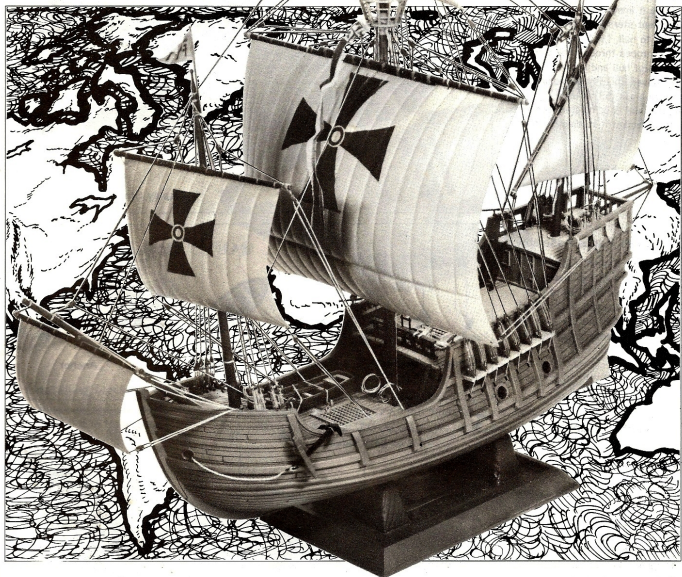


**1/60 SCALE**

# **SANTA MARIA**

**KIT NO. B-352**

**IMAI SAILING SHIP SERIES**



**IMAI KAGAKU CO., LTD.**

6-18-10, KUTUNOYA, SHIZUOKA-SHI, JAPAN  
TELEPHON (0542) 61-4516

## READ THESE INSTRUCTIONS THOROUGHLY BEFORE ASSEMBLING

### (Work carefully)

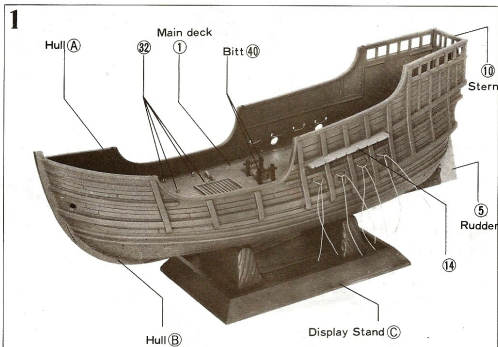
- Check and compare the parts with the parts drawing and be sure to verify the major parts.
- When assembling, first start off by removing the parts from the runner; use nippers or scissors and cut the parts off carefully.
- Do not cut off all of the parts at one time, but only the necessary parts for the specified assembly. Carefully remove the excess portion when the parts are cut off.
- It is important to read the instruction carefully during the

assembly work (thoroughly acquaint your-self up to next the assembly), do the gluing after the trial assembly and clarify when the portion should be painted.

- Mend the small crevices with the putty. Remove the excess dried glue, around the joint, with a file or a knife.
- As mentioned above read the instructions thoroughly, work carefully and assemble the kit with certainty.
- By working with care, your work of art will surely draw the audience, into a world of inspiration.

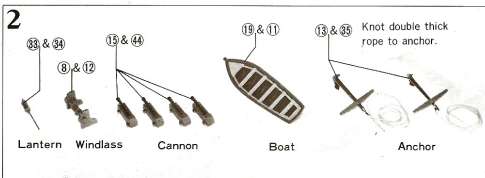
### ⟨Hull Assembly⟩

- Cement bitts (32) (40) to main deck (1).
  - Cement hull (A) (B) and main deck at the same time.
- Note:  
Until hull (A) (B) is thoroughly glued, use clips or the like to make it immovable.
- Cement stern (10) and rudder (5) (14) to hull. ((14) on both sides)
  - ▶ Pass ropes through holes on both sides of hull and knot it. However, this is not required when block (53) is used.
  - After hull is completely cemented, then cement it to display stand (C).



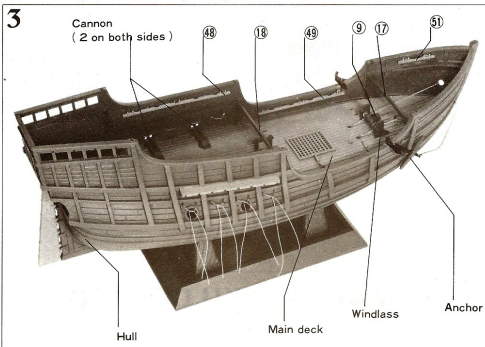
### ⟨Small Parts Assembly⟩

- Lantern: Cement (33) and (34) and then insert shaft.
- Windlass: Cement (8) to (12).
- Cannon: Cement (44) to (15).
- Boat: Cement (11) to (19).
- Anchor: Cement (13) to (35).



