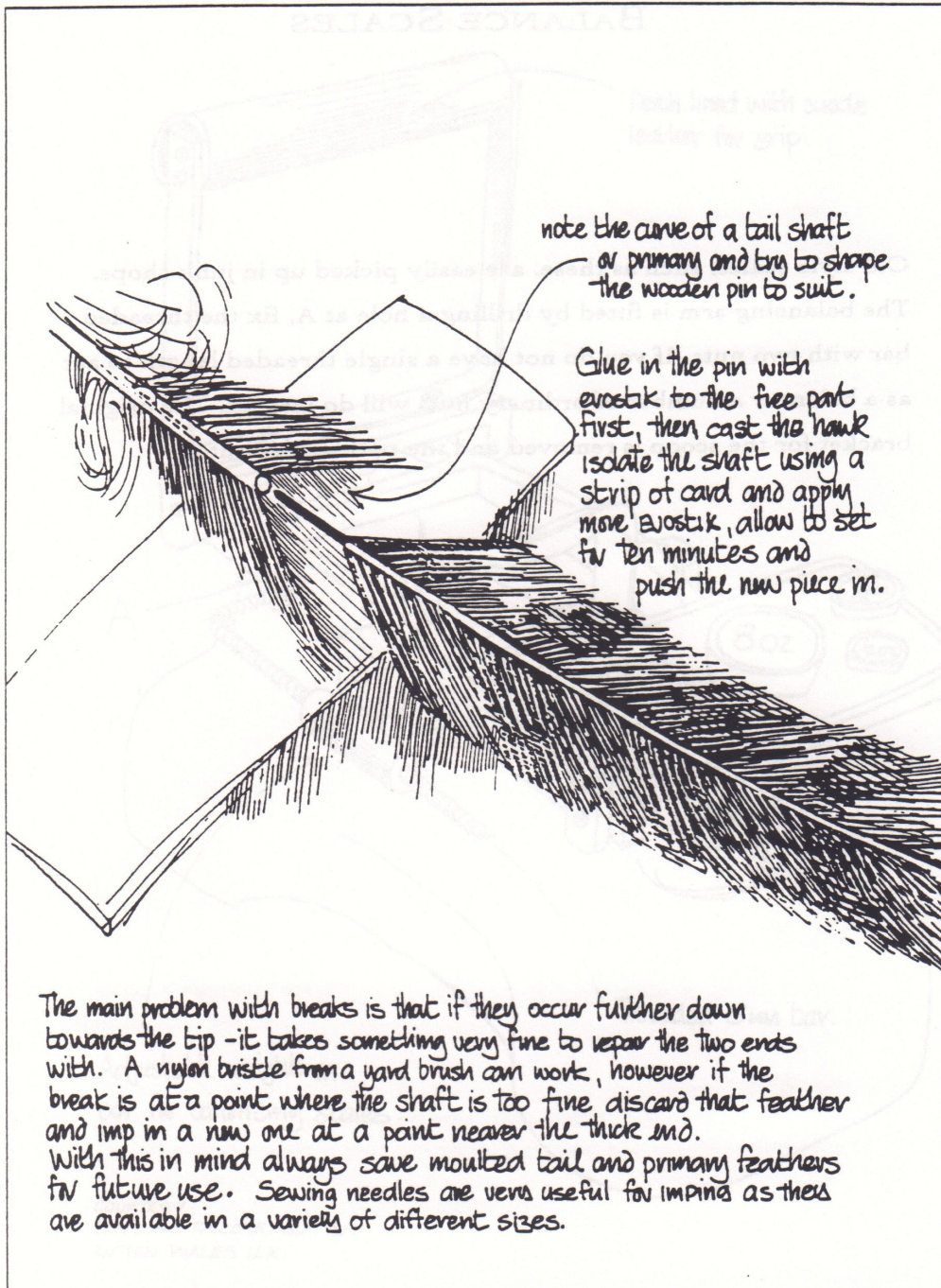


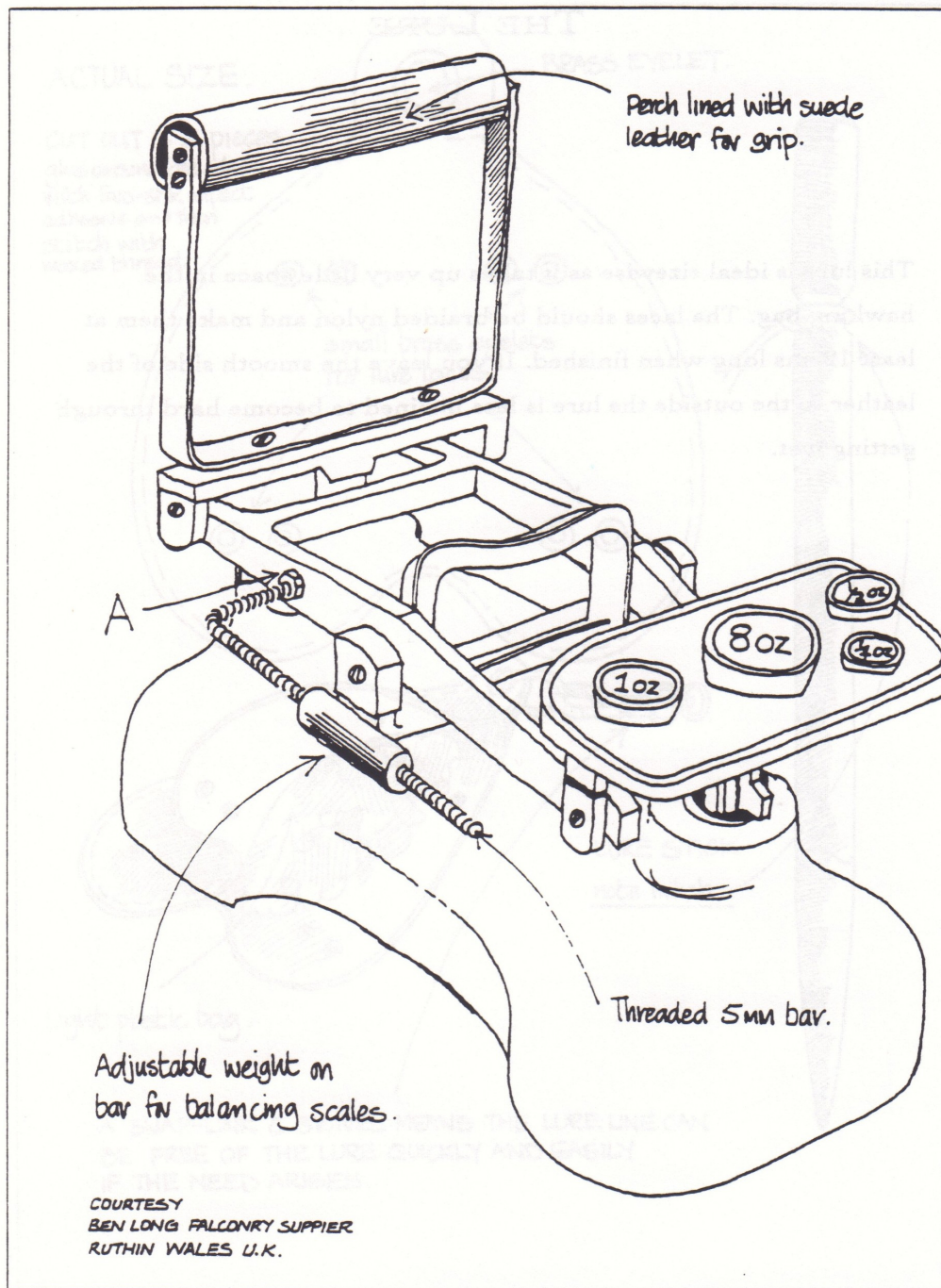
IMPING

If you are imping at the heavier end of the shaft use the cane which is used to support potted plants. This cane slits down vertically very evenly and so can be worked to various thicknesses. If a feather is just bent it can be straightened easily by dipping in hot water or hold it over a jet of steam.



