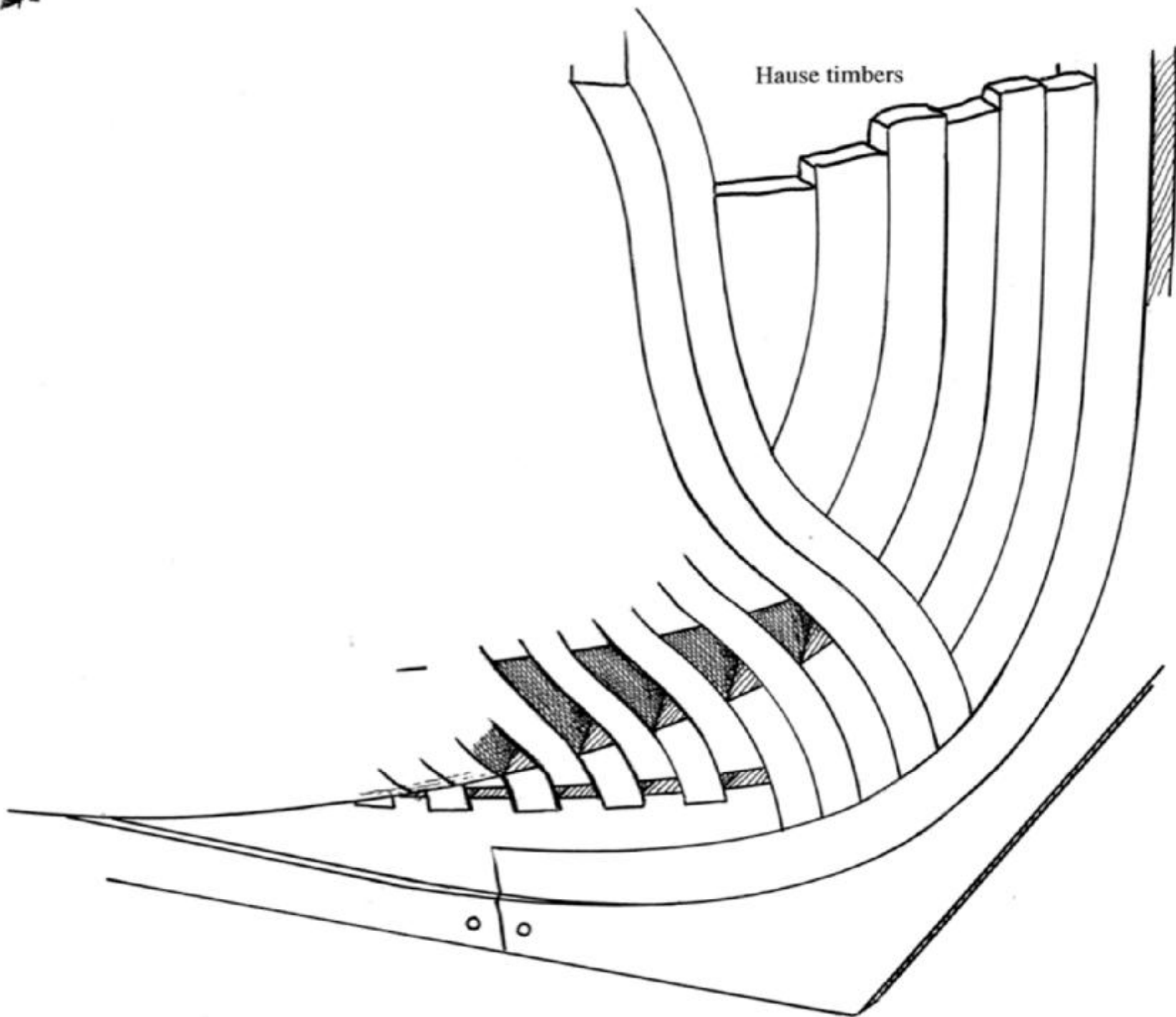


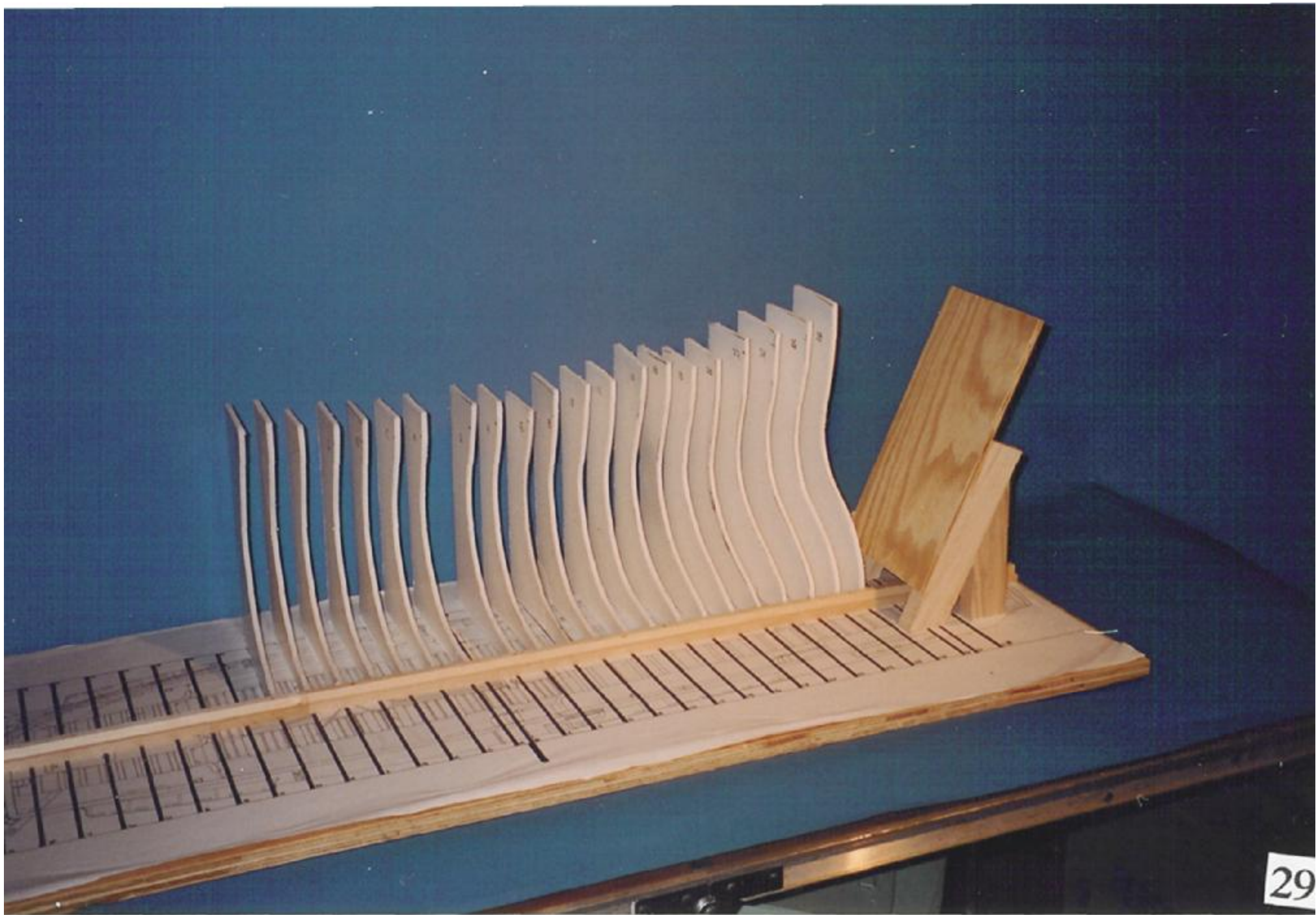






20