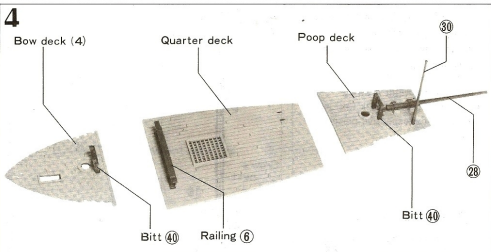
### ⟨Anchor, Cannon Installation⟩

- Cement windlass, (9) and cannon to main deck.
  - On the left side of hull, cement bitts (48) (49) and (51), on the right side (47) (50) and (52).
- Note:  
Cement bitts firmly.
- Cement (17) (18) to hull.
  - Pass rope, for anchor, through holes on bow and wind it one or two time on windlass. Then pass it through hole on main deck. Fasten anchor rope to bitts (49) (50).



### (Small Parts Installation)

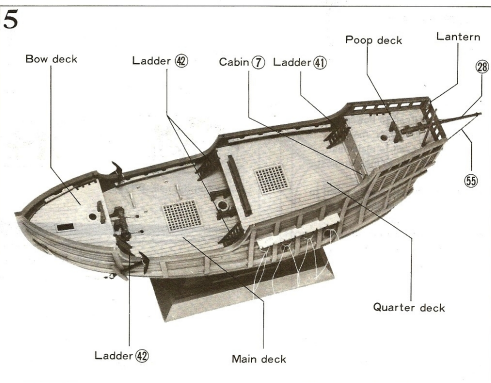
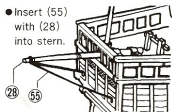
- Cement parts to respective places on deck.



### (Deck Installation)

- Cement bow deck and quarter deck to hull.
- After cabin (7) is cemented to quarter deck and hull, then cement poop deck.
- Install lantern to poop deck.
- Cement ladder (41) to quarter deck and poop deck.
- Cement ladders (42) to main deck and bow deck.

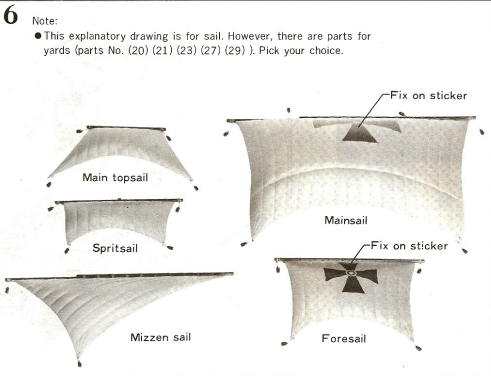
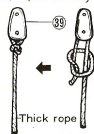
- Insert (55) with (28) into stern.



### (Installing block to yard)

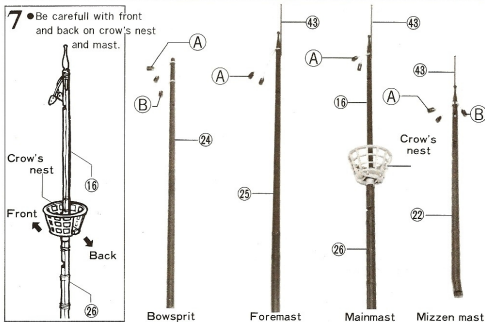
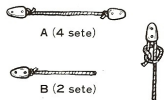
- Tie thick rope to block (39), then install it to respective yards and sails.
- \* For parts No. (20) (21) (23) (27) (29) for yard, install block (39) in the same manner.