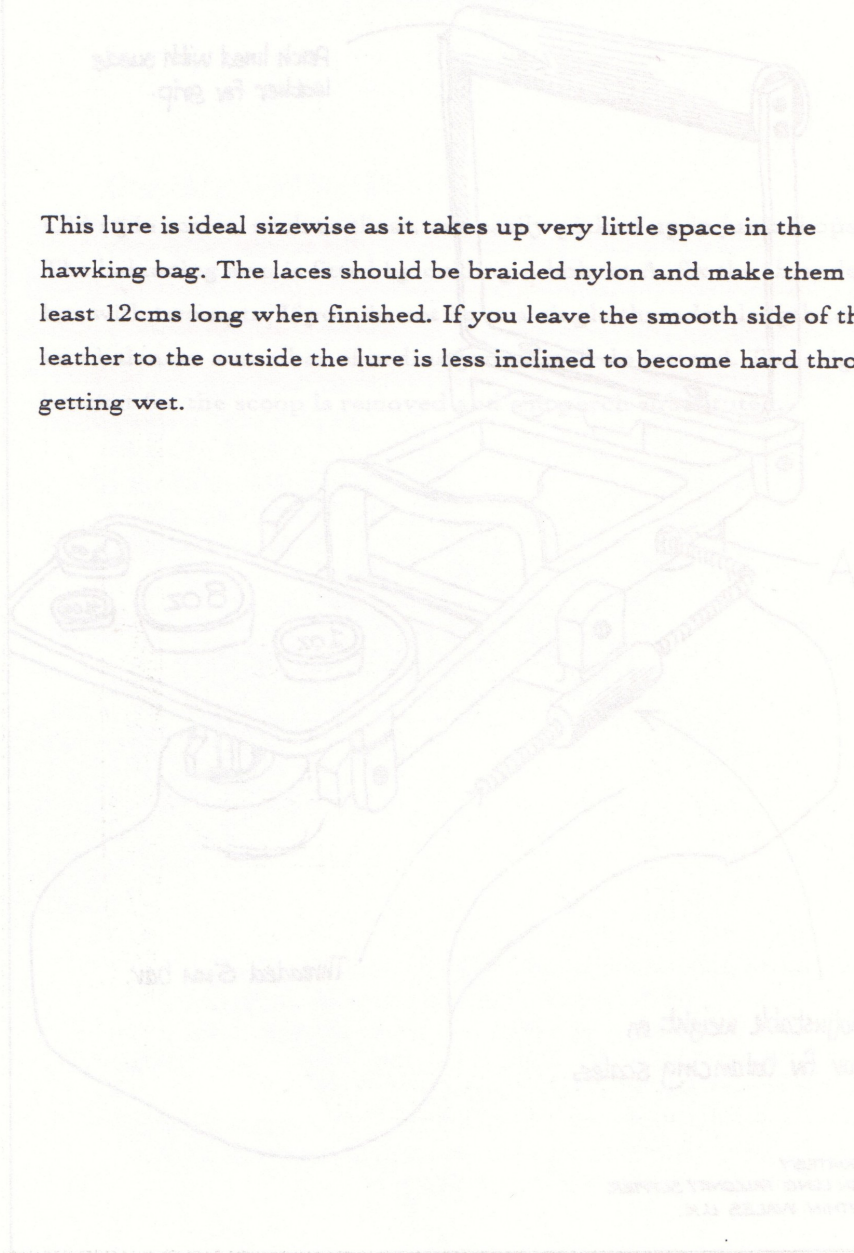
BALANCE SCALES

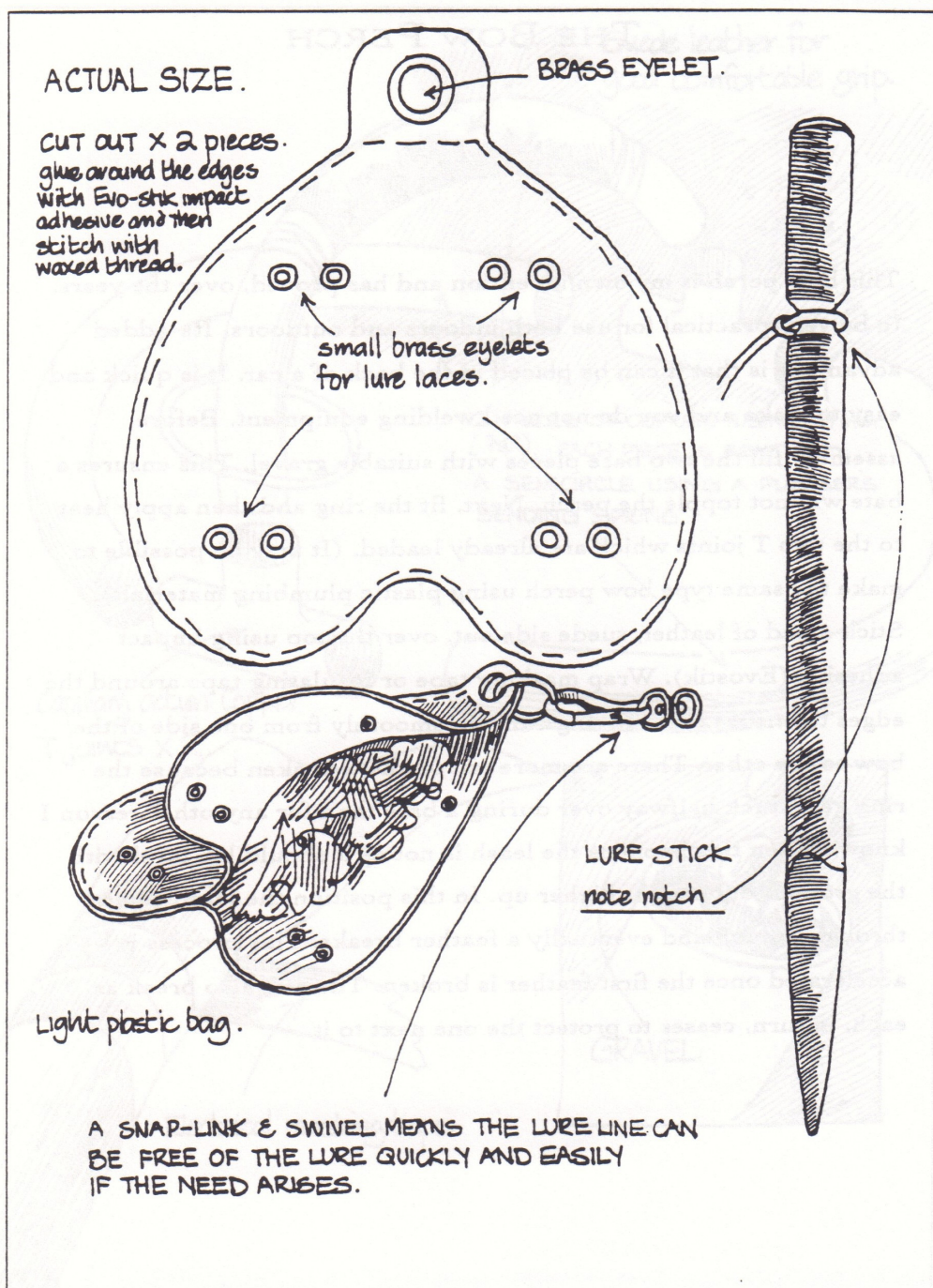
Old style scales, such as these, are easily picked up in junk shops. The balancing arm is fitted by drilling a hole at A, fix the threaded bar with two nuts. If you do not have a single threaded length to act as a balancer a number of ordinary nuts will do instead. The original bracket for the scoop is removed and the perch substituted.



THE LURE

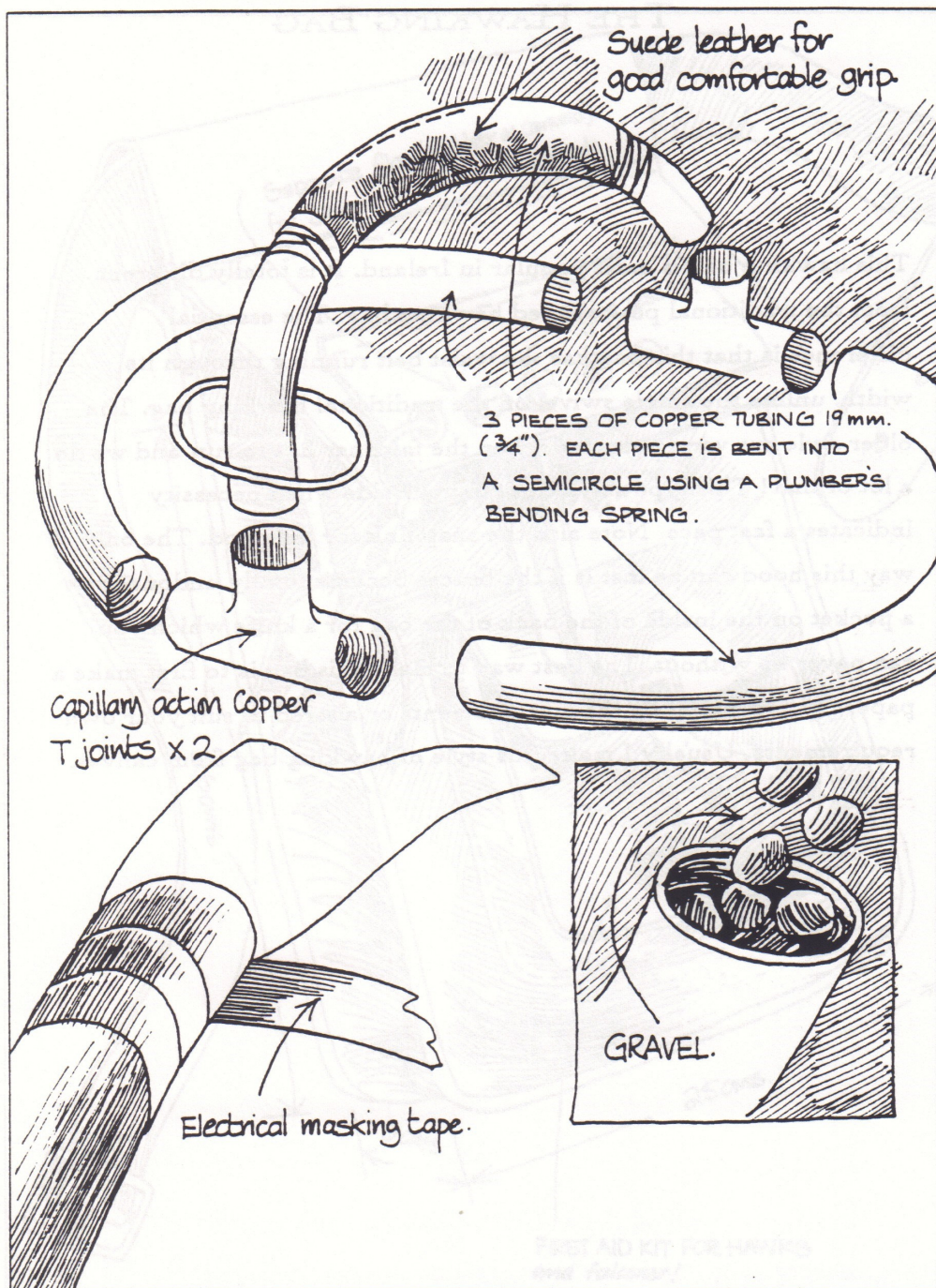
This lure is ideal sizewise as it takes up very little space in the hawking bag. The laces should be braided nylon and make them at least 12cms long when finished. If you leave the smooth side of the leather to the outside the lure is less inclined to become hard through getting wet.





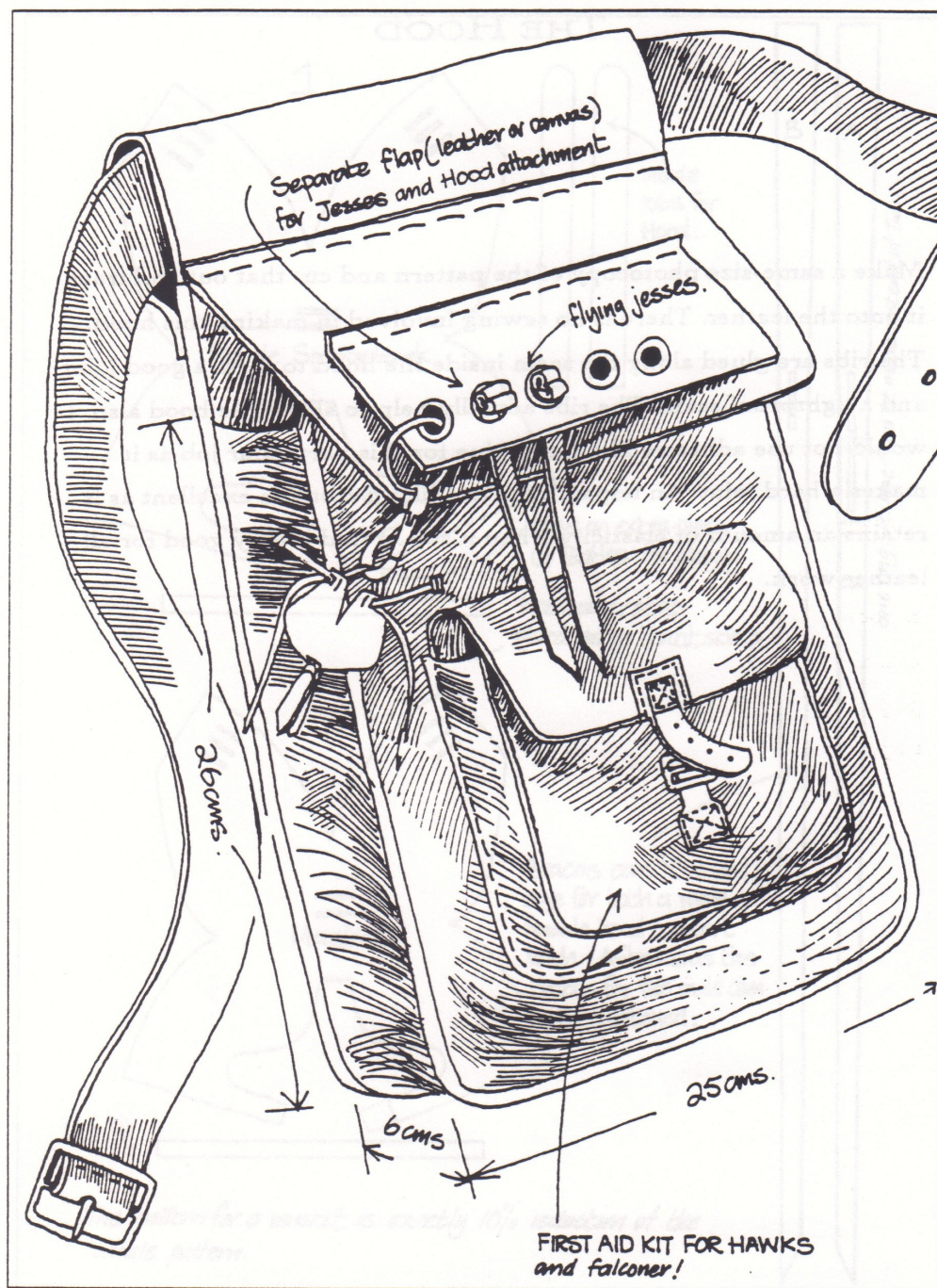
THE BOW PERCH

This bow perch is my own invention and has proved, over the years, to be very practical for use both indoors and outdoors. Its added advantage is that it can be placed in the back of a car. It is quick and easy to make and you do not need welding equipment. Before assembly fill the two base pieces with suitable gravel. This ensures a bate will not topple the perch. Next, fit the ring and then apply heat to the two T joints which are already leaded. (It may be possible to make the same type bow perch using plastic plumbing materials). Stick a pad of leather, suede side out, over the top using impact adhesive (Evostik). Wrap masking tape or insulating tape around the edges to ensure that the ring can run smoothly from one side of the bow to the other. There are more tail feathers broken because the ring gets stuck halfway over during a bate than for any other reason I know. When this happens the leash is not as it should be, level with the ground, but caught higher up. In this position the leash comes through the tail and eventually a feather breaks. This process is accelerated once the first feather is broken. The rest also break as each, in turn, ceases to protect the one next to it.