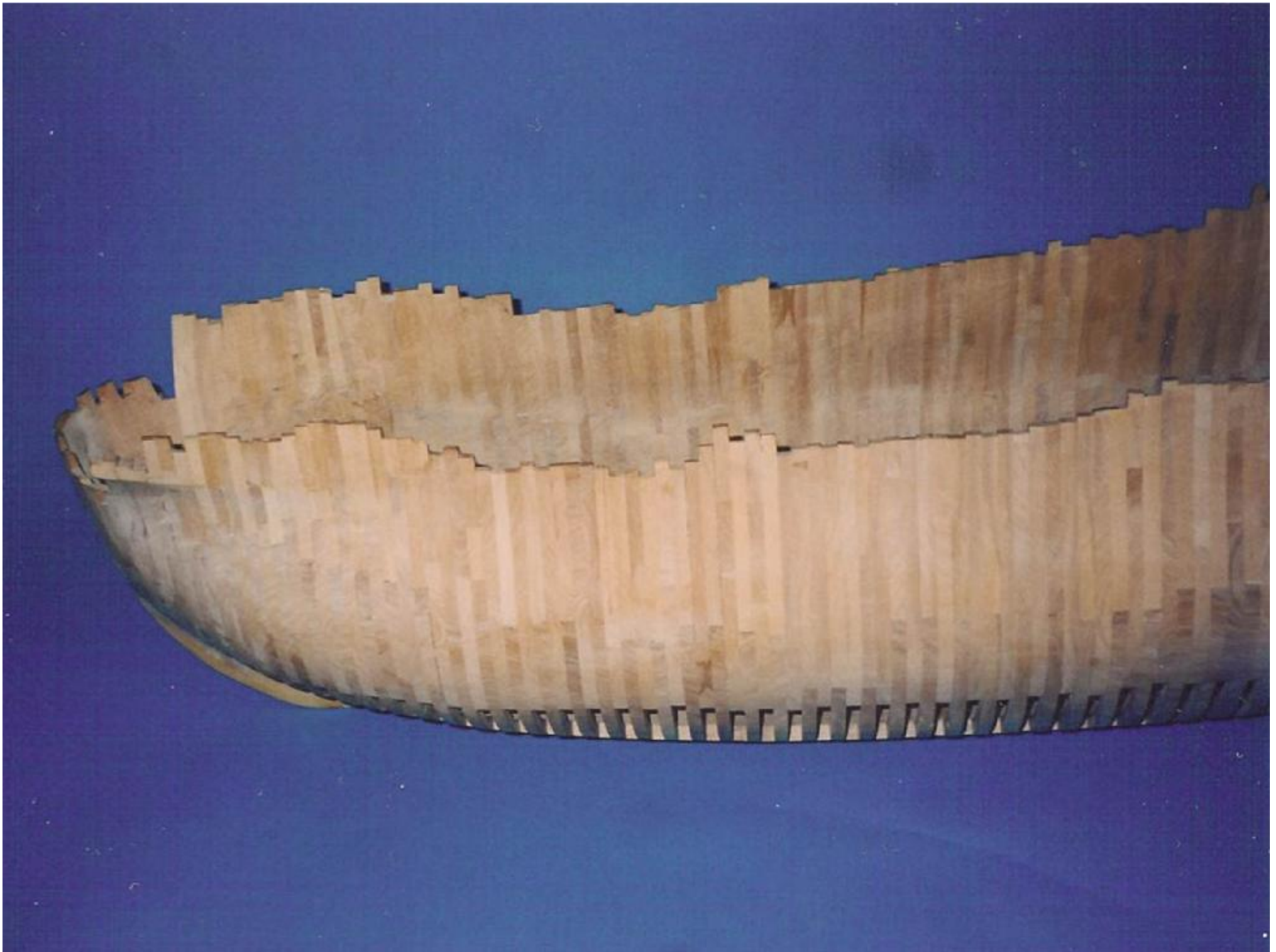




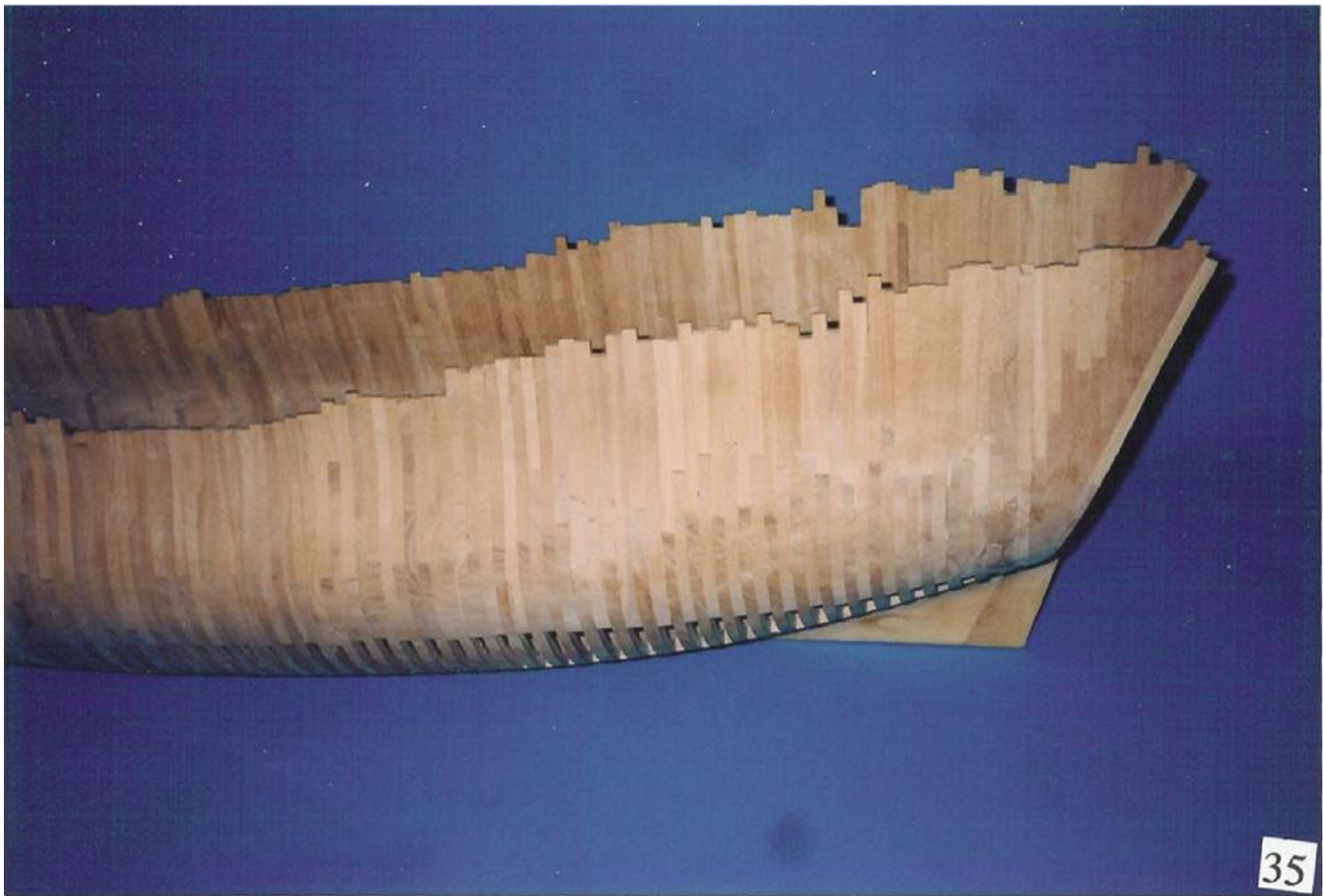




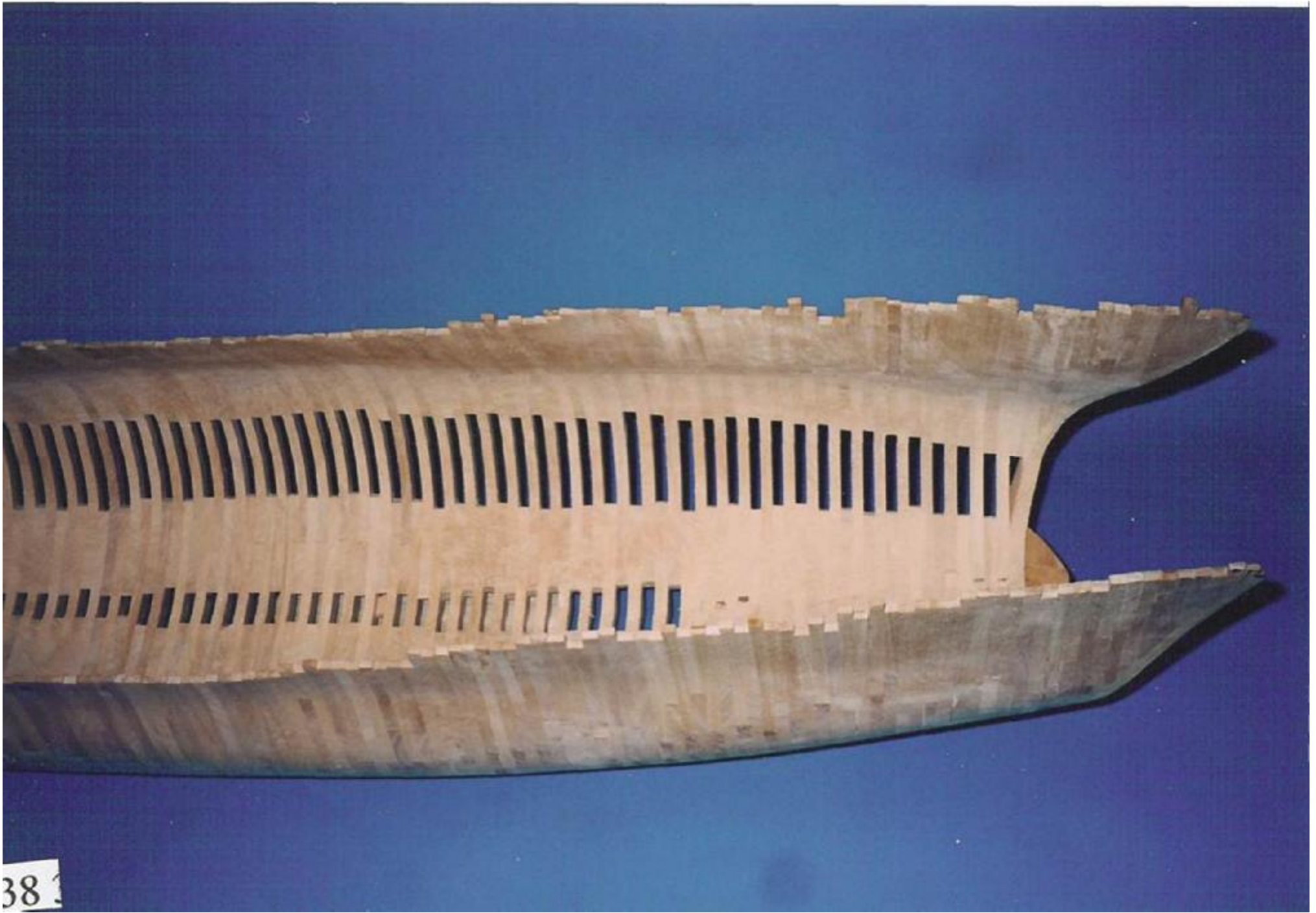