20 pcs. (11 pcs. for only yards)



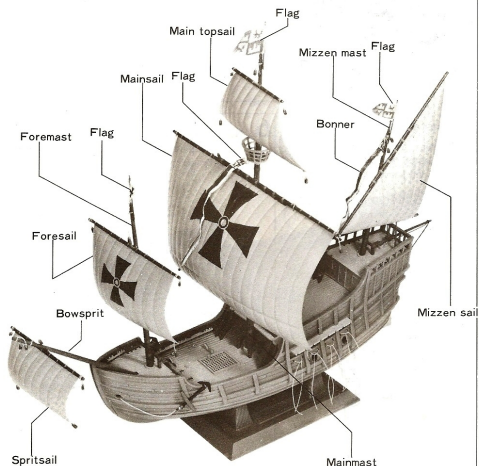
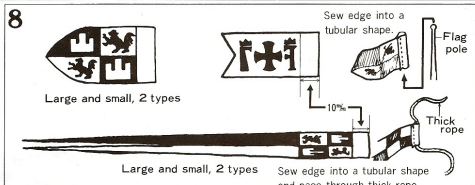
### ⟨Installing block to mast⟩

- Cement (16) (22) (25) to (43).
  - Insert crow's nest (31) through main mast (26).
- Note:  
Refer to the right drawing
- Tie thick rope to block (39) and install it to respective places on mast.



### ⟨Installing mast⟩

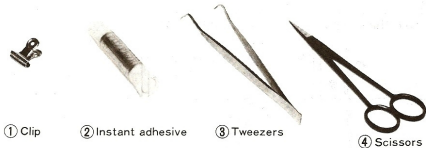
- Cement spritsail to bowsprit, foresail to foremast, mainsail and main topsail to mainmast, and mizzen sail to mizzen mast.
- Note:
- Until sails are thoroughly glued to mast, use clips or the like to make it immovable.
  - Cut out flags and install them as shown on the drawing.



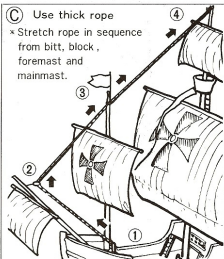
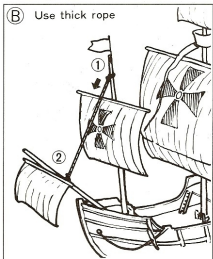
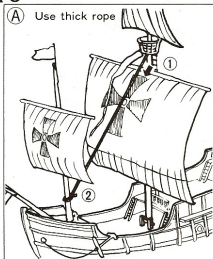
**<Tools for Rope Tension>**

- These tools are required for rope tension on sailing ships.
- Clips are used to hold rope temporarily.
- Be very sure to put instant adhesive on rope's knotted portion.

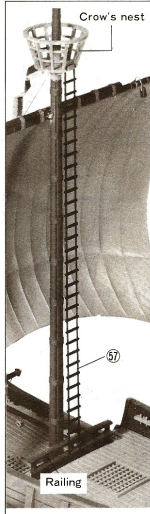
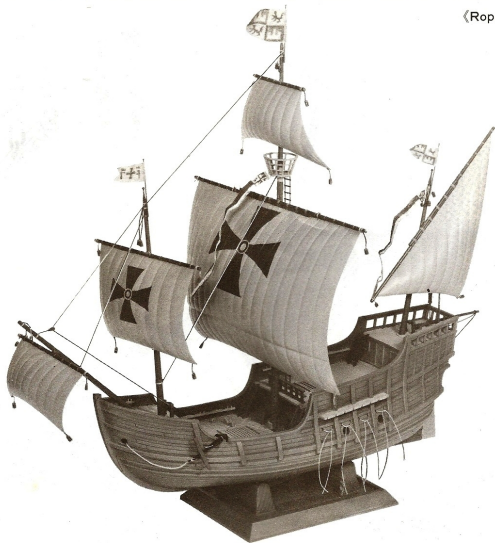
**9**



**10** × After (57) is fitted to crow's nest and to railing, then stretch rope.

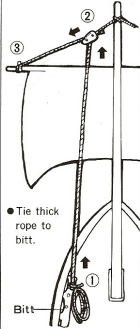


**<Rope Ladder (57) Installation>**



# 11

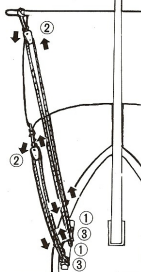
《Use thick rope》



● Tie thick rope to bitt.

《Use thick rope》

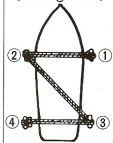
● Rope is stretched, for both yard and sail in the same manner.



● When yard (20) is used, pass it through (56) and then cement it to bowsprit.



《Fitting Boat》

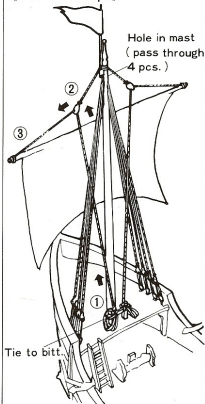


● Use folded rope.