THE HAWKING BAG

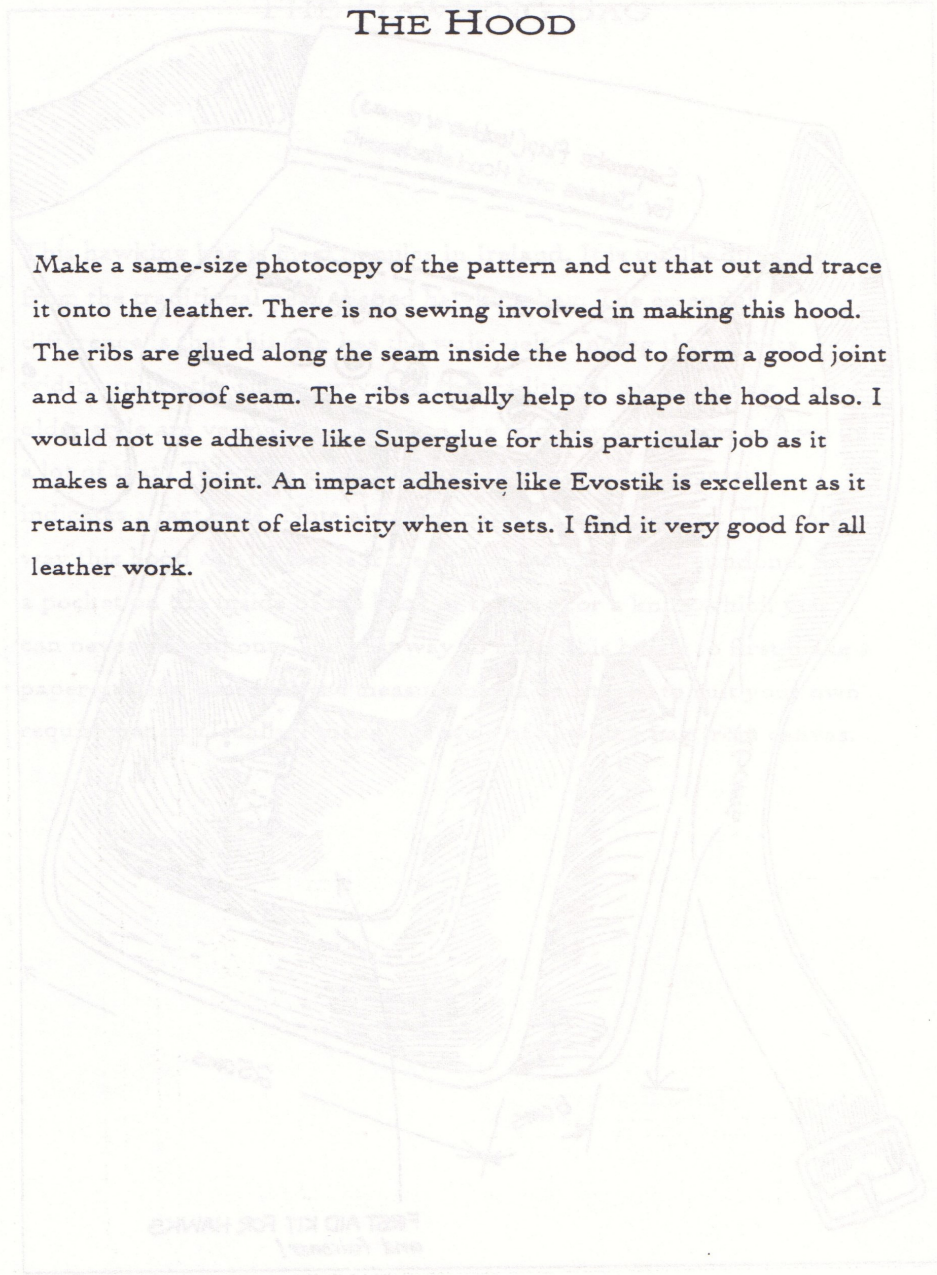
This hawking bag is most popular in Ireland. It is totally different from the traditional pear shaped hawking bag. The essential difference is that this bag has the waist belt running through its width, unlike the single swivel on the traditional hawking bag. The older style are very awkward when the falconer has to run and we do a lot of that! This type stays close to your side when necessity indicates a fast pace. Note also the snap link for the hood. The only way this hood can be lost is if the braces become totally undone. Sew a pocket on the inside of the back of the bag for a knife which you can never be without. The best way to make this bag is to first make a paper pattern based on the measurements or altered to suit your own requirements. Usually I make this style of hawking bag from canvas.



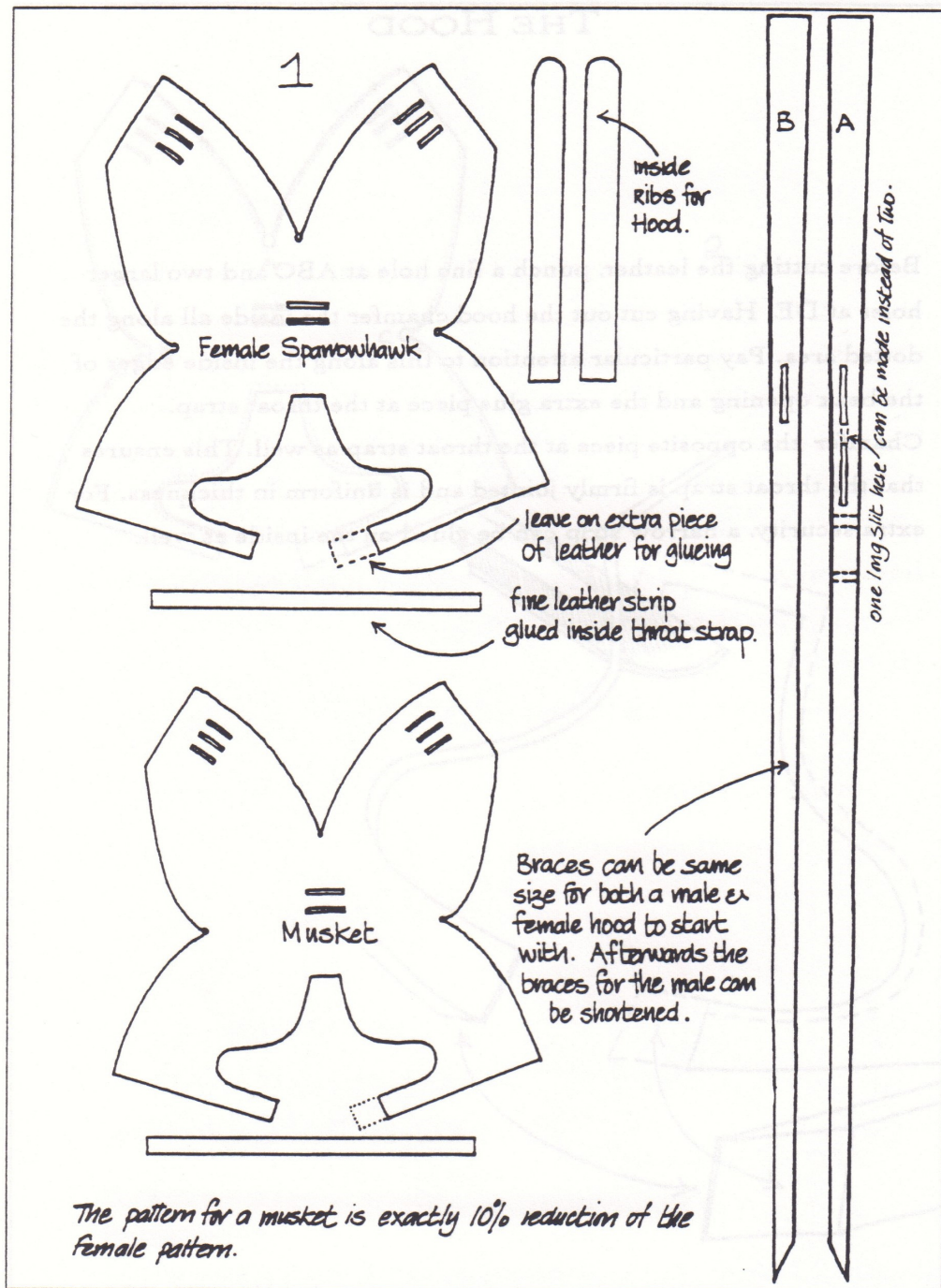
THE HAWKING BAG

THE HOOD

Make a same-size photocopy of the pattern and cut that out and trace it onto the leather. There is no sewing involved in making this hood. The ribs are glued along the seam inside the hood to form a good joint and a lightproof seam. The ribs actually help to shape the hood also. I would not use adhesive like Superglue for this particular job as it makes a hard joint. An impact adhesive like Evostik is excellent as it retains an amount of elasticity when it sets. I find it very good for all leather work.



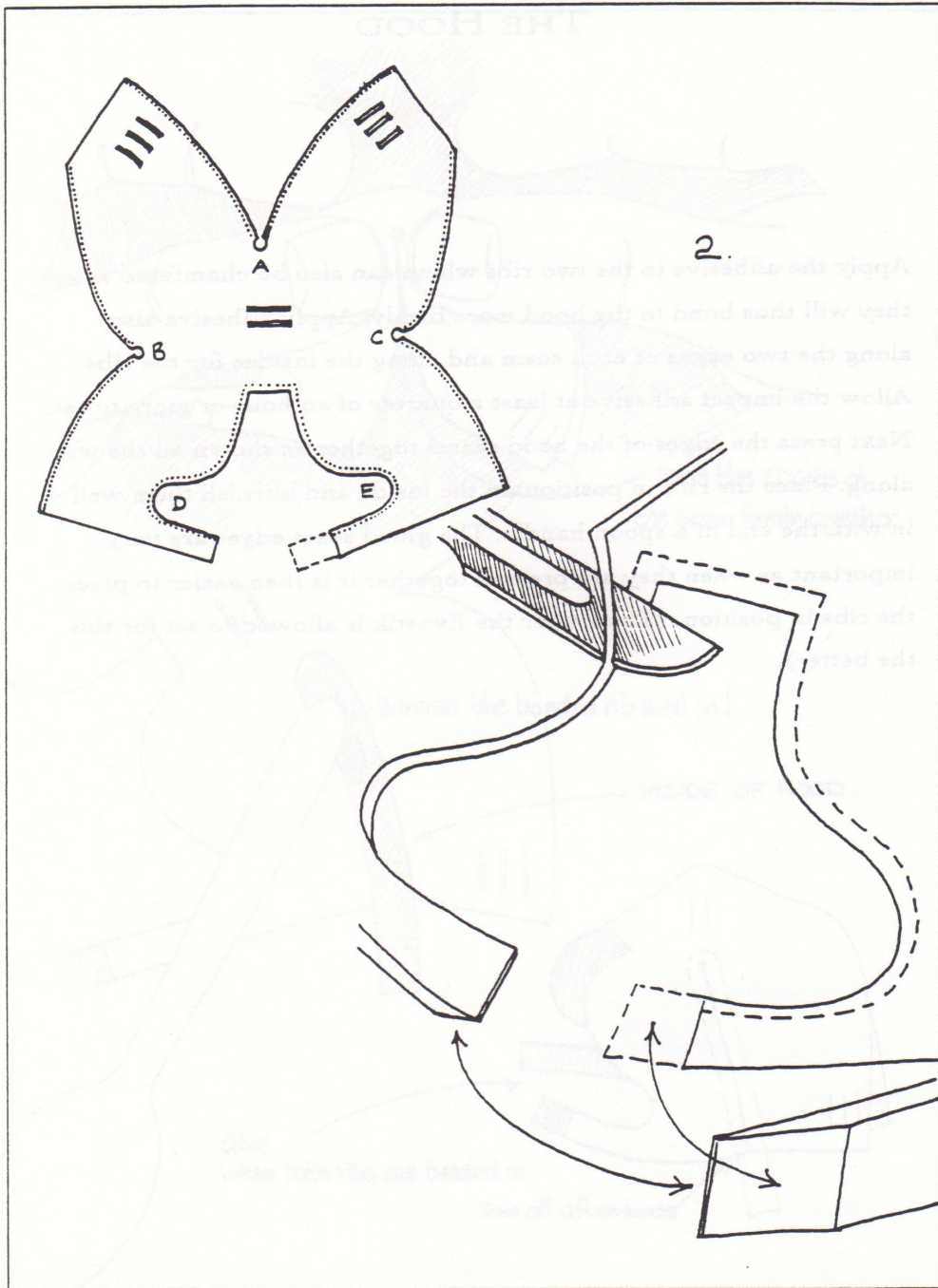
THE HOOD



THE HOOD

Before cutting the leather, punch a fine hole at ABC and two larger holes at DE. Having cut out the hood chamfer the inside all along the dotted area. Pay particular attention to this along the inside edges of the beak opening and the extra glue piece at the throat strap. Chamfer the opposite piece at the throat strap as well. This ensures that the throat strap is firmly jointed and is uniform in thickness. For extra security, a narrow strip can be glued on the inside as well.