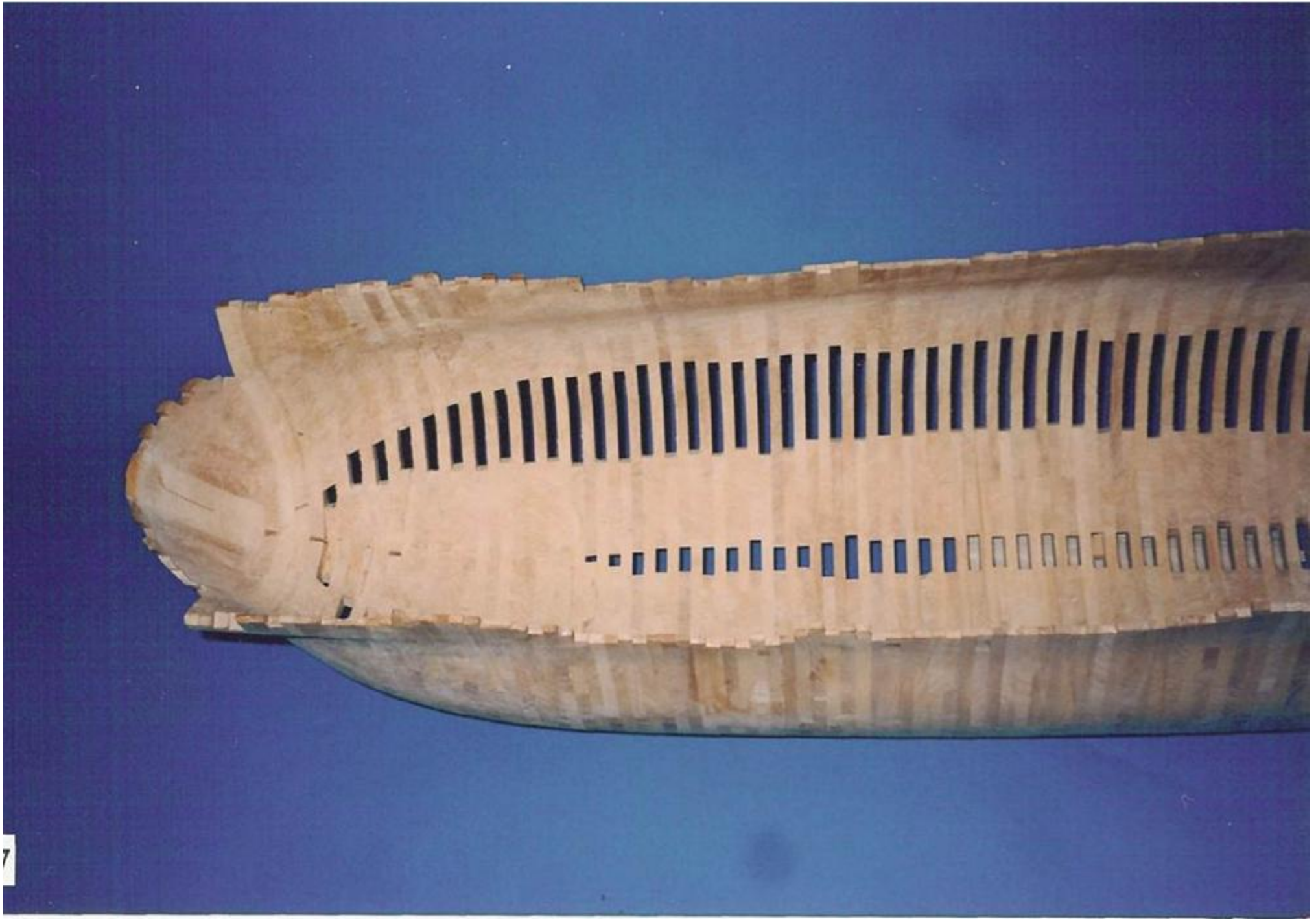


35



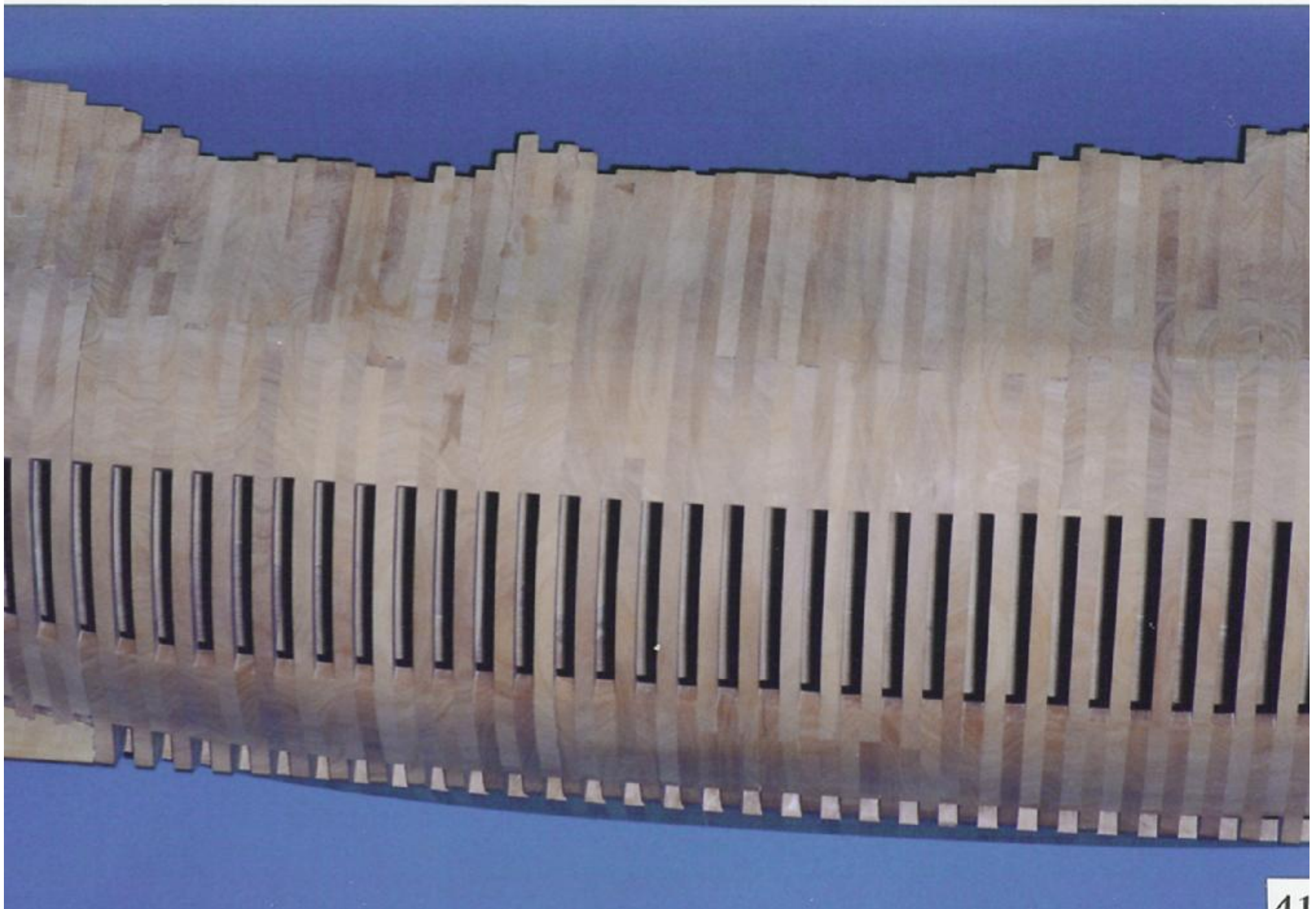