● Place oar on top of boat.

# 12

《Use thick rope》

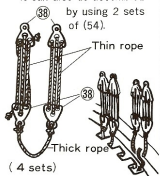


Hole in mast  
(pass through  
4 pcs.)

Tie to bitt.

《Use thick and thin ropes》

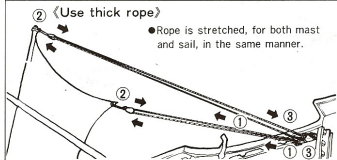
● Make 4 sets, as shown below, and install to deck. It can also be assembled by using 2 sets of (54).



Thick rope  
(4 sets)

《Use thick rope》

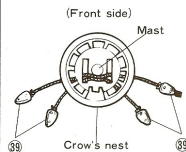
● Rope is stretched, for both mast and sail, in the same manner.



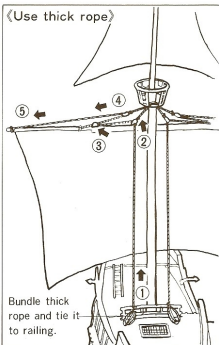
# 13

**(Use thick rope)**

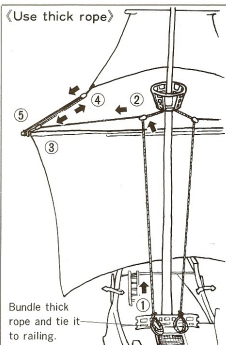
- Pass thick rope through crow's nest and tie it to block (39).



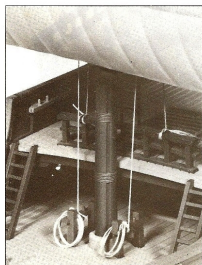
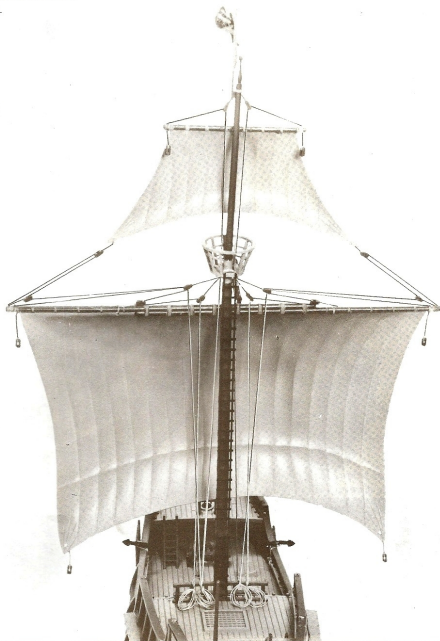
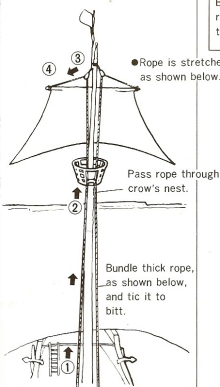
**(Use thick rope)**



**(Use thick rope)**



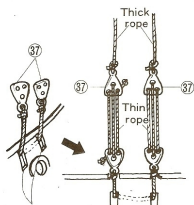
**(Use thick rope)**



# 14

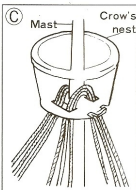
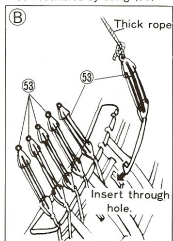
- Tie rope, which is temporary fixed to hull, to bitt. Thin rope is stretched as shown on drawing (A). It is also stretched by using block (53). Refer to drawing (B).

- (A) ● Use thin ropes for blocks (37) and (37).



