

G E B E R,

The Famous Arabian

Prince and Philosopher

His BOOK, of

F u r n a c e s

The PREFACE, dividing this BOOK into Three Parts.

We have considered with a Consideration not phantastick, That in our Yolumes We have amply treated of the whole Art. Yet, that We may not be obnoxious to the Censure of the Envious, We have Writ this Book of Furnaces, in which We shall deliver the Manual Practice, in Preparations both of Spirits and of Bodies; that Artificers may the better attain to the Compleatment of the Work.

Therefore, seeing the ultimate Consideration consists in the Knowledge of Things more nigh, and in the way of Operating; and Things may be extracted from Things, by the Regimen of Fire: and for as much as We cannot attain to this, unless by separating Superfluities from the desired Subject, viz. The Combustibilities, and Terrestreities of Sulphur, defiling every Body; hence it is, that We intend First to treat of all the Wayes of Operating; as namely, what the Furnace is, with its Instruments, which hath respect to every Thing to be prepared, even unto Compleatment of the Work, with the Regimen of Fire appropriate to it; and what Vessels are fit for the purpose, that the Artist may with them compleat his Operation. Secondly, We will shew, what Things are to be prepared; that he may be able, of Things Simple or Comixt, to generate Sol, or Luna, with splendour. Thirdly, We will declare those Things, which may be perfected with Alteratives, and which are naturally altered with Total Compleatment: and the way of Per mixing with due Proportion, and with Medicines by a long time prepared thereunto. But at the End and towards the Close of this Book, We will set down a Recapitulation of all Our Experiments, by which We attained to the Knowledge of this Verity.



Idealized portrait of Geber

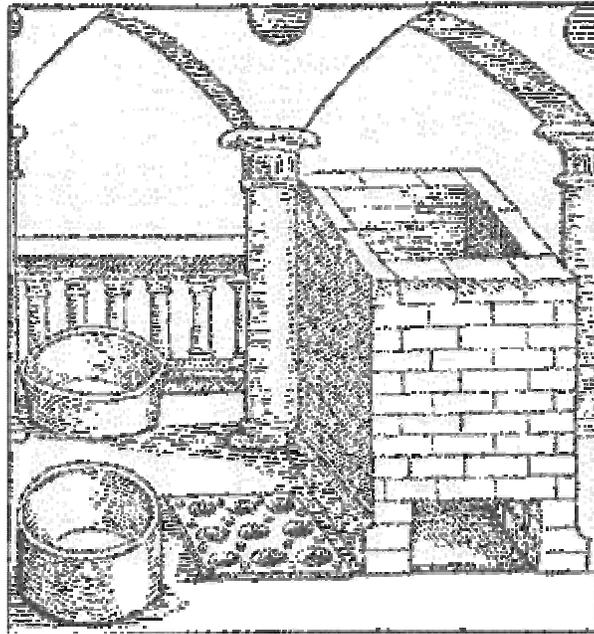
The First Part of this Book, Of the Ways of Operating.

CHAP. I

Of the Calcinary Furnace.

Let the Calcinary Furnace be made square, in length four foot, and three foot in breadth, and let the thickness of the Walls be half a foot; after this manner: Luna, Venus, Mars, or other Things to be calcined, must be put into Dishes or

Pans of most strong Clay, such as of which Crucibles are made, that they may persist in the Asperity of Fire, even to the total Combustion of the Thing to be calcined. Calcination is the Treasure of a Thing, be not you weary of Calcination; but study what We have said in Our Volumes. For imperfect Bodies are cleansed by Calcination, and by Reduction of the Calcinate into a Solid Body, or Mass. Then is Our Medicine projected upon them, and cause given to you of Joy.



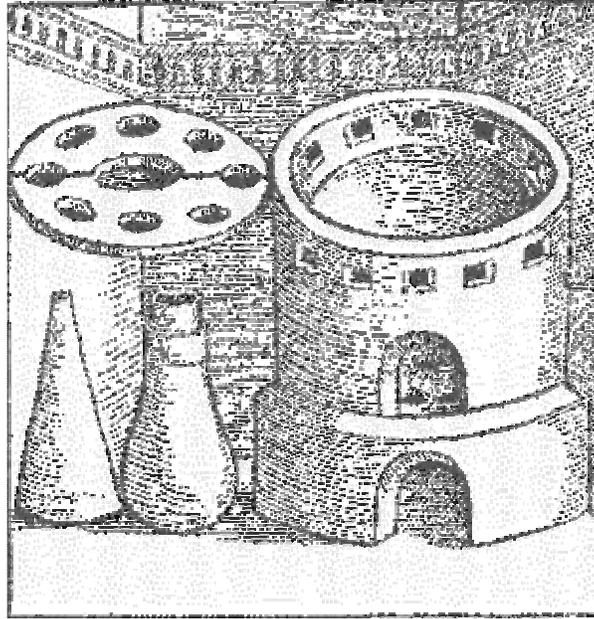
Calcination

CHAP. II

Of the Sublimatory Furnace.