38





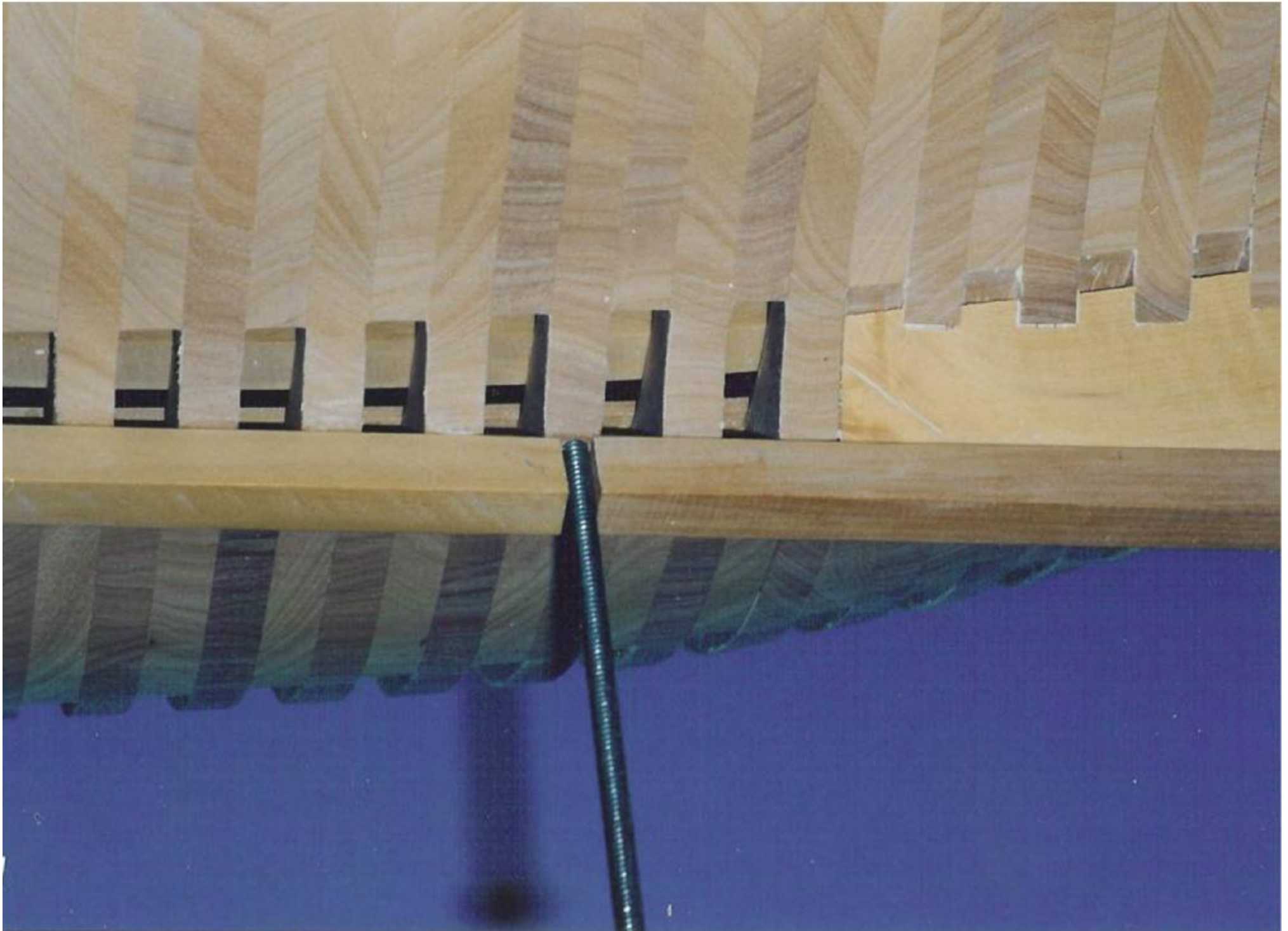


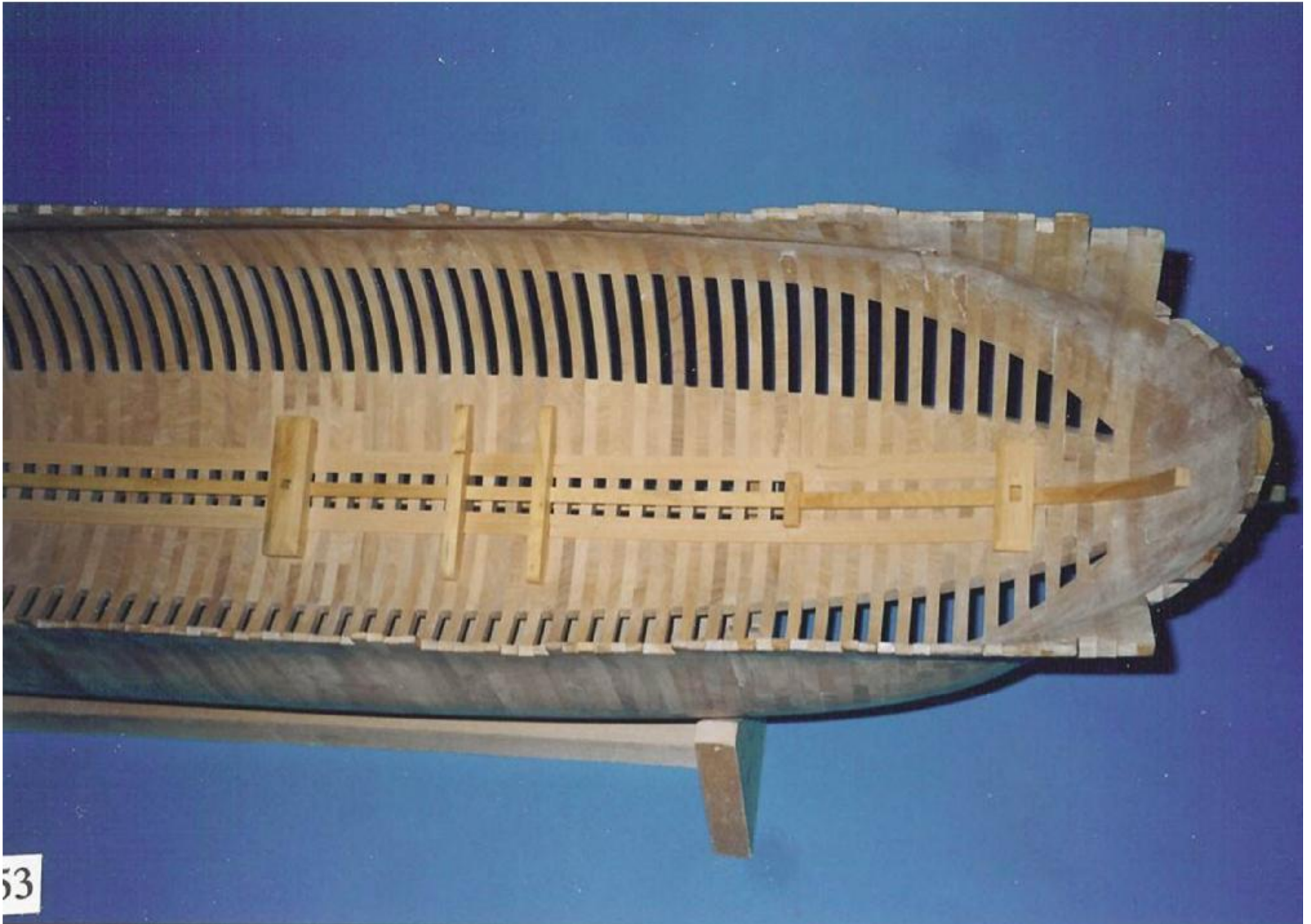