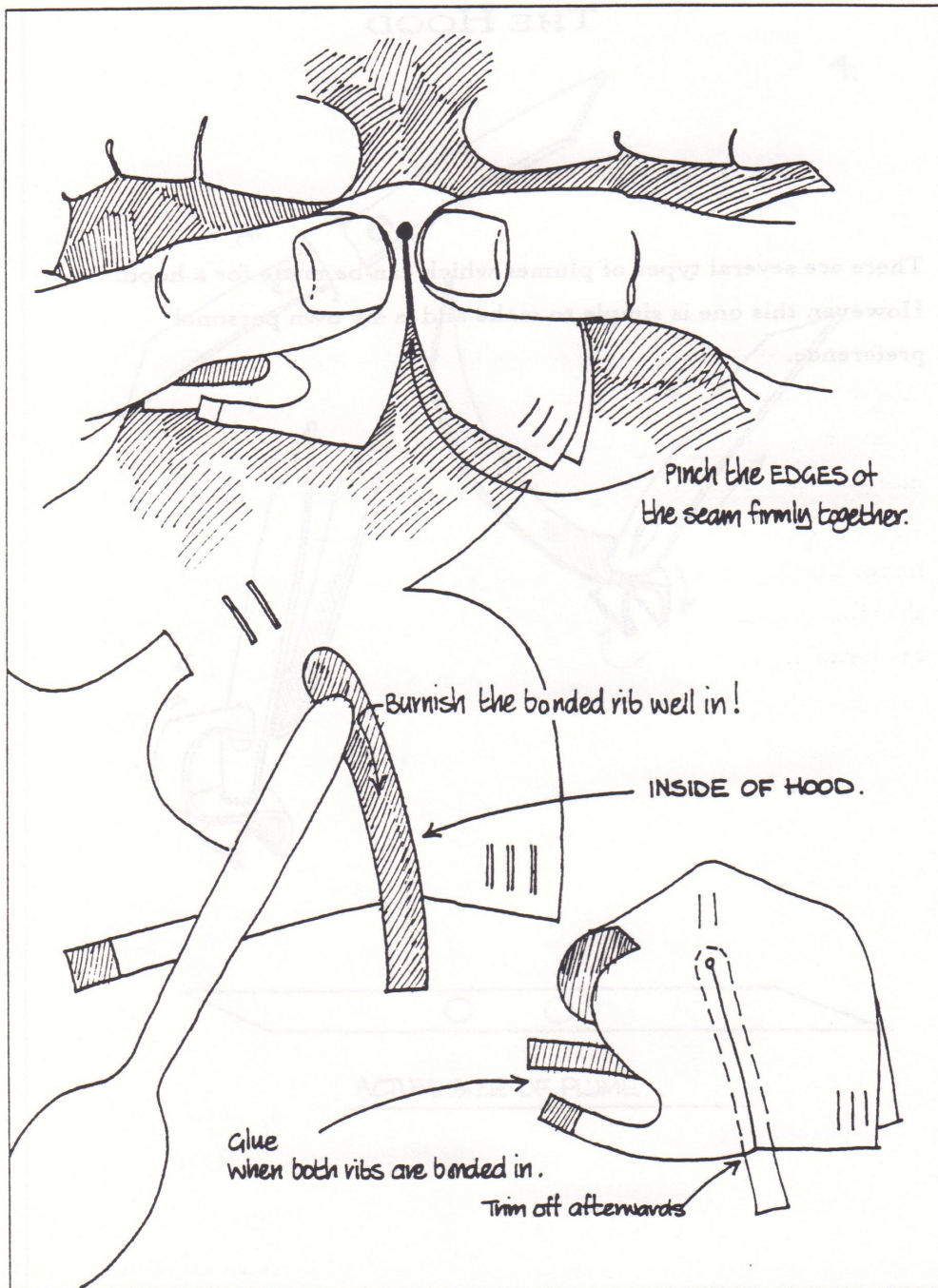
THE HOOD

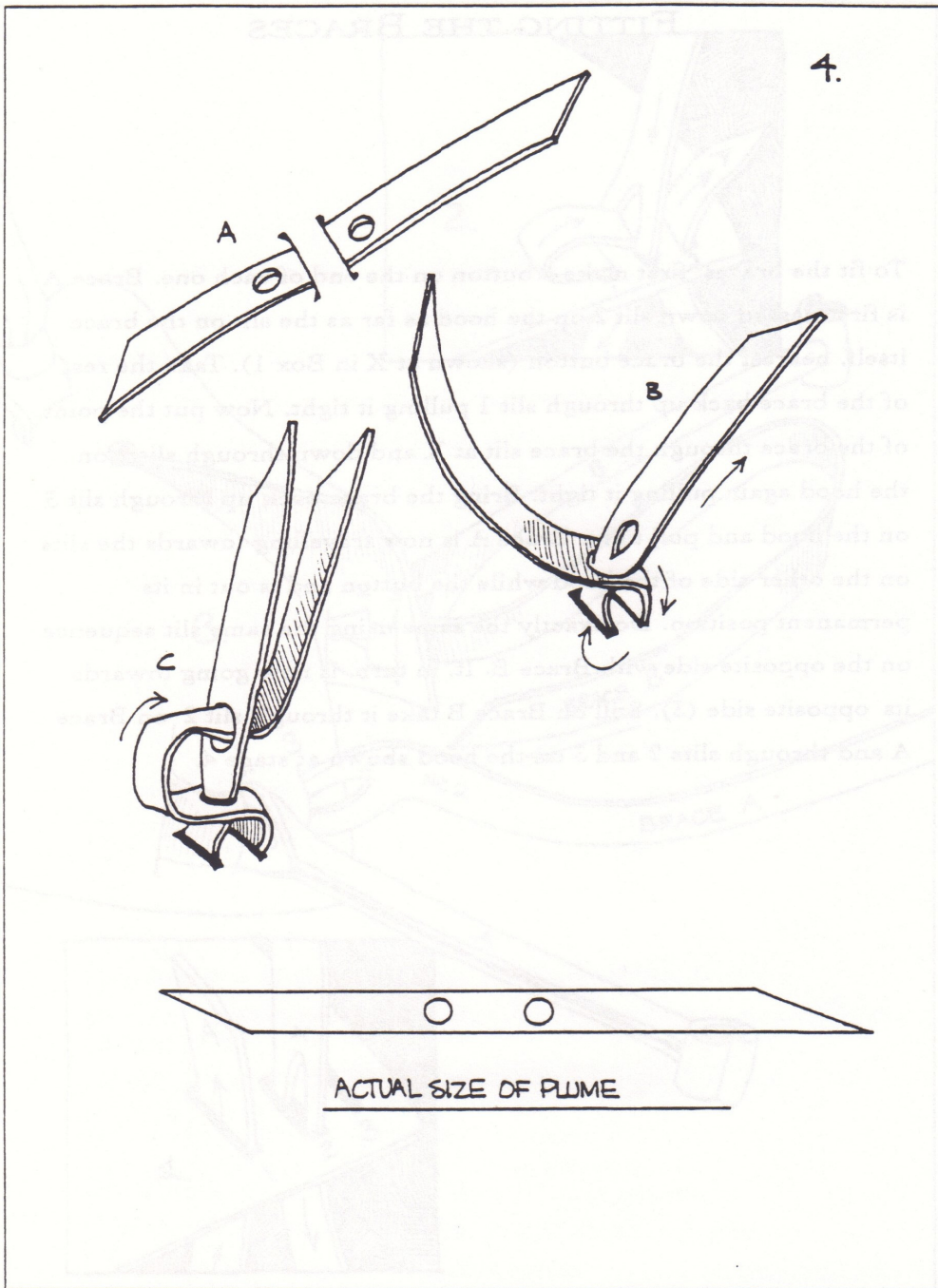


THE HOOD

Apply the adhesive to the two ribs which can also be chamfered as they will thus bond to the hood more firmly. Apply adhesive also along the two edges of each seam and along the insides for the ribs. Allow the impact adhesive at least a quarter of an hour or more to set. Next press the edges of the hood seams together as shown all the way along. Place the ribs in position on the inside and burnish them well in with the end of a spoon handle. The glued seam edges are very important as when they are pressed together it is then easier to place the ribs in position. (The longer the Evostik is allowed to set for this the better).

THE HOOD

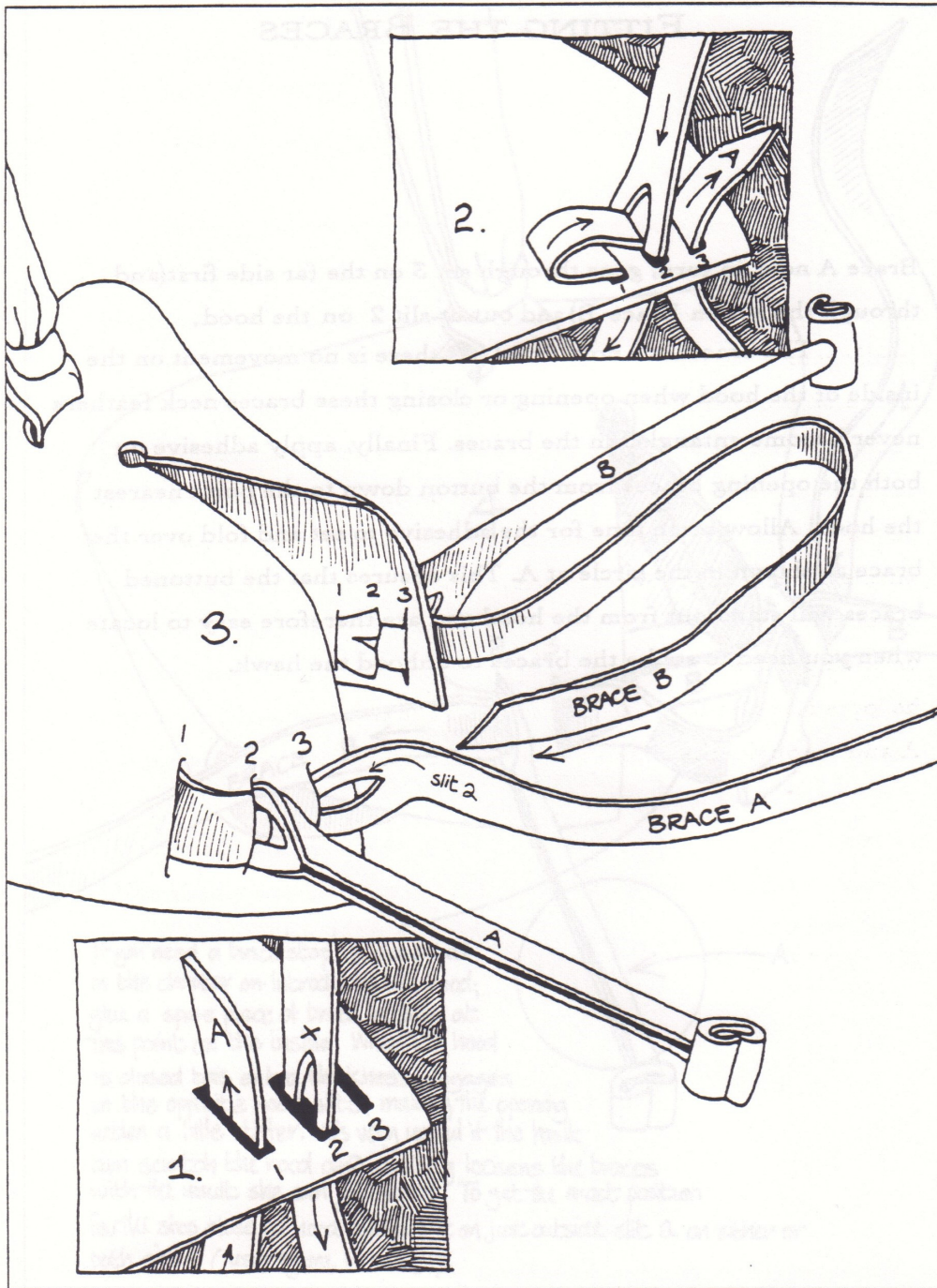




FITTING THE BRACES

To fit the braces; first make a button on the end of each one. Brace A is first passed down slit 2 on the hood as far as the slit on the brace itself, nearest the brace button (shown at X in Box 1). Take the rest of the brace back up through slit 1 pulling it tight. Now put the point of the brace through the brace slit at X and down through slit 2 on the hood again pulling it tight. Bring the brace back up through slit 3 on the hood and pull tight. Brace A is now travelling towards the slits on the other side of the hood while the button end is out in its permanent position. Do exactly the same using the same slit sequence on the opposite side with Brace B. It, in turn, is now going towards its opposite side (3). Still on Brace B take it through slit 2 on Brace A and through slits 2 and 3 on the hood shown at stage 4.