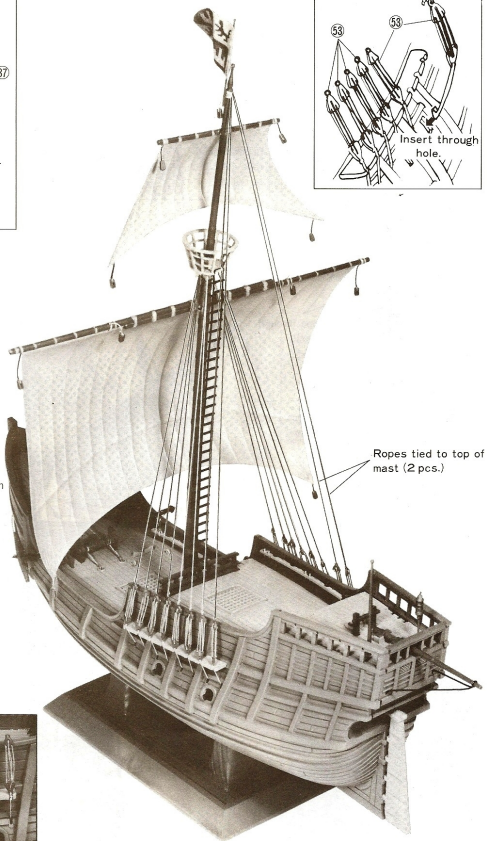
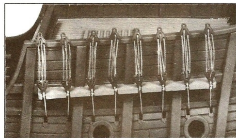
Thick rope which is temporary fixed to hull.

- (B) ● In place of drawing (A), it can be assembled by using (53).

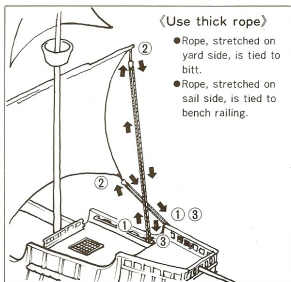
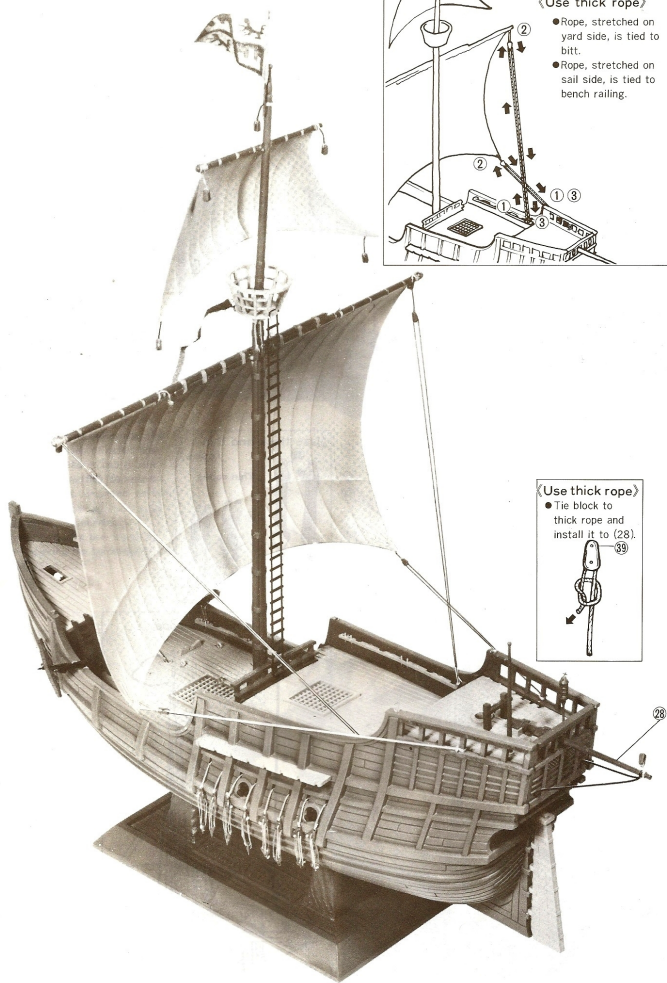


- Of 8 pcs., 6 pcs. is passed through crow's nest with 3 pcs. each through front and back. The other 2 pcs. is tied on top of mast.

First, as shown below, install blocks (37). (Refer to drawing (A))







《Use thick rope》

- Tie block to thick rope and install it to (28).