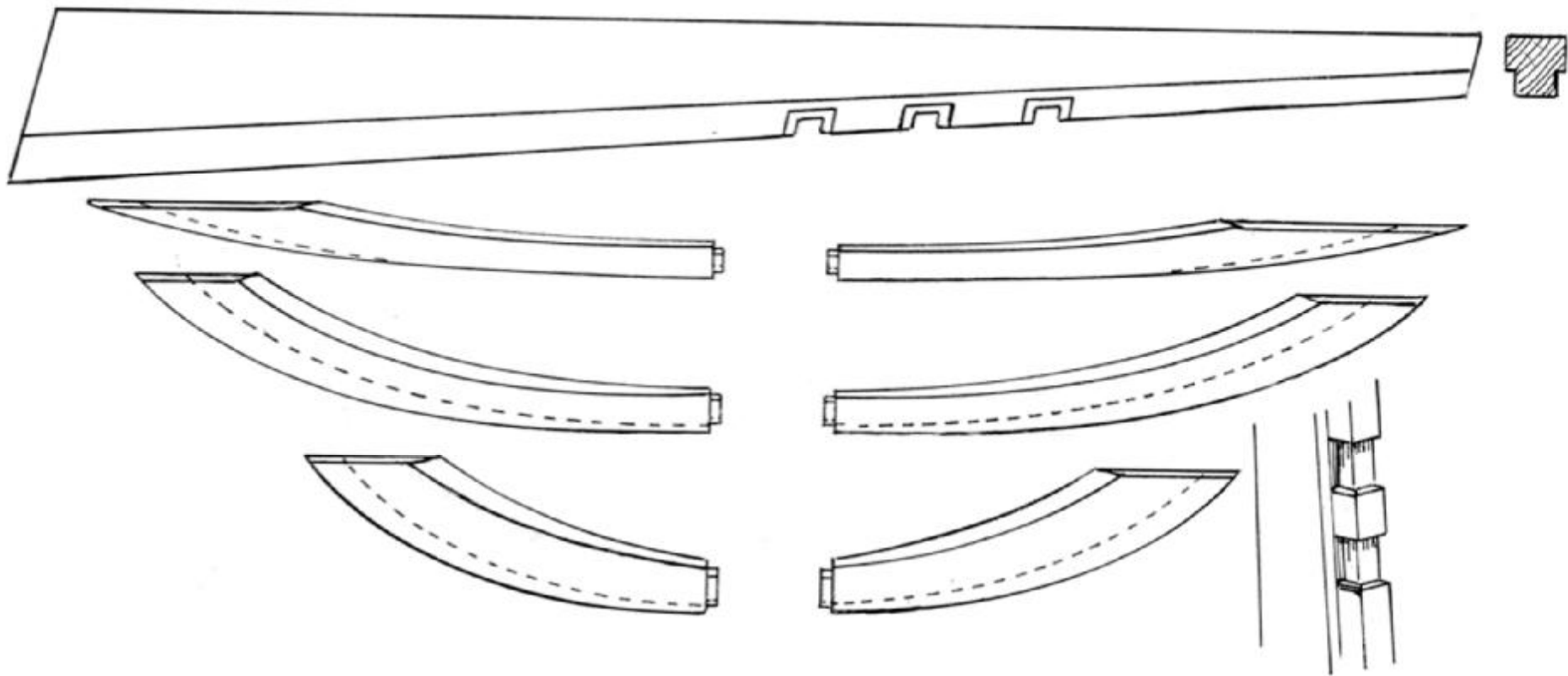




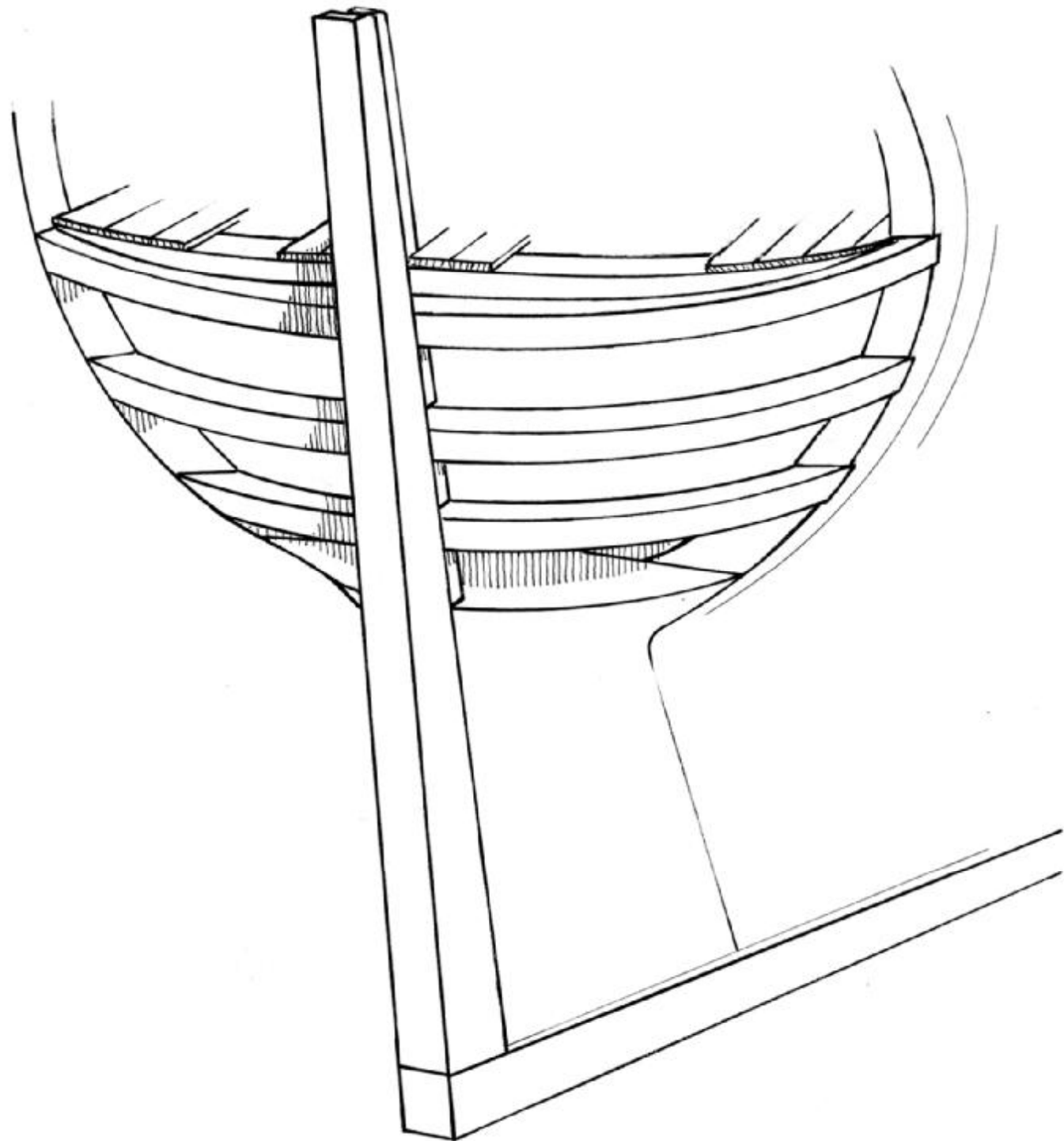