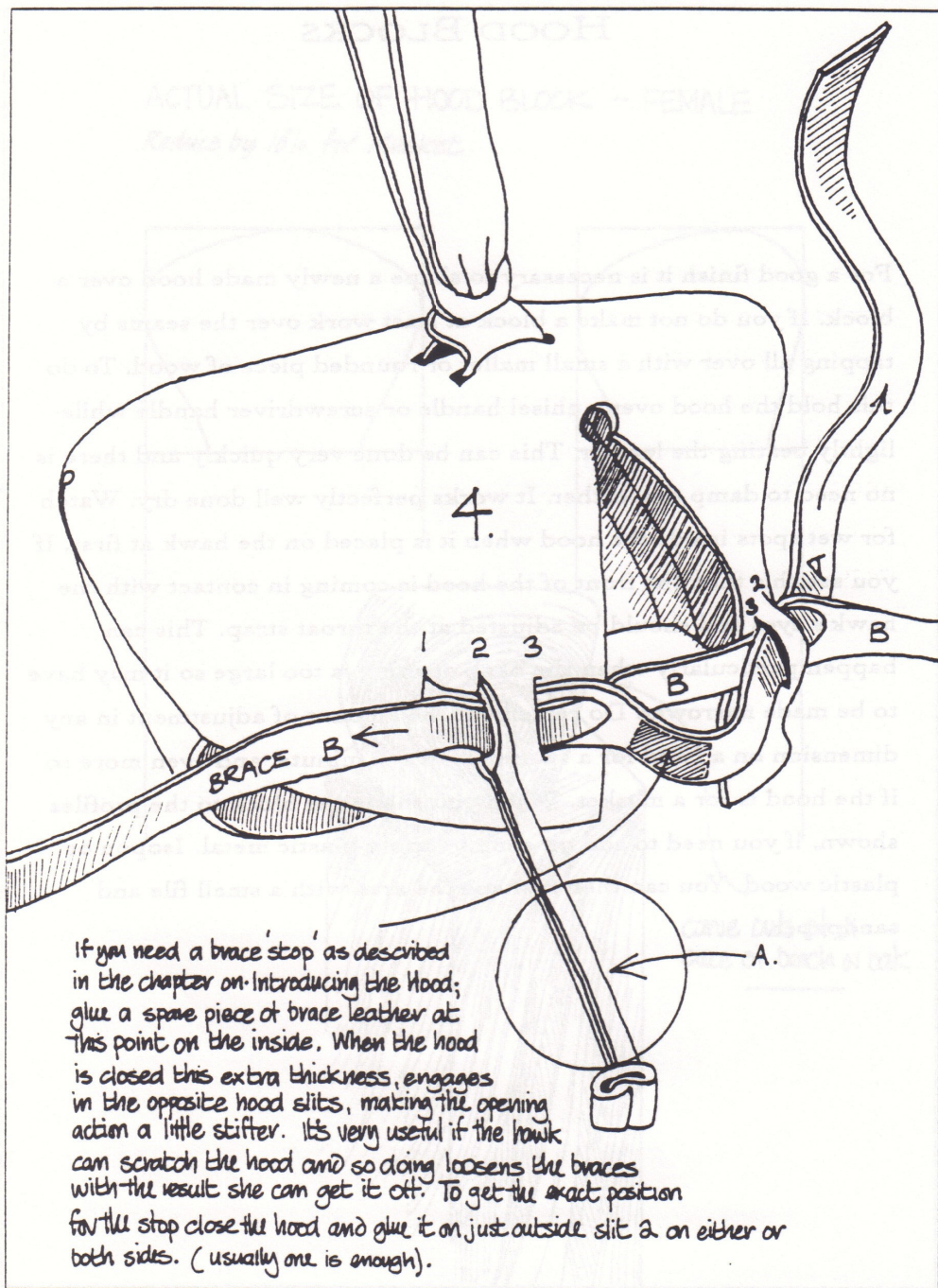
FITTING THE BRACES



FITTING THE BRACES

Brace A now, in turn, goes through slit 3 on the far side first (and through the slit on Brace B) and out at slit 2 on the hood.

The braces are now fitted. As there is no movement on the inside of the hood when opening or closing these braces neck feathers never become entangled in the braces. Finally, apply adhesive on both the opening braces from the button down to the point nearest the hood. Allow some time for the adhesive to set and fold over the brace as shown in the circle at A. This ensures that the buttoned braces will stand out from the hood and are therefore easy to locate when you need to strike the braces to unhood the hawk.

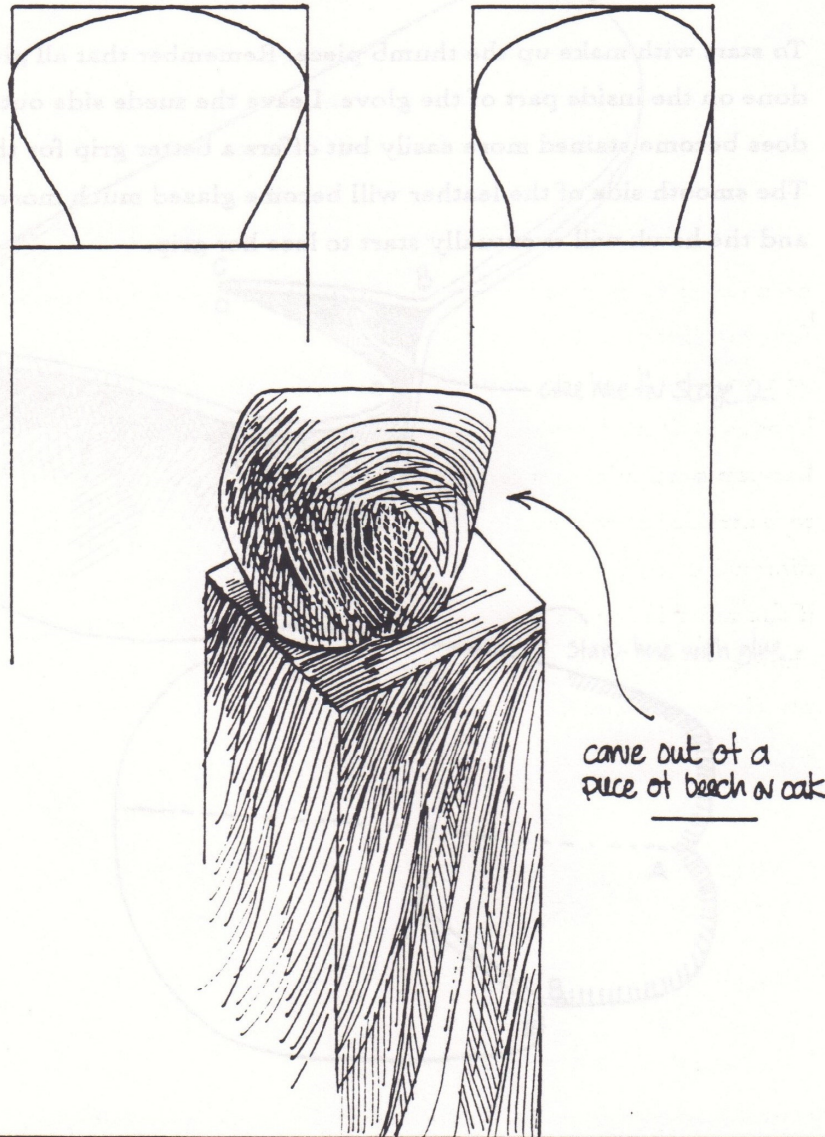


HOOD BLOCKS

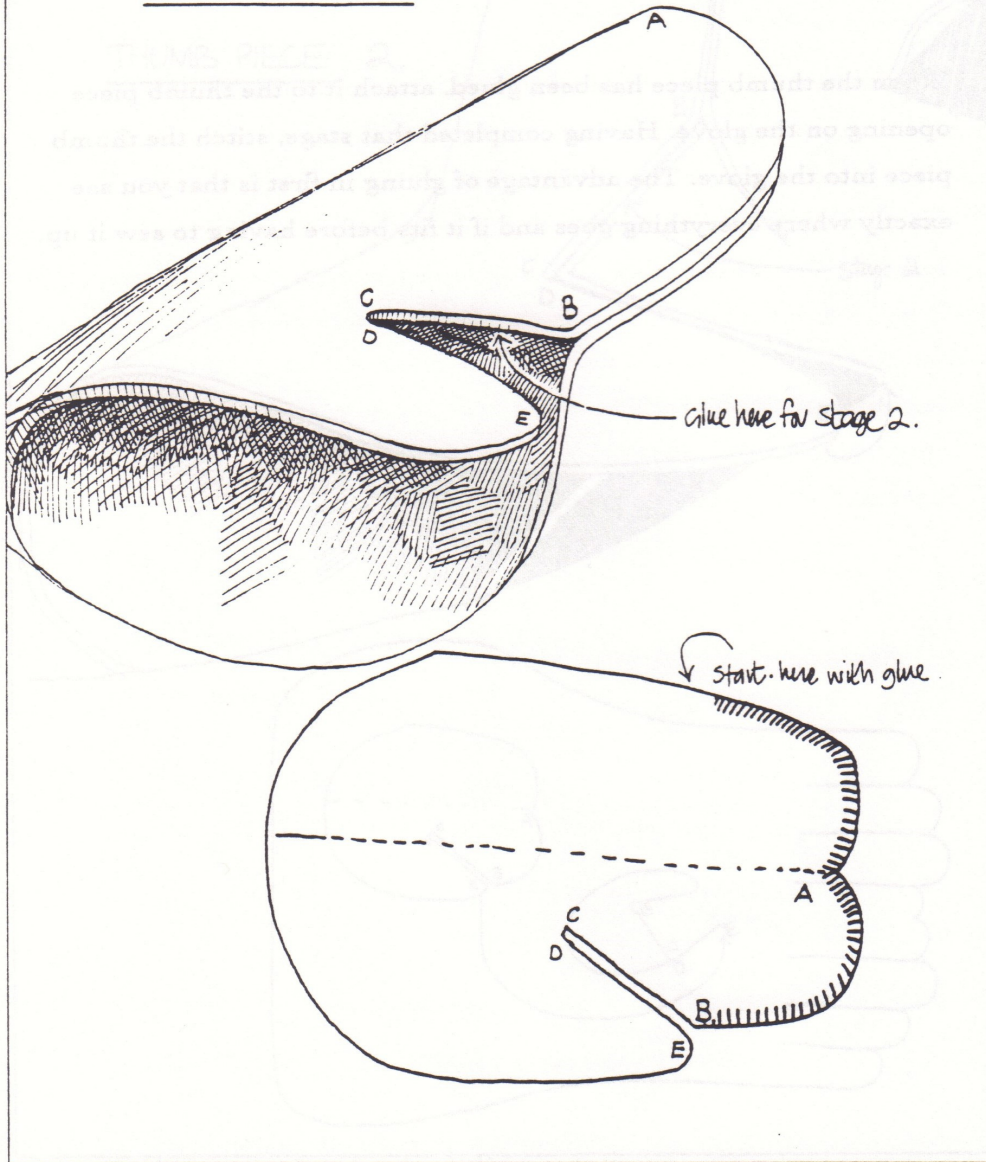
For a good finish it is necessary to shape a newly made hood over a block. If you do not make a block at least work over the seams by tapping all over with a small mallet or rounded piece of wood. To do this hold the hood over a chisel handle or screwdriver handle while lightly beating the leather. This can be done very quickly and there is no need to damp the leather. It works perfectly well done dry. Watch for wet spots inside the hood when it is placed on the hawk at first. If you see this then the front of the hood is coming in contact with the hawk's eyes and should be adjusted at the throat strap. This can happen particularly when the beak opening is too large so it may have to be made narrower. Do remember the amount of adjustment in any dimension on a hood for a sparrowhawk is minute, and even more so if the hood is for a musket. When you shape the block to the profiles shown, if you need to add on simply apply plastic metal, Isopon or plastic wood. You can then reshape the area with a small file and sandpaper.



ACTUAL SIZE OF HOOD BLOCK.- FEMALE
Reduce by 10% for Musket.

