|  |  | How Ma Maka Fletboat <br>  <br>  <br>  <br>  <br>  <br>  <br> sary for yon to ferericio grat are <br>  inside the sidepieces. Have the side- pieces resting on their top or straight sides. When these four pieces that form the skeleton of the hoat are in place the endpieces should project one copper, "wire" or wrought-iron nails. tom boards onto the sidepieces (see figure 2). These bottom boards must inches long and 1 inch thick. Six of the boards should be 10 inches wide, $\qquad$ ment of 11 feet 9 inches in length by 3 feet in width. Next secure two <br> $+$ <br> G A HOMEMADE FLATBOAT. <br> bottom, directly under the sidepieces (see $a-a$, figure 3). A similar (see a-a, figure 3). A similar piece, but 1 inch in thickness and 8 inches of the inside bottom of the boat (see c, figure 4). These serve to brace the c, figure 4). These serve to brace the boat and make the bottom secure, as well as to act as guards on the outside bottom. The seat, or seats, may be placed to suit your convenience, excepting that one should be placed far enough to one side of the centre to make it useful for rowing purposes (see $f_{1}$ figure 4). Each seat should be 3 feel long, 10 inches wide and 1 inch thich and be placed 14 inches above the bottom of the boat. The seats shonld bottom of the boat. The seats should rest on brackets or 2 -inch planking, which may be fastened to the side- pieces of the boat. The oarlocks may be simply hand-made rests (see $d$, figure 4) or the patent metal ones usu- ally found in boats of more pretentious pattern. Each end of the boat should be covered with a platform of greater or less width (see b, fig- ure 4), according to the taste of the maker. maker. Many flatboats have all the sloping portion covered, and a piece of planking 10 inches wide separating this covered part from the rest of the inside of the boat, thus making a fishbox. One end of the boat may be fixed up that way and the other end arranged for the accommodation of a sail mast. To do this simply cut a hole the size of the form, and directly under that hole and of 2 -inch planking supplied with a similar hole. A straight basswed maple sapling may serve as a mastand hesvy canvas, stretohed on two arms (see figure 5), will do for a sail. If you wish <br>  |  |  |  |
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