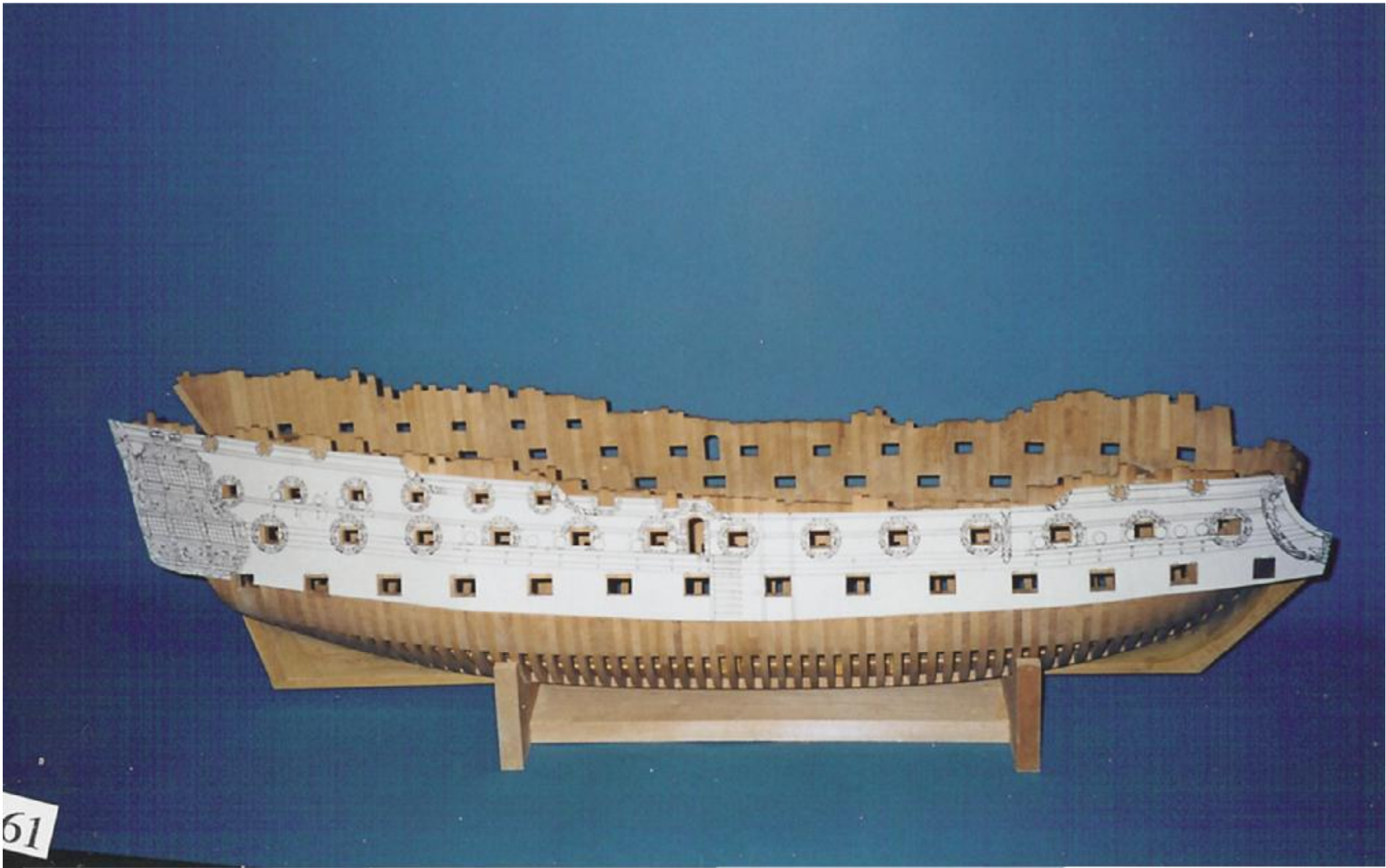






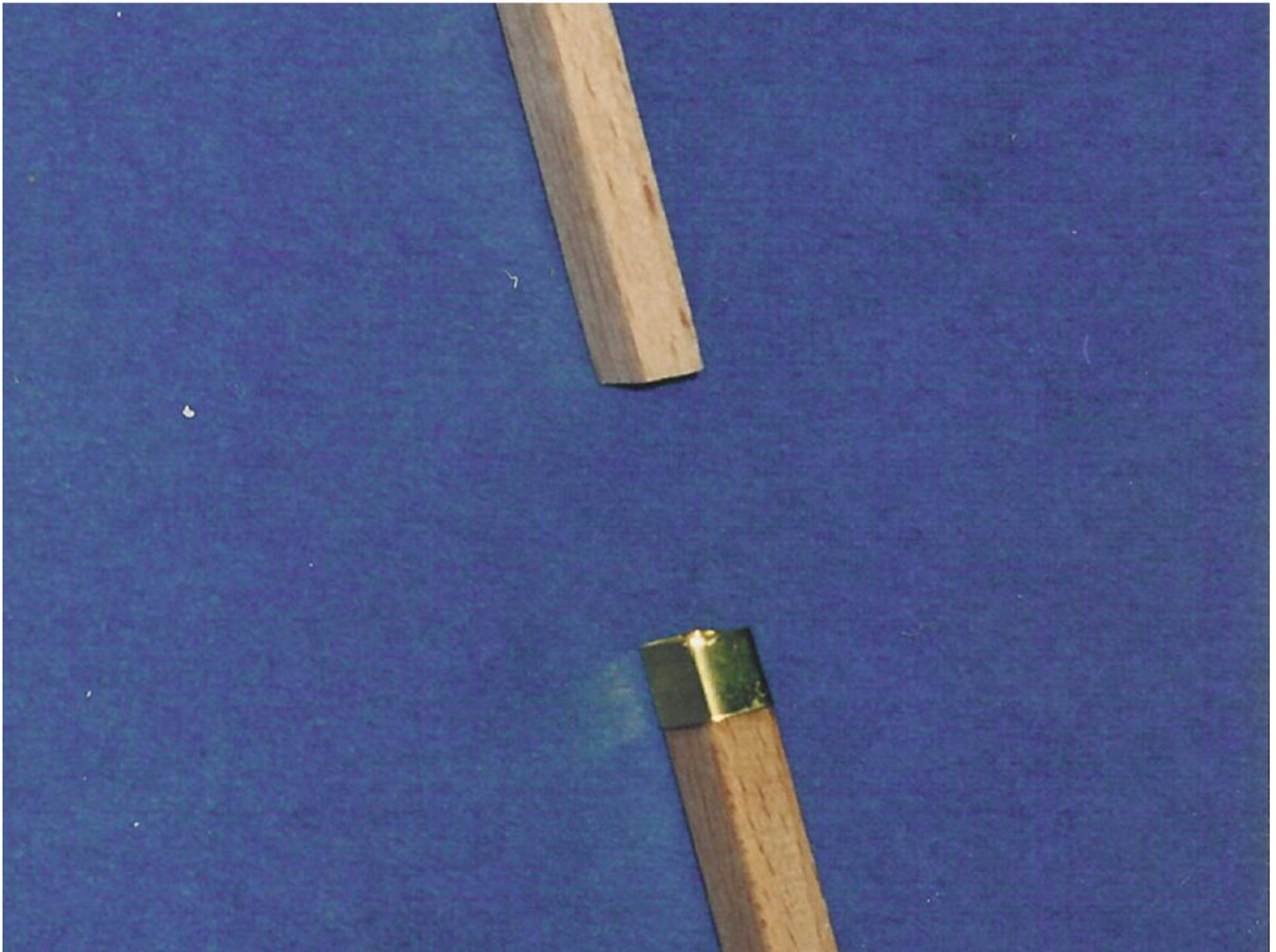






61

