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<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f311.image</image>

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<id>p153r\_1</id>

<head>Molding hollow for seals or other things</head>

<ab>Firstly, model your representation in <m>wax</m> on a piece of <tl><m>glass</m> or smooth <m>slate</m></tl>. Next, mold it with our above-said sand, <del><fr>l’</fr></del> having firstly smeared lightly with <m>oil</m>, as you know, &amp; then rubbed with <m>eau-de-vie</m>, <del>having</del> and wetting your sand with <m>hot water</m>. Having the hollow, cast it in <m>alloyed lead</m>, in the same format as other representations that you make very neatly. However, if it did not come out at all neatly, repair it. And then, <del>cast some</del> <add>mold with some</add> <m>wax</m>, on the relief of <m>lead</m>, &amp; you will have a very neat hollow in the <m>wax</m>, which comes out very neatly on the <m>lead</m>. Next, in the hollow of <m>wax</m>, cast your wet sand, which will make for you a relief, on which you will cast your hollow in <m>silver</m> or another <m>metal</m> for seals. But, note that one ought not make your hollow with <m>melted wax</m>, but rather, only heated in <m>warm water</m>, or, even better, in <m>warm <bp>urine</bp></m>. Or else, if you have a relief of <m>gold</m> or <m>silver</m>, or other <m>metal</m>, very <del><fr>faço</fr></del> neat &amp; repaired, imprint on top your hollow of <m>wax</m>, &amp; then in the latter, cast your sand, which will come out in relief, on which, next, you will cast your hollow for seals or other works. You could even cast a hollow on the principal part of the <m>metal</m> relief, &amp; even with <m>lead</m> &amp; <m>tin</m>, which will not melt at all the principal part if it is with a <tl><fr>pinceau</fr></tl> lightly smeared with <m>crushed chalk</m>, or smoked with <m>candle smoke</m> or with <m>glair of dried egg</m>.</ab>

<ab><margin>left-middle</margin>When you have imprinted your seal of <m>wax</m>, mold in <fr>noyau</fr> this piece of <m>wax</m>, which is hollow, like your seal, &amp; your <fr>noyau</fr> will render it molded, similar to <del><fr>u</fr></del> the imprint &amp; the seal.</ab>

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

It is necessary that your <m>wax</m> be mixed with some color which hardly has body, in order that you see the imprint better. <m>Lamp smoke</m> or <m>soot black</m> is good for this. <m>White wax</m> , for this effect, is <del><fr>exc</fr></del> better.</ab></div>

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<id>p153r\_2</id>

<head>Giving the thickness that you wish to a medal</head>

<ab>Having cast your first <tl>mold</tl>, mix <del><fr>d</fr></del> <m><la>crocum</la></m> or <m>well-ground iron scales</m> to firm it up. And having set, &amp; rendered your hollow part very neat, take some paste of fine</ab>

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