Let your Sublimatory Furnace be made after the manner, as is before compleatly taught, in Our Summe of Perfection, touching the Sublimation of Spirits; according to this Form.

In Sublimation of Sulphur, the Cover of the Sublimatory must be made with a great and large Concavity within, after the manner of an Alembick without a Nose: for otherwise the whole Sublimate may descend to the Bottom of the Vessel, through too great Heat. Because in the end of the Sublimation, the Sulphur ascends not, unless with force of Fire, even to ignition of the Aludel; and if the Sulphur be not retained in the Concavity above, seeing it easily flows, it will descend again, by the Sides of the Vessel, to the very Bottom, and so nothing will be found sublimed; as is known to the Expert.

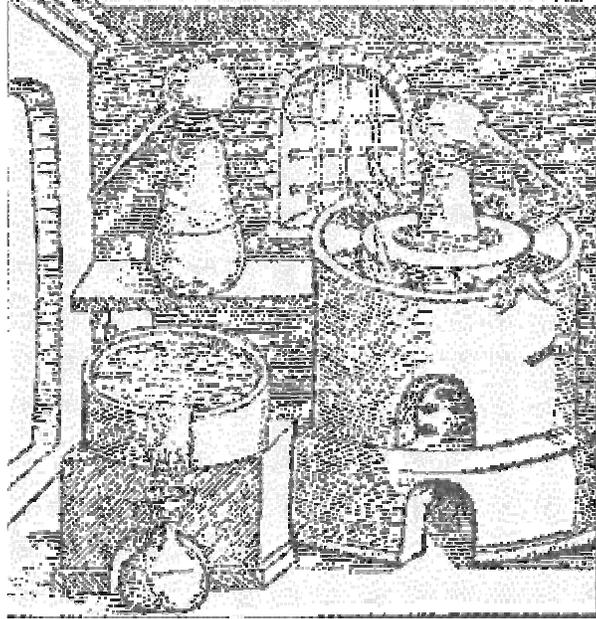


Sublimation and Fixation

CHAP. III

Of the Distillatory Furnace.

The Distillatory Furnace is the same with the Sublimatory. But Fire must be administred according to the Exigency of Things to be Distilled. The way of Distilling, as well of Minerals, as of Vegetables, We have sufficiently described in Our Sum of Perfection.

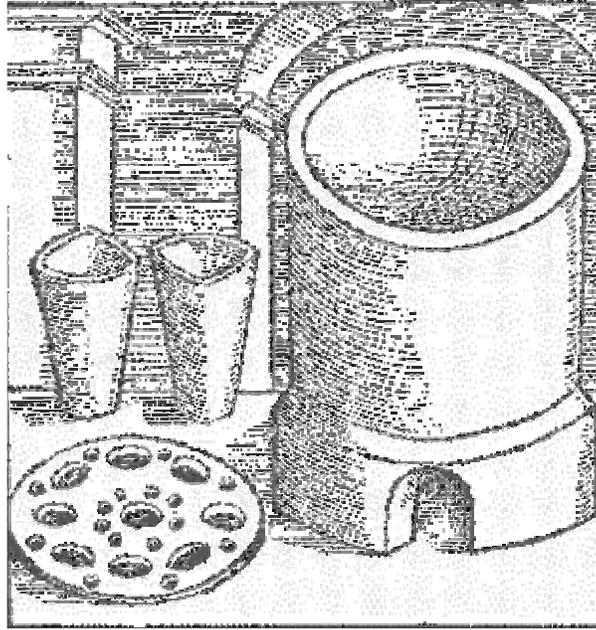


Distillation

CHAP. IV

Of the Descensory Furnace.