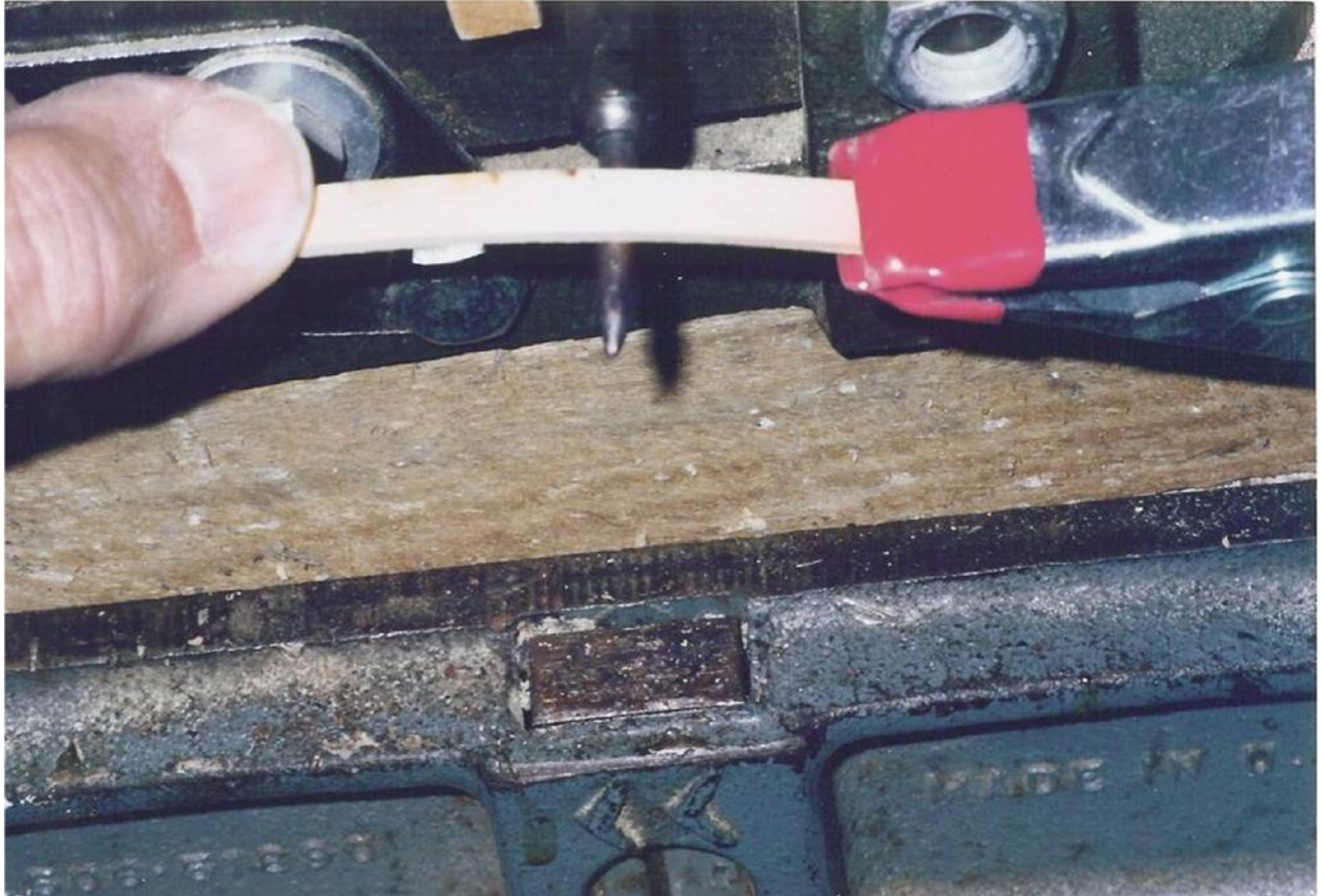














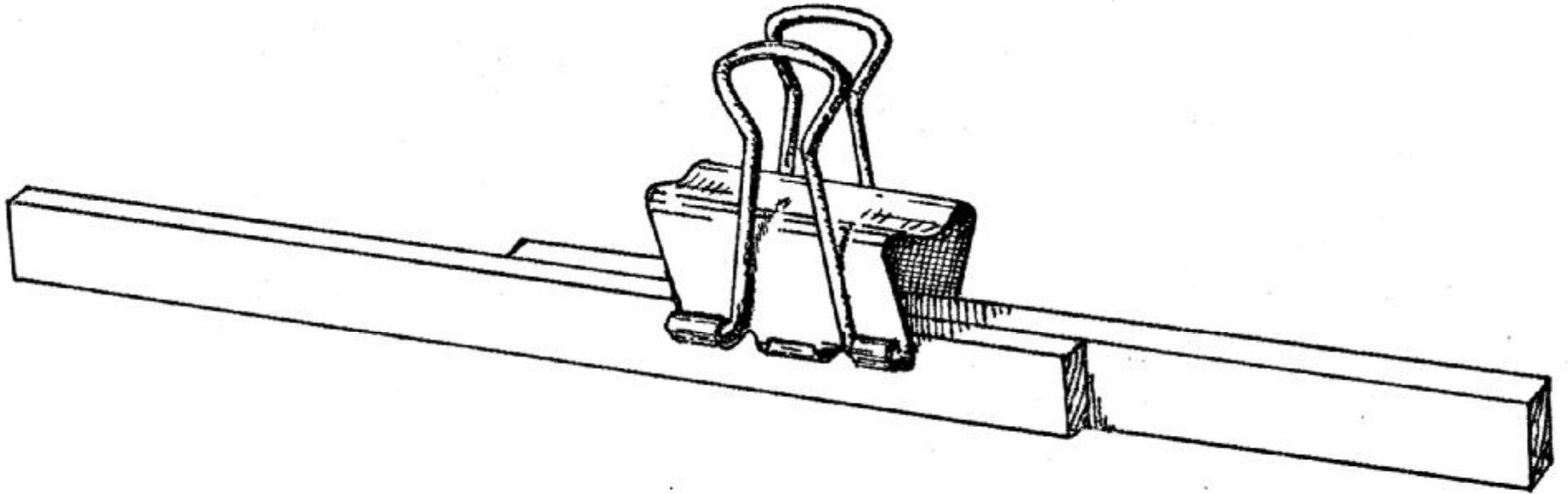








