

# ROPE MAKER

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## ECHO APPROPRIATE TECHNOLOGY NOTE

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### INTRODUCTION

This information represents the mechanical aspects only. This assembly will be mounted in a frame which suits your needs and your available materials..



Tie end of cord to tail stock hook.

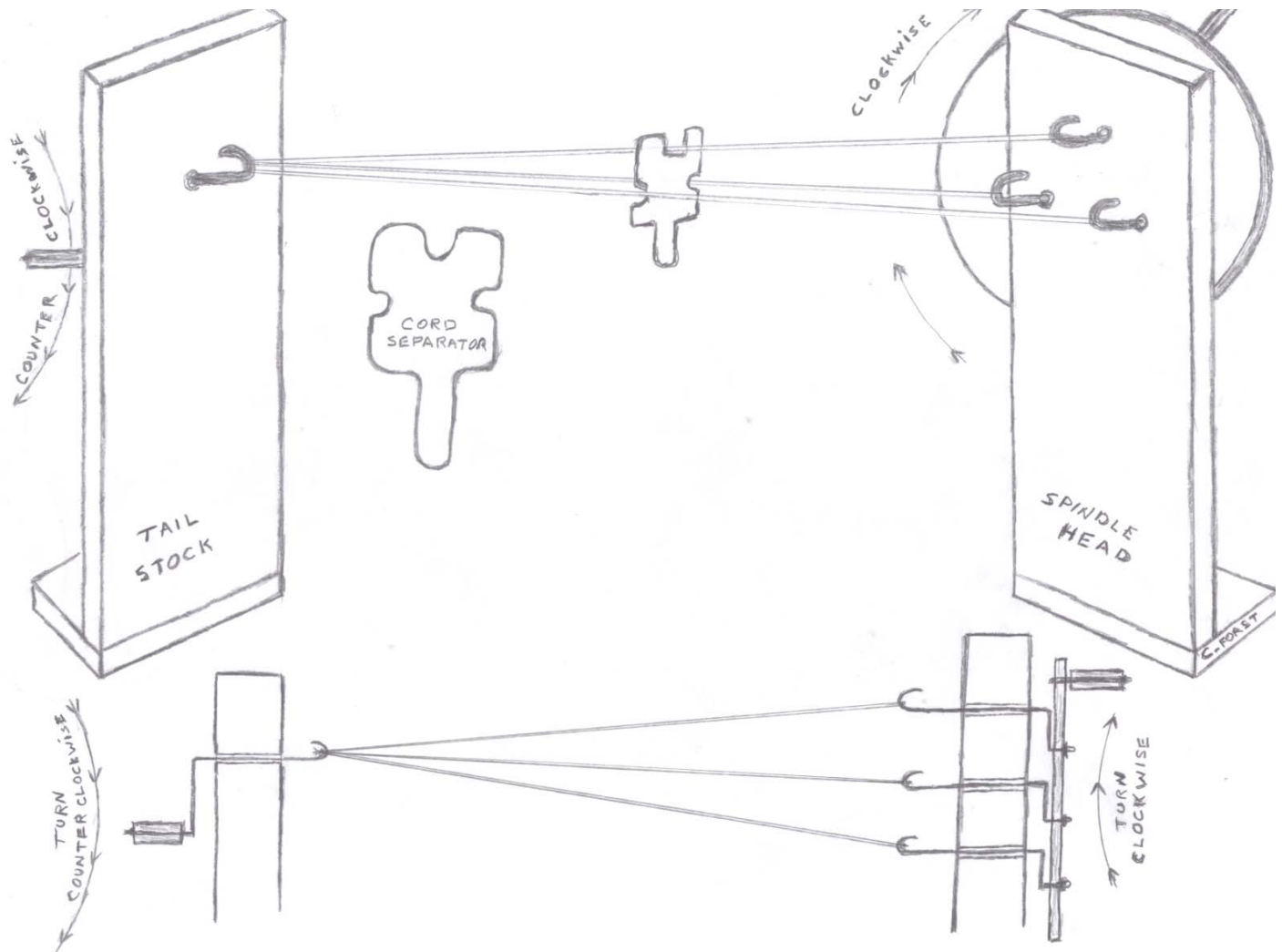
Travel the cord to one hook on the spindle head, looping it over that hook and returning the cord to the tail stock and loop it over the hook.

Now travel the cord to a second hook on the spindle head, looping it over that hook and returning the cord to the tail stock and loop it over the hook.

Now travel the cord to the third hook on the spindle head, looping it over that hook and returning the cord to the tail stock hook.

Cut the cord and tie the cut end to the tailstock hook.

Anchor the tailstock base securely but allow the spindle head to slide towards the tailstock as the spindle hooks are rotated clockwise.



When rotation has tightened the cords and the spindle head begins to slide towards the tailstock, insert the separator near the tailstock hook.

Continue the spindle rotation and the cords begin to lay together.

Move the cord separator towards the spindle head as the cords lay together forming the rope until the cord separator reaches the spindles.

Remove the cord separator and rotate the tailstock hook counter-clockwise to tighten the lay of the rope.

Remove the rope from the tailstock hook, bind or tie this end.

Remove cord strands from spindle hooks, bind or tie these cords.

It is best to perform this practice several times with short lengths of cord to become proficient in the operation of the rope maker.

Two persons should operate the rope maker, one operating the spindles and one moving the cord separator



Operator's side of Tail Stock



Operator's side of Spindle Head



Tail Stock with single hook



Three hook side of Spindle Head