The Descensory Furnace is made as before described, and it is wonderfully useful to Us, and to the Melters of Metals by Cineritiums and Cements. For all Calcinied, Combust, Dissolved, and Coagulated Bodies, are reduced by this Furnace into a Solid Mass. Yea, Cineritiums and Cements, and Tests, or Crucibles, into which Silver is often Melted, are put into this Furnace, for recovering the Metal imbibed.

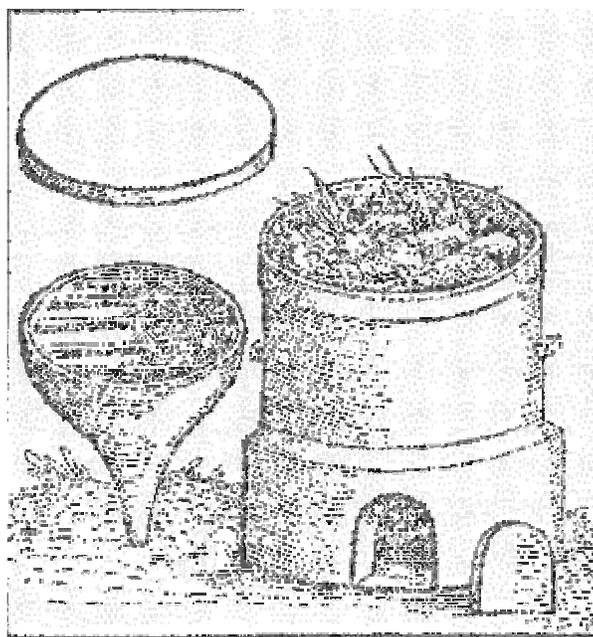


Fusion

CHAP. V

Of the Fusory, or Melting Furnace.

The Fusory Furnace is that, in which all Bodies are easily melted by themselves; and it is a Furnace much in use among Melters of Metals for Coining Money: also Aurichalcum is melted in these Furnaces, and tinged with Tutia, or Calaminaris; as is known to the experienced.



Descension

CHAP. VI

Of the Solutory, of Dissolving Furnace.

The Dissolutory, or Dissolving Furnace, Is made with a Pan full of Water, with Iron Instruments, in which other Instruments are Artificially retained, that they Fall not: these are the Vessels, in which every Dissolution is made. And this is the Form of the Furnace, and Vessels.



Coagulation

CHAP. VII

Of the Fixatory, Furnace, or Athanor.

The Fixatory Furnace must be made after the manner of the Furnace of Calcination; and in it must be set a deep Pan full of sifted Ashes. But the Vessel, with the Matter to be fixed, being first firmly sealed, must be placed in the midst of the Ashes, so that the thickness of the Ashes underneath, and above in the Circuit of the Vessel, may be answering to the thickness of four Fingers; or according to that, which you desire to fix: because in fixing one, a greater Fire is required, than in fixing another. By this Furnace, and by this Way the Ancient Philosophers attained to the Work of the Magistry; which, Men truly Philosophizing, is known to be sufficiently demonstrated in Our Books; and by those especially, who are true Searchers of Verity. This is the Figure of the Athanor. Yet if any One can more ingeniously invent the like, let not Our Invention retard him from so doing.

The Second Part of this Book, Of Things to be prepared.

CHAP. VIII

Of the Preparations of Middle-Mineral Spirits, and Allomes.

In this Chapter I will declare the Preparations of Spirits, and first of Mercury: which if you would perfectly sublime, you must add to every pound of it two pounds and an half of Common Salt, and half a pound of Salt-peter. Mortifie the Mercury wholly, grinding all together with Vinegar, until nothing of the Mercury appear living in the Mixture; and sublime it, as you know: because it is profitable.

Red Mercury is thus sublimed, viz. One pound of it is mixed, and perfectly well ground together, with one pound of Salt-peter, and one pound of Vitriol, and from them it is sublimed Red and Splendid. But Arsnick is sublimed thus, viz. From one pound of the Filings of Venus, half a pound of Common Salt, and one quarter of a pound of Allom calcined. First mortifie these with Vinegar, stirring them over a Fire, until the whole be blackned; and again, imbibe and dry, stirring as before; and do this the third time: then sublime the Azymum [or white matter] and it is profitable.

Sulphur boiled in a Lixivium and dried, is sublimed with the same Feces, as Arsnick; except that, instead of the Filings of Venus, into the aforesaid Vessel is put Filings of Mars, or the Scales thereof beaten to Powder. Salammoniac is sublimed from Common Salt, &c. Tutia and Marchasite are sublimed, as is declared in Our Summe of Perfection. But Salts, Allomes, Boraxes, and Vitriols, are prepared as We have sufficiently Writ in Our Book of Investigation.