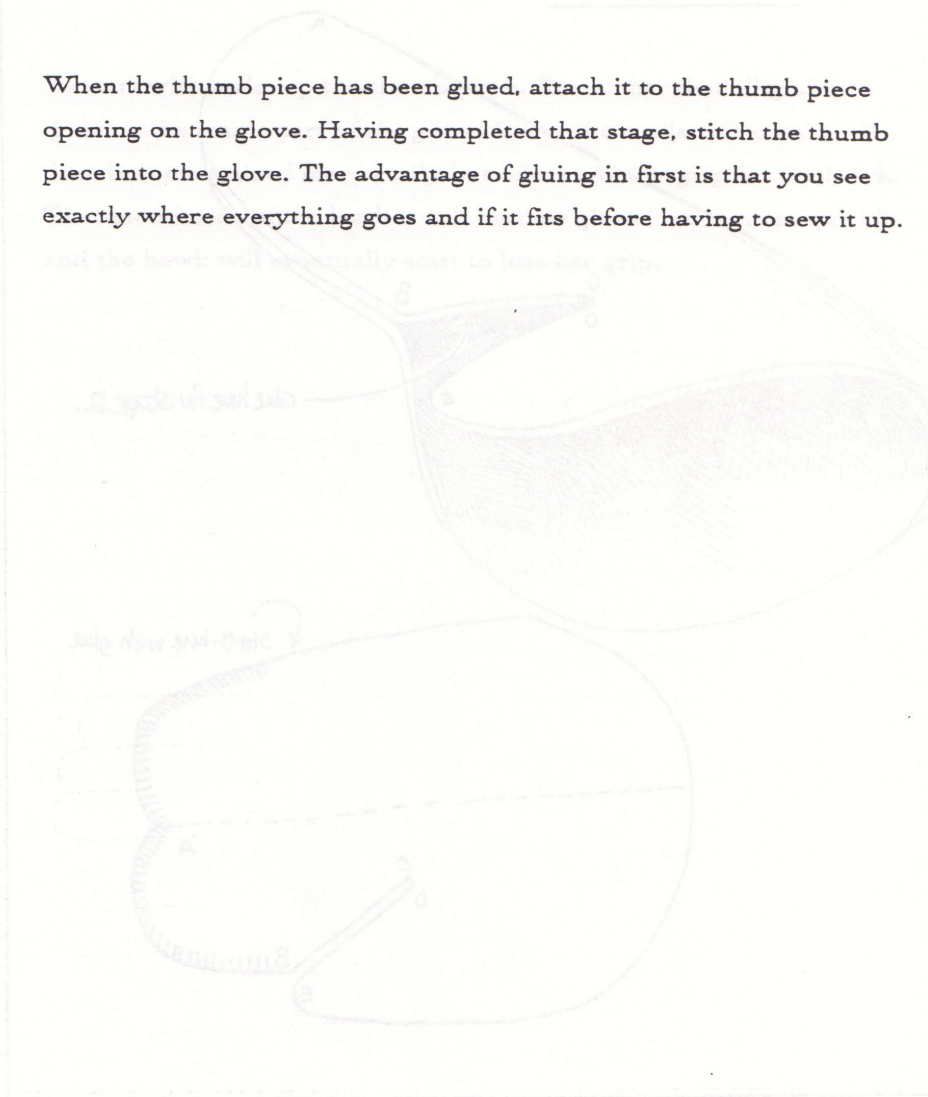


THUMB PIECE 1

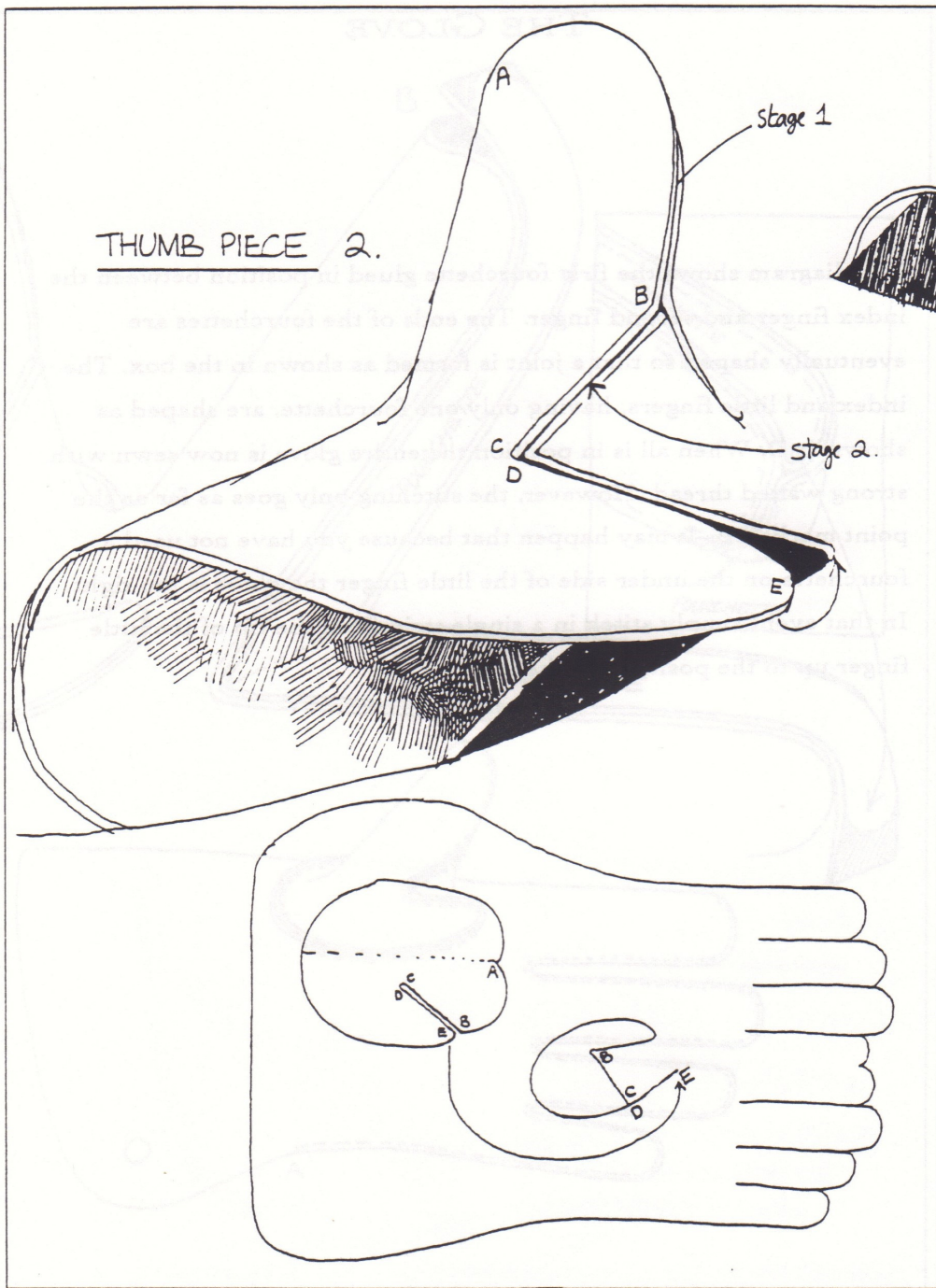


THE GLOVE

When the thumb piece has been glued, attach it to the thumb piece opening on the glove. Having completed that stage, stitch the thumb piece into the glove. The advantage of gluing in first is that you see exactly where everything goes and if it fits before having to sew it up.



THE GLOVE

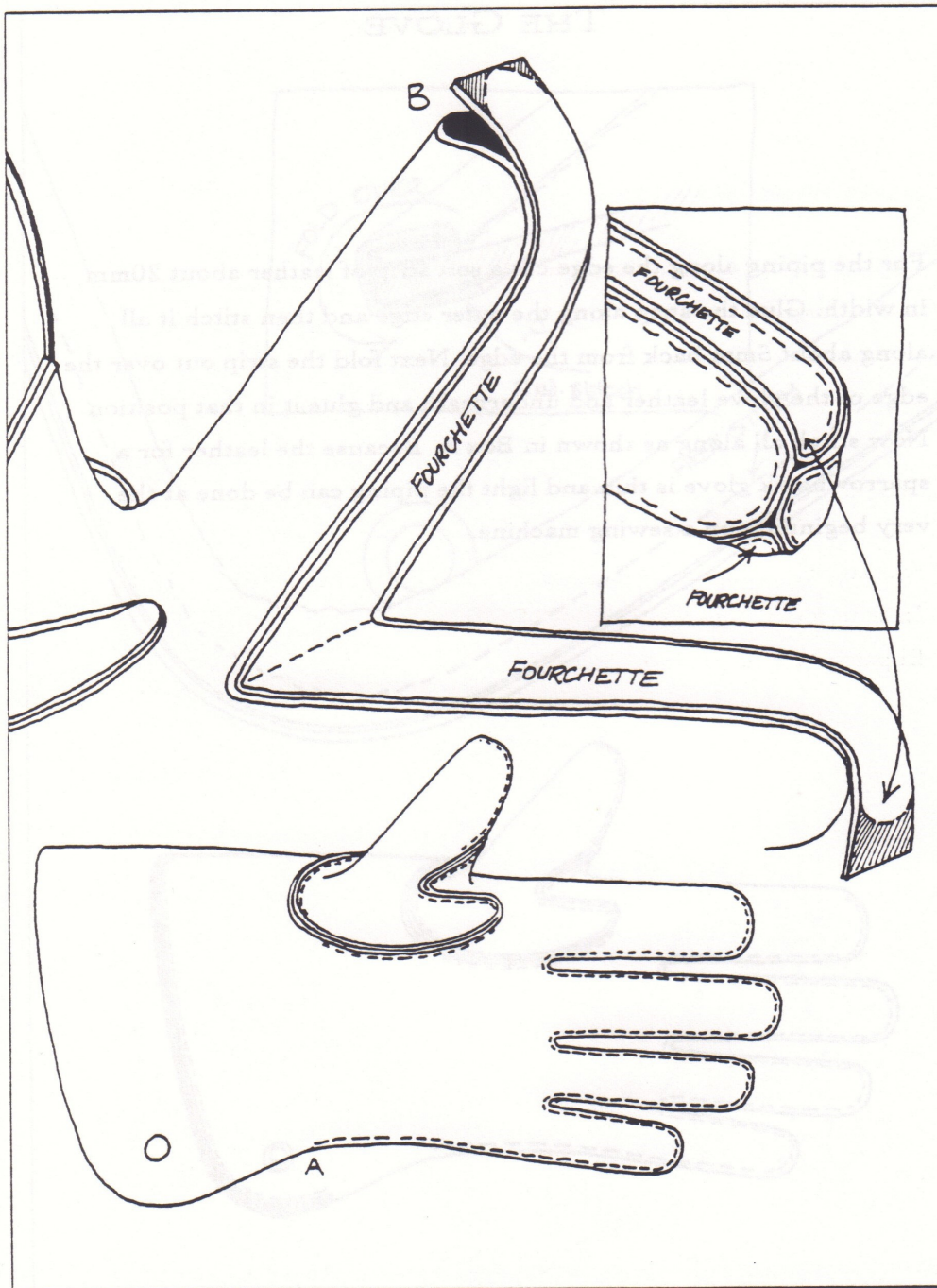


THE GLOVE

The diagram shows the first fourchette glued in position between the index finger and second finger. The ends of the fourchettes are eventually shaped so that a joint is formed as shown in the box. The index and little fingers, having only one fourchette, are shaped as shown at B. When all is in position the entire glove is now sewn with strong waxed thread. However, the stitching only goes as far as the point marked A. It may happen that because you have not used a fourchette on the under side of the little finger the glove is too tight. In that event simply stitch in a single strip from the tip of the little finger up to the position marked A.

