<page>135v</page>

<image><http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f276.item.r=></image>

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<id>p135v\_1</id>  
<head>Casting in <m><figure>☼</figure></m></head>

<ab>Take a <tl>crucible</tl> with a capacity suitable for what you want to put in it, crush a little <m>borax</m> coarsely &amp; put it at the bottom, then the <m><figure>☼</figure></m> on top. Arrange on the <m>charcoals</m> of the <tl>forge</tl> the <tl>crucible</tl> in such a way that the wind of the <tl>bellows</tl> blows on it from underneath and not at the side, for this cools it &amp; does not heat it enough. Make sure also that it is distanced three <ms><bp>fingers</bp></ms> from the wall of the <tl>forge</tl>, in order that it can be surrounded with <m>charcoal</m>. Let the said <tl>crucible</tl> reheat, until it is well red. Then, make your <pro>boy</pro> blow on it with long and strong pushes, for in this way it heats <del>well</del> better. And nevertheless <del>blow by</del> when the <m>gold</m> is melted, blow on top with a <tl>little bellows</tl>, for the <m>gold</m> will become brittle &amp; take on a <fr>chappe</fr>. And as long as it makes a swirling smoke, as you blow thusly, it means that is not <fr>doulx</fr> enough for the cast. Uncover therefore the <tl>crucible</tl> &amp; without moving <del><fr>ch</fr></del> it from its place and without interrupting the blowing, make it lean towards you in order to see well inside. Throw in it the <ms>size of a <pa>bean</pa></ms> of <m>borax</m> &amp; blow inside in jolts with the <tl>little bellows</tl>. But if there is <m>charcoal</m> inside, blow a little stronger to make it go out. And if the <m>gold</m> smokes &amp; swirls, put some more <m>borax</m> in and <del>note</del> blow on top, making sure that, if it is still brittle &amp; not softened enough, it does not cover itself when you blow, as if it had cooled. But if it does not make this sign, it is <fr>douls</fr> enough. @At that point blow very strongly in order to heat it well, and as you think it is hot enough, throw in on top, in the <tl>crucible</tl>, the<m> <def><m><fr>couleur</fr></m></def> composed, as said beforehand here, of <m>verdet</m>, <m>saltpeter</m>, <m>sal ammoniac</m> &amp; <m>borax</m></m>, <add>a little</add>. And <del>let rest</del> blow always with the <tl>small bellows</tl>, and the <m>gold</m> will become shiny like</ab>

<ab>  
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If you cast in <m>gold</m> some important piece, <m>lute</m> your <tl>mold</tl> with the same sand where <del>there is</del> there is some <m><la>crocum</la></m>.</ab>

<ab>  
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If you want to cast some large work in <m>gold</m>, or which is important, make at the foot of the <tl>forge</tl>, or at one end of it a <add><tl><fr>four à vent</fr></tl></add>, where you can hold your <tl>mold</tl> in the completely <del><fr>n</fr></del> red sand. </ab>

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One can cast two or three <ms>lb</ms> of <m>gold</m>.</ab>

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