CHAP. IX

Of the Calcination of Jupiter and Saturn.

Jupiter is specially calcined thus: Let a great Test (or calcining Pan) be placed in a Furnace, and Tin put into it, with as much of Common Salt prepared, and Roch Allom calcined. When the Metal is in flux, let it be always stirred with an Iron Spatula full of Holes, until the whole be turned to Ashes: which first Sift, and then set them in Fire again, keeping them constantly Fire-hot, until they be very well whitened; then keep the same for use.

Saturn is calcined after the same manner as Jupiter; but its Calx must be rubified, as Minium, and so kept.

CHAP. X

Of the Calcination of Venus and Mars.

Venus is thus calcined: In the aforesaid Furnace is put either the Filings of Copper, or it by it self, or with Arsnick pulverized, or with Sulphur, being anointed with Common Oyl, and so it is calcined in three or four Days, with most strong Fire. Strike what is calcined, that it may fall off from the Plates, which again

calcine: also, when the Calcinate is beaten, re-calcine it, until it be very well rubified; and so keep it.

Mars being filed is calcined in the aforesaid Furnace, until tis very well rubified, and become a Powder impalpable, without touch. And it is called Crocus Martis.

CHAP. XI

Of the Calcination of middle Minerals.

All Atraments, Salts, Allomes, and the kinds of Tutia, are calcined in the said Calcinary Furnace, with Tartar and other Things; with Fire moderate or strong, according to the Exigency of Things to be calcined; as is evident in Our Book, Of the Investigation of the Perfect Magistry; but all Bodies are calcined, as in Our Testament.

CHAP. XII

Of the Ablutions of the Calxes of Combust Bodies.

The Ablution of all Bodies combust and calcined, is thus made: First you must have a large Earthen Vessel, full of hot sweet Water. With this wash any Calx of a Body calcined, stirring it often, that all the Salt and Allom may be dissolved; then when it hath settled, evacuate the Water warily, that none of the Body pass out with the Lotion. Put the Calcinate again into Hot Water, and repeat the Labour, as before, until it be perfectly well washed; then keep it.

CHAP. XIII

Of the Incerations of Calxes washed.

Incerations of Calxes washed, are thus made: Dry the washed Calx; afterwards dissolve in distilled Vinegar lib. 2. Of Common Salt, Roch Allom, Salt Gemme, of each two Ounces. With this Water imbibe Four Ounces of the aforesaid washed, and dried Calx, until it hath drunk in all the said Water, then dry it, and reserve the same for use.

CHAP. XIV

Of the Reduction of Calxes into a Solid Mass.

Reduction of that washed and incerated Calx, is thus made: Wash the incerated Calx with distilled Urine, until you have extracted all the Salts and Allomes, with the Filth of the calcined Body; which, being dried, imbibe with Oyl of Tartar, in

which dissolve to one pound of the Oyl, Two Ounces of Sallammoniac, and One Ounce of Salt-peter. But of the Calx there must be Four Pound; and such Imbibition must be made at several times, drying and imbibing. Then lastly dry it, and cause it to descend in a great Descensory, and reduce into a solid Mass, the Body purged from Combustible Sulphureity, by virtue of the Fire calcining; and from foul Terrestreity, which in Reduction retain with themselves the Feculency of the Earth; the Body being purified from accidental Impurities, which had access to it in its Minera. But its Foulness innate in the Radix of its Generation, must be palliated (or illustrated) with a Medicine, the greater part of which contains in it self the substance of Argentvive, according to the Exigency of Art, as is by Us often demonstrated in Our Summe of Perfection.

CHAP. XV

Of the Solutions of Bodies prepared, and of certain Conjunctions of them, with certain Proportion, that they may appear with better Brightness after their Reduction.

Bodies are twofoldly reduced to Perfection, either by the way of Preparation, and by Commixtion of Perfect Bodies with the Imperfect; or by Medicine prepared for the purpose. But here We shall declare, why the Perfect perfects the Imperfect; and also, that the imperfect is reduced to Perfection, with Preparations by Us generally demonstrated: and these Preparations in this Chapter We purpose sufficiently, and in a more special manner to treat of.

