<page>169v</page>

<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f344.image</image>

<div>

<id>p169v\_1</id>

<head>Molding very thin like <pro>bimbalotiers</pro> do</head>

<ab>They mold in <tl><m>paper</m></tl> &amp; <tl><m><fr>carton</fr></m></tl>, for neither <m>earth</m>, sand, or <m>metal</m> would mold as neatly, &amp; receive <sup>as well</sup>. Or else they engrave in <tl><m><m>stone</m> from <pl><fr>Istre</fr></pl></m></tl> the principal side, &amp; the reverse is of <tl><m>paper</m></tl> or <tl><m><fr>carton</fr></m></tl>.</ab>

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<id>p169v\_2</id>

<head>Reducing a round figure into a hollow one</head>

<ab>You need to firstly mold it with some <m>plaster</m>, as said before, &amp; in the <m>plaster</m> cast in <m>wax</m>, from which will come out a relief that you will repair very neatly, and <del><fr>b</fr></del> model it as you fancy. And then, you will model this relief of <m>wax</m> again in <m>plaster</m>, or better yet, with your wet sand <figure>#</figure> like for <fr>noyau</fr>, &amp; in the latter cast in some <m>lead</m>, &amp; from this you will have a very neat relief, &amp; if it is not, repair on the <m>ciment</m> or otherwise, &amp; take heed that it is always of good release. And this one will always serve you well for making as many hollows as you please, in this way. Place half of your figure of <m>lead</m>, oiled &amp; wetted with <m>eau-de-vie</m>, according to the above, in the <tl><m>clay</m> slab</tl>, then mold this half with some <m>white plaster</m>. Having set, <del>next</del> and having well smoothed &amp; flattened the <m>plaster</m>, take your <m>black wax</m>, mixed with <m>sulfur</m>, as said, because it leaves nothing in the <tl>mold</tl> &amp; melts quicker. Wet it in <m><bp>warm urine</bp></m>, &amp; once softened enough, make it into an imprint on the half of the <m>lead</m> figure, and <del>it</del> you will have a very neat hollow. Shape next the <m>wax</m> hollow in a square shape, as you please, with sufficient thickness &amp; smooth it well on all sides, &amp; <del>thus</del> next, mold this hollowed <m>wax</m>, both imprinted on one part &amp; flat &amp; smooth on the other, in the same fashion that you mold flat medals of <m>wax</m> or <del>other</del> <m>metal</m> in <fr>noyau</fr>. And the <tl>mold</tl> in <fr>noyau</fr> will render in <m>silver</m> or such <m>metal</m> as pleases you <del><fr>la m</fr></del> a similar figure to the <m>wax</m>, that is to say flat &amp; smooth on one side &amp; hollow on the other. And having cleaned this hollow &amp; and put to be whitened, if it is <m>silver</m>, you will be able to mix there some works of <m>sugar</m>,</ab>

<ab><margin>left-middle</margin><figure>#</figure>

having made a hole in your <tl><m>clay</m> slab</tl> &amp; having <del>en</del> packed in it half of the <del><ill/></del> figure of <m>wax</m>, a little <m>oiled</m>, to pull it out better.</ab>

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Transparent <m>wax</m> is not good, but rather the one which has body, to make an imprint well.</ab>

<figure>

<id>fig\_p169v\_3</id>

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<link><https://drive.google.com/open?id=0B9-oNrvWdlO5MGtBY2MyYTNKTUE></link>

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As you have molded with <m>plaster</m> &amp; <m>wax</m> one half, you can mold the other the same.</ab>

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