<page>149r</page>

<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f303.image</image>

<div>

<id>p149r\_1</id>

<head>Softening <m>iron</m> and rendering it very soft</head>

<ab>Take <m>sublimate</m>, <m>quicklime</m>, <m>soap from <pl>Venice</pl></m>, <m><al>horse</al> dung</m>, a little less <m>sublimate</m> than the others. Wet all of this together like paste &amp; with this impaste the <m>iron</m>, &amp; to do this envelope it with some <tl><m>bad linen</m></tl>. Then make it reheat until it is very red. Or leave <ms><tmp>overnight</tmp> in a good fire until the <tmp>morning</tmp></ms>. It will be very soft for engraving on it well whatever you want.</ab></div>

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<id>p149r\_2</id>

<head><m>Base gold from <pl>Germany</pl></m>, <def><m><fr>electre</fr></m></def></head>

<ab>One calls it <m>gold from the <pl>Rhine</pl></m> , which one finds in the <env>rivers</env>, and is <m>spangle gold</m>. <pro>Goldsmiths</pro> from <pl>Germany</pl> wanted to refine it, thinking to separate it from this whiteness which they deemed to be <m>silver</m>. But it always remains whiteish, which demonstrates that this whiteness is fixed &amp; it does not lack color. This is <def><m><fr>electre</fr></m></def>, from which one is able to make cups, which will demonstrate <md>poison</md>.</ab></div>

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<id>p149r\_3</id>

<head>Various arts from <pl>Germany</pl></head>

<ab>They are very much helped by <tl><env>water </env>mills</tl>, &amp; most of the<pro> artisans of <m>metals</m>, of <m>gold</m>, &amp; of <m>silver</m>, &amp; others</pro>, at the <tl>trip hammers</tl>, <del>make</del> get their large works beaten. And to draw <m>iron wire</m>, they redden large masses of <m>iron</m>, &amp; having made it into a point, they make it hang while totally red, &amp; thus promptly draw the <m>wire</m>.</ab></div>

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<id>p149r\_4</id>

<head>Repairing a medal</head>

<ab>If you want to mold any medal to serve as your pattern, &amp; at the same time repair it, cast it in a majority of <m>tin</m> &amp; put in a copious amount of <m>looking-glass tin</m> to harden it.</ab></div>