First We declare, that the Body cleansed (as is aforesaid) by the way of Calcination and Reduction, must either be filed, or divided into small Graines, as is known: For after Fusion, it is by us poured out upon a Table bored full of small Holes, over cold Water; the Water being strongly stirred while this is doing. This is Our way of Granulating. This Granulate Body dissolve in Our Dissolutive Water, which is made of Salt-peter and Vitriol as to the one half thereof; or dissolve Filings of the same Body into a Limpid Water; then add to it of Ferment prepared, to a third part of its own weight: Extract the Water, and revert it; this do seven times. After it is reduced into Body, prove it by its Examen, and you will rejoice in this, that you have generated.

But because We have treated of the perfect Administration of Imperfect Bodies, We will now give the special, true, and certain Rules of every Body: and beginning first with Jupiter, We say, After you have prepared Jupiter, and reduced it, dissolve the same in the Acuity of Waters, and to nine parts of this (dissolved as We said) adjoyn one part of Talk calcined and dissolved, mixing the clear Waters. This Water rectifie by Alembek, seven times extracting and reverting. After the last Rectification is made, give to it of the Water of Salt-peter, imbibing and drying, and reduce it into a clean Body, sustaining Ignition, and the Cineritum. For if you conjoyn Argentvive, precipitated and dissolved, as We said, after Reduction you will find a noble Body, under the afore-mentioned Proportion.

The Regimen of Saturn is compleated, it being prepared and dissolved, with a third part of its red Ferment also dissolved; which being prepared as before, you will rejoyce to find it so fair a Body.

We, more specially handling the Regimen of Venus, have declared, that you ought seven times, or oftner, to rectifie it, when prepared and dissolved; distilling off the Water, and reverting it thereon, each time. Which being coagulate, thence make a most noble Greenness with Salammoniac dissolved in distilled Vinegar. That Greenness rubifie in a Vessel of Mars, and again dissolve it; to which Solution adjoyn a third part of prepared and dissolved Luna; afterward extracting and reverting the Water of Ferment seven times. Then reduce this into Body, and you will rejoyce.

The Regimen of Mars is as of Venus, but by reason of its very great Foulness, you can expect no good from it.

The Regimen of Luna is thus: Dissolve and coagulate it seven times, or at least four times. And to it dissolved, adjoyn the fixed rubifying Waters, which We have declared, and you will find the Body aptly Solar: for it agrees with Sol, and remains quietly with it. In this, Venus, admirably well purged and dissolved, may be a great help to you; because a most clean, tinging, and fixed Sulphur may be extracted from it. And I tell you, that Mercury purified and fixed, hath power to palliate (or illustrate) the Foulness of Imperfect Bodies; and fixed Sulphur extracted pure from Bodies, to colour them with Splendor. Hence you may collect a great Secret, viz. That Mercury and Sulphur may be extracted, as well from imperfect Bodies duely prepared, as from the perfect. For purified Spirits, and middle Minerals, are an Help, and very peculiar, for deducing the Work to Perfection.

The Third Part, Of Bodies to be perfected, and of Alterative Medicines

CHAP. XVI

Of the way of Perfecting, according to the Third Order.

Having above sufficiently treated of all the ways of perfecting Imperfect Bodies, in the Second Order, We must now pass on to the Bounds of the Third Order. But what the Medicines are, and of what kind, both of the second and third Order, is plainly enough demonstrated in Our Book of the Perfect Magistry; where we have with a competent and true Demonstration, shewed, that our Stone is procreated of the Substance of Argentvive: and this We did sufficiently, as in a speculative Theoretical Book. Therefore We intend here manifestly to unlock the Closure of Art, and it is thus: You must study to resolve Luna, or Sol, into its own Dry Water, which the Vulgar call Mercury: and this so, as a Duodenary Proportion (of the Solutive Water) may contain only a part of the perfect Body. For if with gentle Fire, you well govern these, you will find (in the space of forty

Days) that Body converted into meer Water. And the sign of its perfect Dissolution, is Blackness appearing on its Superficies.

But if you endeavour to perfect both Works, the White, and the Red, dissolve each of the Ferments by it self, and keep it. This is Our Argentvive extracted from Argentvive, which We intend for Ferment. But the Paste to be fermented, We extract, in the usual manner, from imperfect Bodies. And of this We give you a general Rule; which is, that the White Paste is extracted from Jupiter, and Saturn; but the Red from Venus and Saturn. Yet every Body must be dissolved by it self in the Ferment.

