<page>040v</page>

<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f86.image</image>

<div>

<id>p040v\_1</id>

<head>Cross of the <pro>commanders of <pl>Malta</pl></pro></head>

<ab>This beautiful <m><fr>rouge clair</fr></m> which makes the field of the white <m>enamel</m> cross is <del>blood</del> of fine tear of <m><al>dragon</al>'s blood</m> tempered with <m><fr>eau de vie</fr></m> or else <m><pl>Indian</pl> laque plate</m>, which in my opinion is made in <pl>Flanders</pl>, tempered with <m>clear turpentine</m> &amp; tear of <m>mastic</m> &amp; laid down on a <m>silver</m> leaf, not the kind which the <pro>painters</pro> use, but a thicker kind, which is burnished by <pro>those who make foil backings for gemstones</pro> <del><fr>Av</fr></del> or by <pro>goldsmiths</pro>, &amp; that gives it this beautiful brilliance.</ab></div>

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<id>p040v\_2</id>

<head><m>Latten</m> and <m>calamine</m></head>

<ab><pro>Founders</pro> do not melt <m>latten</m> in a <tl><del>air</del><add>bellow</add> furnace</tl> but in <tl>crucibles</tl>, for in a <tl><add>bellow</add> furnace</tl> &amp; amid the <m>charcoals</m>, the <m>calamine</m> would disappear. <del>A</del></ab></div>

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<id>p040v\_3</id>

<head><m>Metal</m></head>

<ab><m>Tin</m> should be pure for if there is any <m>lead</m>, it will go up in smoke while melting. Mixed <m>tin</m> holds in the fire for a long time but the <tl><m><fr>cendrée</fr></m></tl> separates it.</ab></div>

<div>

<id>p040v\_4</id>

<head><m>Aquafortis</m></head>

<ab>If your <tl>retort</tl> is well luted one ought not to surround it with <tl><m>ashes</m></tl>, which would only get in the way of chasing the <m>spirits</m> properly. But when, at the end, you give it violent fire, surround it with coals which should be lit elsewhere beforehand, as those in the <tl>furnace</tl> should be, in order that they do not crackle &amp; do not make smoke. Put the said lit coals around the body of the <tl>retort</tl>, &amp; not close to the neck, which does not need to be heated as vigorously. The <tl>top grate</tl>, where you place your <tl>retort</tl>, is sufficiently far, one <ms><fr>dour</fr></ms> or <ms>half a <ms>foot</ms></ms>, from the <tl>bottom grate</tl> where the charcoal is placed, for by doing this not as much of it is wasted.</ab></div>