<page>170r</page>

<image><http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f345.image></image>

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<id>p169v\_2</id>

<ab><m>perfume</m> and similar things. But be sure that the <m>black</m> <m>wax</m>with which you cast is hard, so it will come off rapidly when dry so you can see if it has been stamped correctly. It can be made harder by adding more melted <m>sulphur</m> in the melted <m>wax</m>, and a bit of <m>resin</m>.</ab>

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<id>p170r\_1</id>

<head>Current medals</head>

<ab>One makes the relief puncheons of untempered <m>steel</m>, then one tempers them, &amp; with these one strikes on matrices, not reddened in fire, as some think, but on steeled <m>iron</m>, reheated &amp; sweetened, which one next tempers.</ab>

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<id>p170r\_2</id>

<head>Cast</head>

<ab>Do not cast at once for in doing so, the metal is regurgitated <corr><del>&amp;</del></corr> <del>in</del> &amp; the metal gets cold before it goes down. But, cast bit by bit &amp; taking your time.</ab>

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<id>p170r\_3</id>

<head>Cramps</head>

<ab>When you put them back the second time, make sure that the mold does not shift.</ab>

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<id>p170r\_4</id>

<head>Molds</head>

<ab>Those of <fr>noyau</fr>, when being reheated, want to be set on <m>charcoals</m> a <add>little</add> spent, without the air touching them, like the frame molds want to be <del>recu</del> dried in the open, &amp; uncovered.</ab>

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<id>p170r\_5</id>

<head>Thick works of <m>tin</m></head>

<ab>They do not want to be cast in <m>lead</m> or <m>red tin</m> like thin &amp; delicate things. It is enough if it is <del>f</del> well-melted &amp; hot. Thin things want to be quite hot &amp; of <m>red tin</m>.</ab>

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<id>p170r\_6</id>

<head>Cleaning closed molds</head>

<ab>One needs to let them cool rather than blow inside to clean them, for once hot they retain the ash. Once cold, they are cleaned better. Take a thin wire of <m>latten</m> or a delicate straw to clean the tail completely, for this is what makes the gate. Blow into it &amp; suck, drawing it to you. Before molding, enlarge the tail with <m>wax</m>, then cut it,

<figure>

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</figure>

&amp; join &amp; solder a tail of <m>latten</m> wire by solder. The lumps of a flower, it is a little thing, for this can be removed with the <fr>chaple</fr>, but so that leaves come out well, then the paint covers everything.</ab>

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