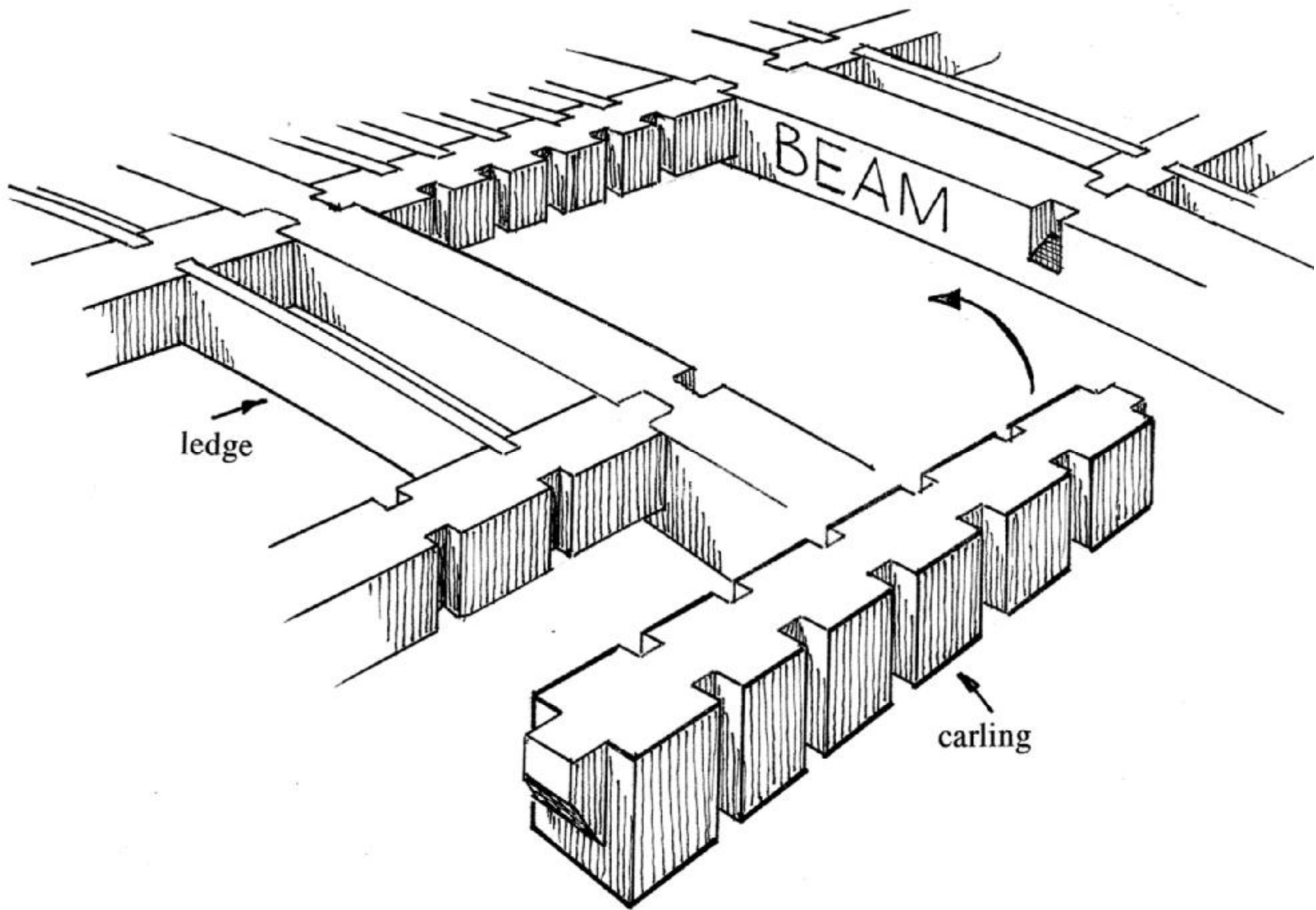






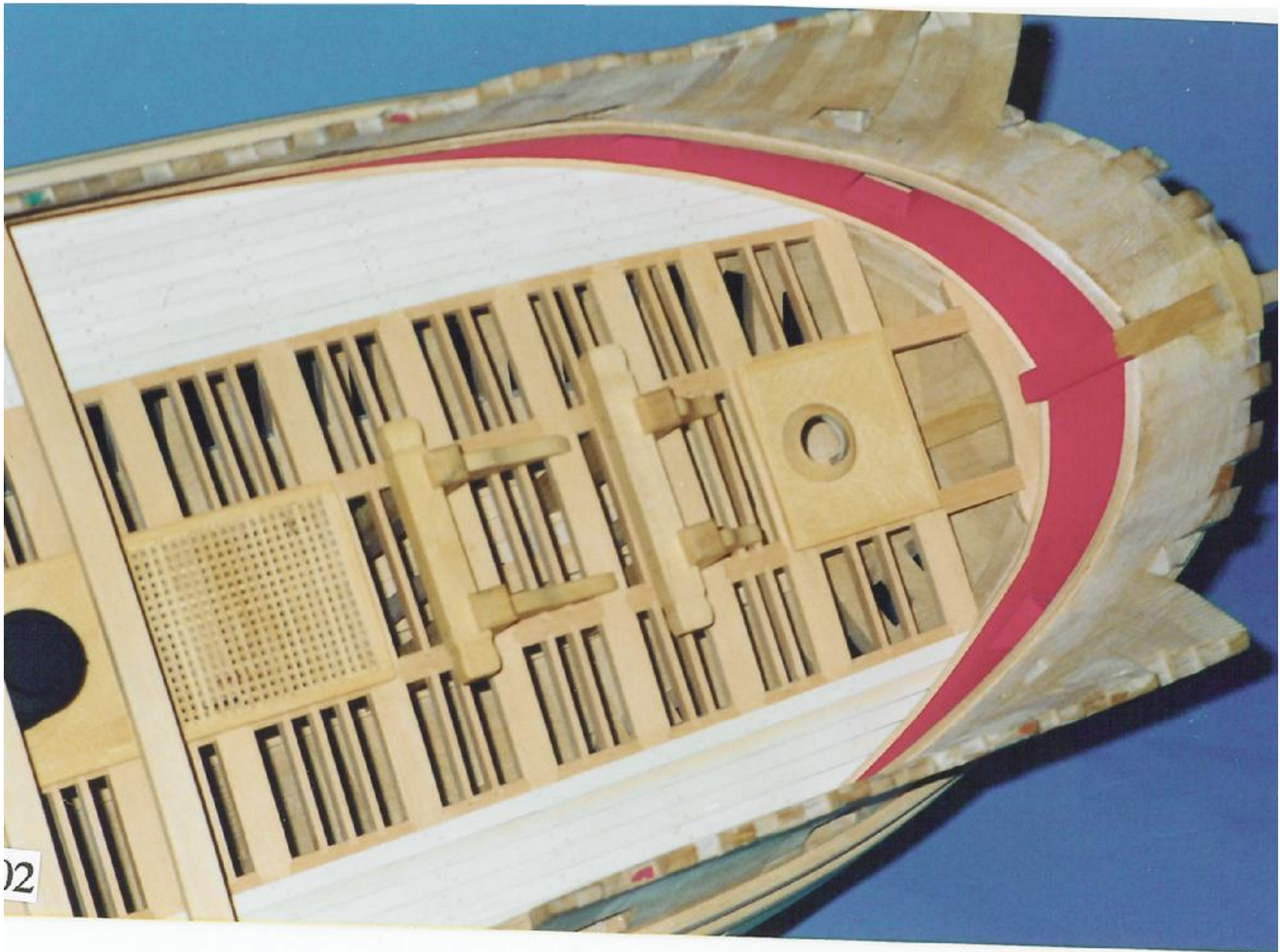
























108