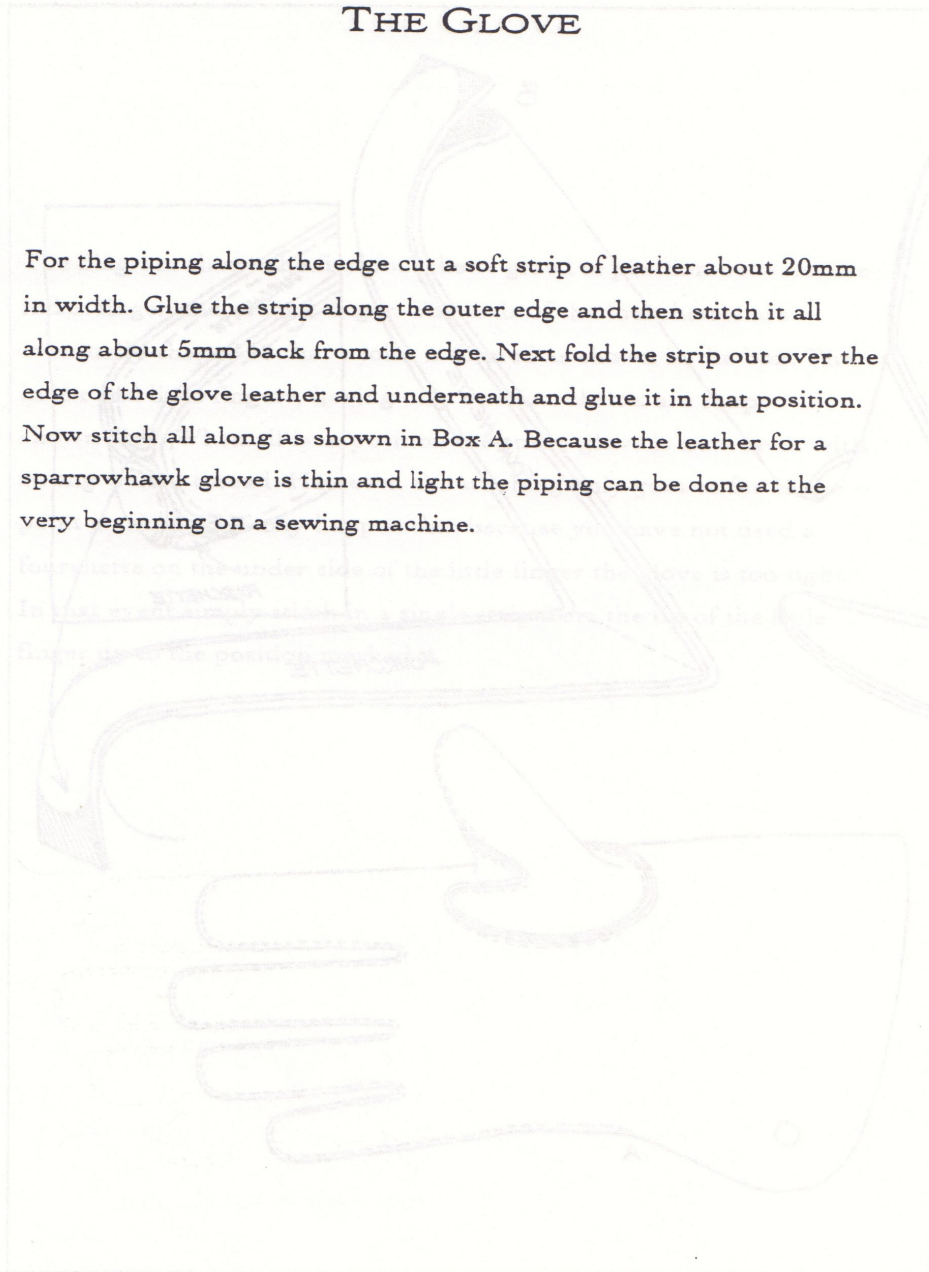


THE GLOVE

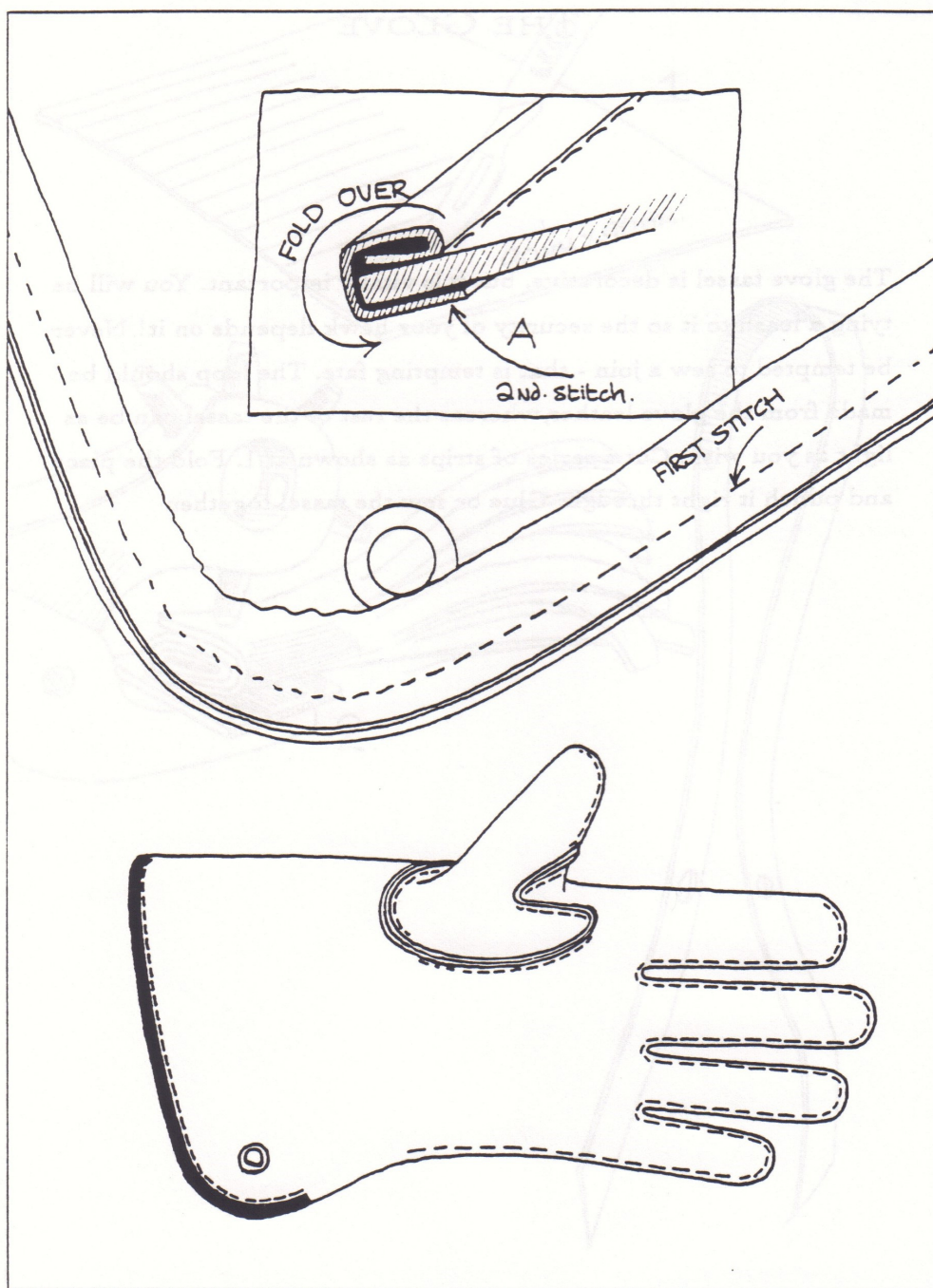


THE GLOVE

For the piping along the edge cut a soft strip of leather about 20mm in width. Glue the strip along the outer edge and then stitch it all along about 5mm back from the edge. Next fold the strip out over the edge of the glove leather and underneath and glue it in that position. Now stitch all along as shown in Box A. Because the leather for a sparrowhawk glove is thin and light the piping can be done at the very beginning on a sewing machine.



THE GLOVE

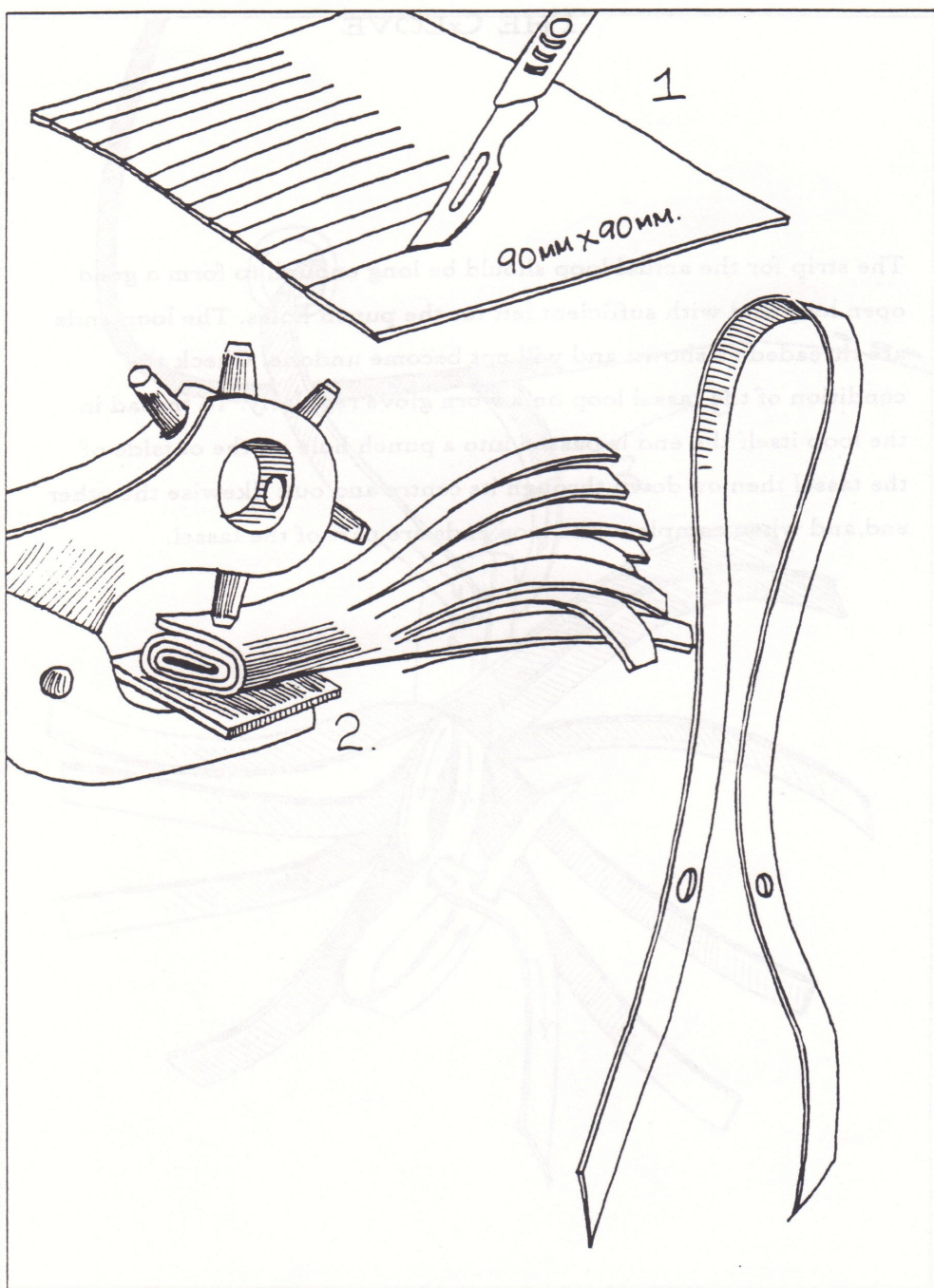


THE GLOVE

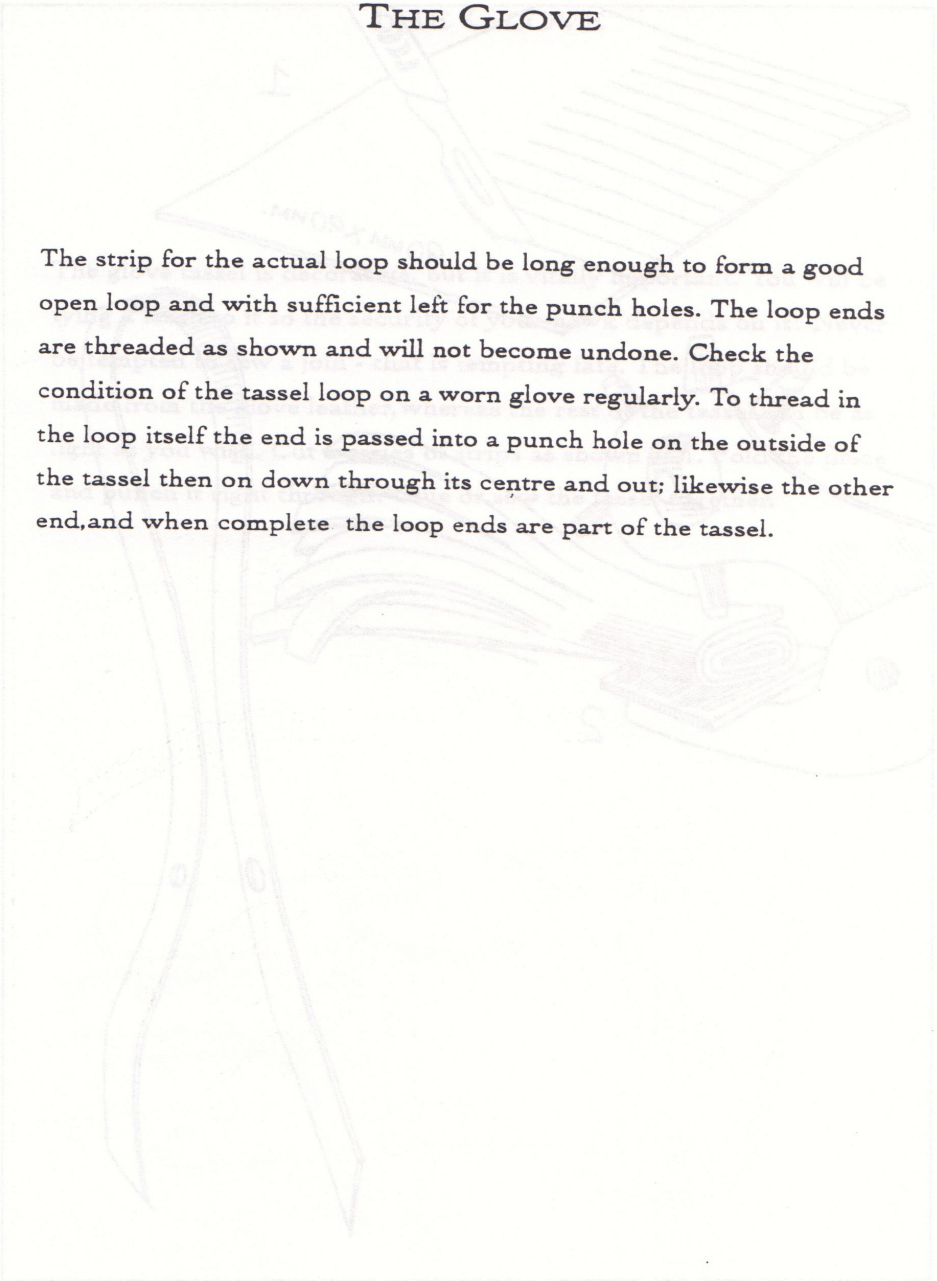
The glove tassel is decorative, but it is vitally important. You will be tying a leash to it so the security of your hawk depends on it! Never be tempted to sew a join - that is tempting fate. The loop should be made from the glove leather, whereas the rest of the tassel can be as light as you wish. Cut a series of strips as shown at 1. Fold the piece and punch it right through. Glue or sew the tassel together.