CHAP. XVII

Of the Regimen of Jupiter and Saturn.

Because We intend in this Chapter to demonstrate the Regiment of Jupiter and Saturn; We first signifie, that this Chapter is for the White, and the way is thus: R lib. 1. of most clean Tin, and melt it, to which being in Flux, add twelve pounds of well cleansed Mercury, stirring the whole, that they may be mixed. This Mixture put into a Phial having a Neck of a foot in length; which Phial place in an Athanor, and likewise another Phial with Saturn so prepared; administring a gentle Fire to them for a Week. In which time you will have a Paste dissolved, fit to be fermented with the White Ferment, according to the Proportion, which We shall here following shew. Let there be four parts of the Paste of Jupiter, three parts of Saturn, and one part of the White Ferment. These, being dissolved, as We said, must be mixed through their least parts, and set in Putrefaction (after the manner of Our Dissolution of moderate Fire) for seven Days: this time expired, let them be taken out, well mixed, and their more liquid Parts expressed through a Cloth. What remains thick, put into a well sealed Glass, which place in the Athanor, as before, for the time aforesaid; and so do thrice, until it hath imbibed all the Humidity. Then put your Vessel with its Matter, in the Furnace of Fixation for twelve Days; which being expired, take it out, and reduce it with Things reducing. And you will find that, which our Ancestors found not without very great Study, viz. The Generate generating. The same you may joyn with Lead in the Cineritium, and you will find the Body perfect in Whiteness, perpetually generating its like. The Exposition of which, together with what We have Written thereof, I (with all my Ancestors) leave to my Successors.

CHAP. XVIII

Of the Regimen of Venus and Saturn.

Of the Paste of Venus let there be three pounds, of Saturn two, and of Ferment one. Of these perfectly dissolved, make Commixtion through their least Parts, which keep in Heat, as in the White is said. Extract the Water, and what remains

in the Cloth, put into a well sealed Glass, for three Weeks. Then take it out, and render to it a third part of its own reserved Water, and coct, as in the precedent Chapter; and this do thrice. But when it hath imbibed all its Water, put it in its proper Vessel and Furnace to be fixed. When fixed, with Things reducing, reduce it into Body ready to be augmented and tinged.

CHAP. XIX

Of the Regimen of Mars.

Seeing the Solution of Mars is found very difficult, We shall in the End of this Book, treat of many Ways, and also set down diverse other Experiments made by us. Therefore, of the Paste of Mars let there be lib. 2. of Venus lib 4, and of Saturn also lib. 4. Mix these without Ferment, and coct the Mixture for seven Days, and you will find the whole Dry. Fix it, and put it, together with half its weight of Lithargiry beaten to Powder, into a Reductory, and you will find a Mineral Body very profitable, if you be wise, of which We have often made mention.

CHAP. XX

Of the Regimen of Luna.

The Regimen of Luna is the reducing it from its Minera, to a more noble State: and this is thus done: Dissolve Luna, and of it take lib. 3, of Venus dissolved, lib. 4, of Ferment dissolved lib. 1. Conjoyn the Waters, coct them for seven Days with gentle Fire in a sealed Glass, as in Mars, with their whole Water; then augment the Fire leisurely for other seven Days, and let it be as Fire of Sublimation. But for other seven Days give it Fire somewhat more strong, that the whole Water may be fixed with it. This Powder reduce in a small Quantity: and if it retain with it self part of the Mercury (which you will easily perceive, if you know how to calcine) it is well indeed; but if not, again put it to be fixed, until it be sufficiently fixt. This must be reduced with Red reducing Things; and then you will find your Luna coloured, transmuted and fixed, which highly esteem. For if you well Study in Our Volumes, you will find by Our Consideration, upon what Subjects, the true Searcher ought to ground his Action.

CHAP. XXI

Of the Regimen of Mercury.

The Regimen of Mercury is compleated two ways, First, You must amalgamate it, well washed and purified, in the certain Proportion by Us under-written. In the second way, you must distill it, and thence make an Aquavita. For the first Way the Proportion is this: Of Mercury 48 ounces, of Sol 1 ounce; of Luna 1 ounce, of

Venus 1 ounce, and of Saturn 1 ounce. Melt these Bodies; first the Venus and Luna; secondly, the Sol, thirdly, Saturn. Take all out of the Fire, having melted them in a large Crucible, and your Mercury in readiness made hot in another; and when the said Metals begin to harden, pour in the Mercury leisurely, stirring the Mixture with a Stick, setting it again on the Fire, and taking it off, until they be all amalgamated with the whole Mercury. This Amalgama, put to be dissolved for seven Dayes, extract the Water with a Cloth, make the Residue volatile, administring Fire of Ignition. This again imbibe with its whole Water, and put it to be generated; and again to be dried for forty Dayes, and you will find a Stone; which put to be fixed, and you will have a Stone augmentable to Infinity. Therefore keep this Book, even from thy own Son; because it expounds all Things, which We have Written in divers Books.