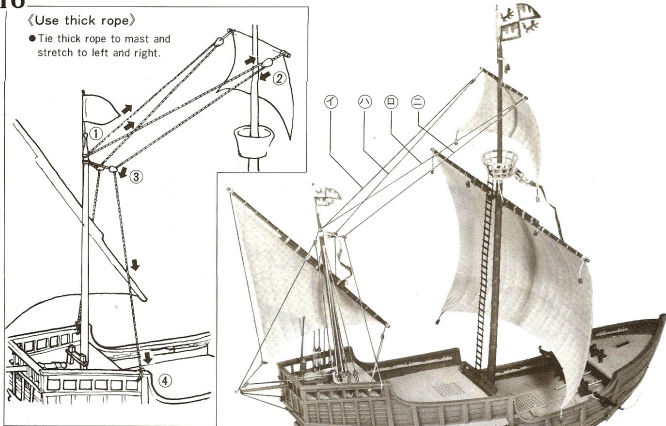


(28)

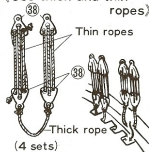
16

<Use thick rope>

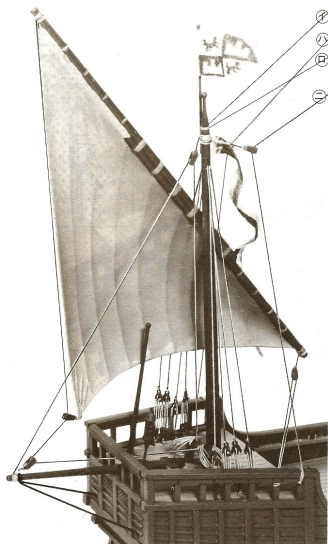
- Tie thick rope to mast and stretch to left and right.



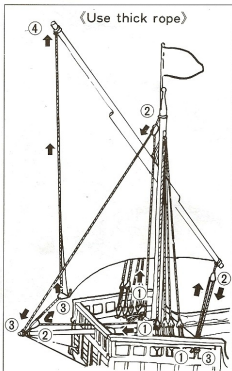
<Use thick and thin ropes>



- As shown below, make 4 sets and install to deck. Also it can be assembled with 2 sets of (54).



<Use thick rope>



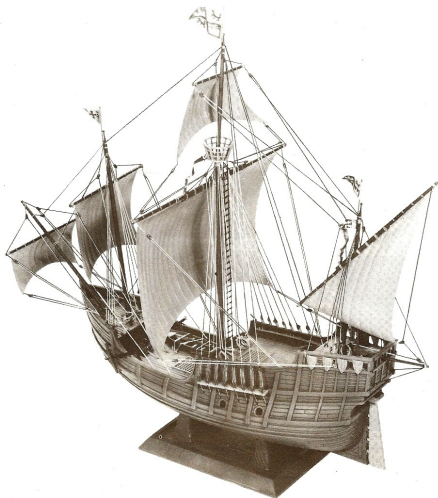
《Completion》

- Cement shields and revolving cannon to position as shown on drawing. ( left and right )
- ✦ We believe your model is finished with excellent workmanship.
- ✦ We would surely like to receive your opinion and impression, and including the photo.

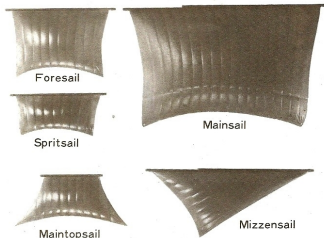
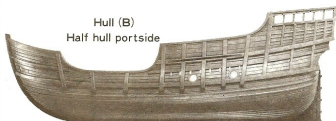
17



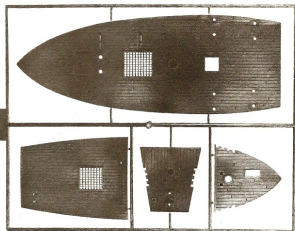
After observing the Santa Maria, which you had completed, we believe that you can appreciate the inspiration of Columbus' discovery of the new world, by overcoming the hardships of that time.



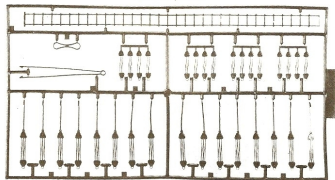
# PARTS CHART



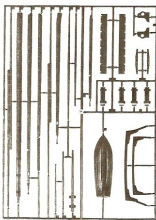
Mold D Parts



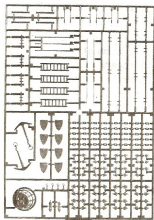
Mold H parts



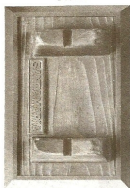
Mold F Parts



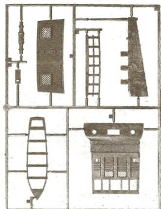
Mold G Parts



Stand



Mold E Parts



- Bonner and Flags
- Decal

— Metal shaft