THE GLOVE

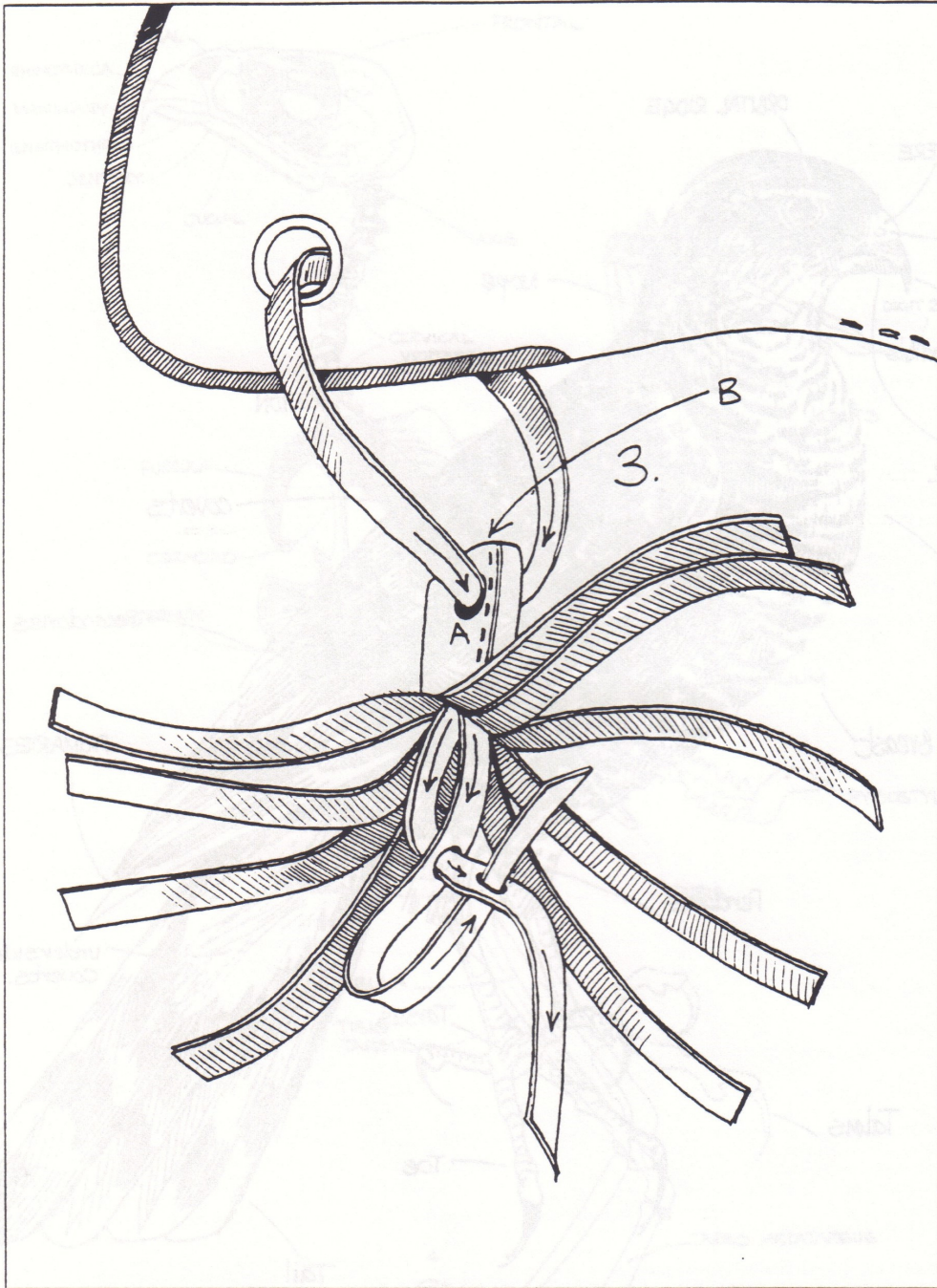


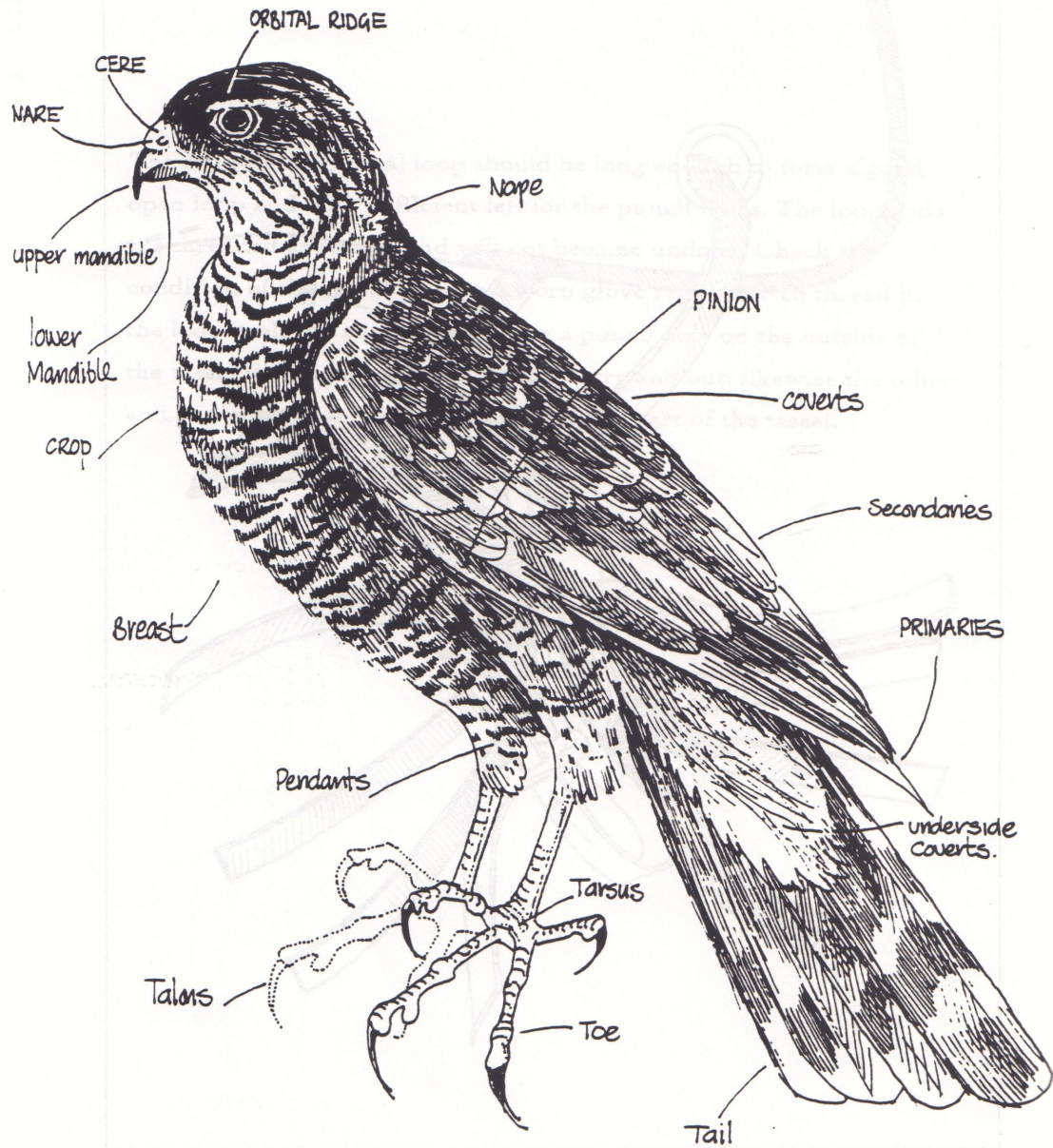
THE GLOVE



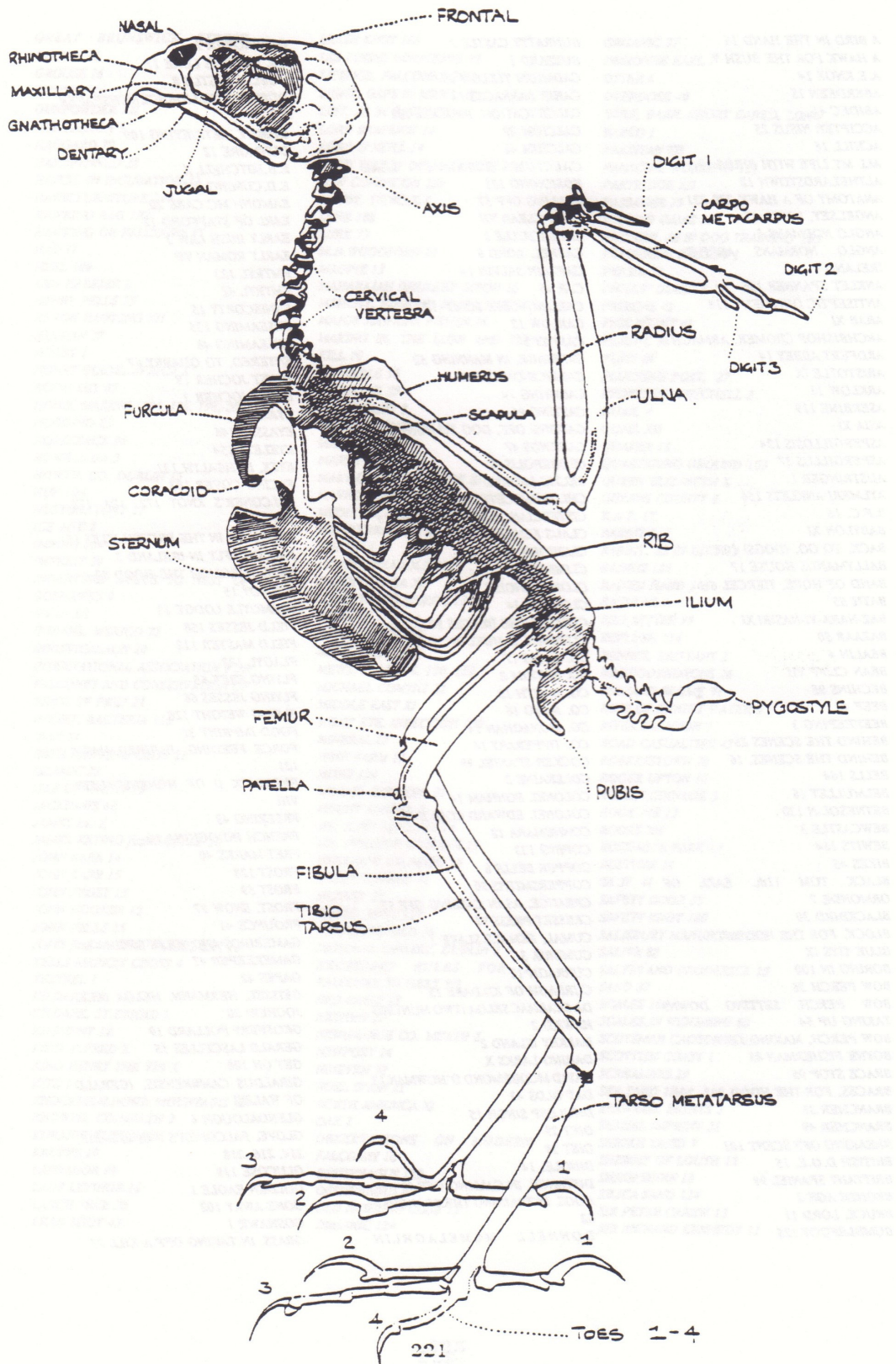
The strip for the actual loop should be long enough to form a good open loop and with sufficient left for the punch holes. The loop ends are threaded as shown and will not become undone. Check the condition of the tassel loop on a worn glove regularly. To thread in the loop itself the end is passed into a punch hole on the outside of the tassel then on down through its centre and out; likewise the other end, and when complete the loop ends are part of the tassel.

THE GLOVE





THE SPARROWHAWK A MANUAL FOR HAWKING



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