CHAP. XXII

Of the Ferment of Luna, for the White.

The Ferment of Luna for the White is made, when Luna is dissolved in its own Corrosive Water, and this Water boiled away to a third part, and that exposed to the Air, or set in B. M. or in Dung, for certain Dayes. For then it will be Oyl of Luna, and Ferment, which keep for the White.

CHAP. XXIII

Of the Ferment of Sol, for the Red.

The Ferment of Sol is made, when Gold is dissolved in its own Water, and decocted and prepared according to the aforesaid Chapter of the Ferment of Luna. For so, it will be the Ferment of Sol, for the Red, which keep.

CHAP. XXIV

Of Ferment of Ferment upon Mercury, as well for the White, as for the Red.

The Composition of Our Medicine, which is called Ferment of Ferment upon Mercury, is made for the White, after this manner: Take the Ferment of Luna, which is its Oyl, and add to it twice so much of Arsnick sublimed and dissolved in Water; then to both these add of Mercury dissolved, as much as of the Arsnick. Mix the Waters, and set them over a Fire for one Day to be incorporated. Afterward, extract the Water by Alembek, and revert it; this do fifteen times, so incerating, and it will be fluid, as fusible Wax. Then add to it as much Virgins Wax melted, commix them, and project the Mixture upon Mercury washed, according as shall seem expedient to you. For that resolved is augmented in vertue and weight.

But if this Ferment of Ferment be made for the Red: Dissolve Sol in its own Water (all the Compositions of those Waters, and of other Things, are sufficiently treated of in Our Book, Of the invention of Perfection; wherefore We have here omitted them) to one part of that Gold dissolved, add two parts of Sulphur dissolved in the same Water together with it, and three parts of Mercury dissolved. Let all these be truly dissolved into most clear Waters, which being mixt coct for one Day, that they may be fermented; then extract the Water fifteen times, each time reverting it. Incerate with yellow Virgins Wax; that is, with half its weight of Oyl of Blood, or Oyl of Eggs: then project upon crude Mercury, according as shall seem expedient to you.

Here note, that if you perfect this Medicine, according to the Method We have taught (in the Third Order of Our Our Sum of Perfection) of the Congelative Medicine of Mercury, you will find by Reiteration of the Work, and by Subtiliation thereof that one Part tingeth infinite Parts of Mercury into most high Sol, more noble than any natural Gold.

CHAP. XXV

A Recapitulation of the Experiments of the Author.

For as much as I intended in this Volume to declare all dubious Things, I will conclude my Book with all the true Experiments, which have been proved and tryed by me. By these true Operations, the new Searcher may perceive the Verity, or Falsity of divers Sophistical Receipts, and so not spend his time unprofitably; and likewise discern what is good, in the Receipts of false Operators. And first of Spirits only, and afterwards consequently of others, as well of Bodies, as of Spirits, with their Methods We intend to speak. But this Chapter is divided into two Parts: First We declare the Experiences of the Ancients proved by Us: Secondly, the Rectifications of them all. Yet, as We have begun, We must first insist upon those Works which are of Whiteness.

A good Dealbation Rx of Realgar 3 1, of Argentvive sublimed, 3 3, if of Tartar calcined, 3 1. grind and incorporate; and put them in a Phial with a Neck of a foot in length, and its orifice so wide, as two Fingers may enter: let it be luted, and set over a Fire, covered with a Cloth. First make a gentle Fire for a quarter of an hour, afterward augment the Fire underneath, and round about, until the Furnace be very hot with Ignition. When all is cold, break the Vessel and take out what you find Metalline; and make of this a great Quantity. For I will now shew you the way, how this Medicine may be profitably rectified.

An Artificial Dealbation, Upon Tutia, sublime one part of sublimate Mercury, and two parts of Arsnick sublimed, until it shall have Ingress. This clearly, and very speciously whitens Venus.

Another Dealbation, Imbibe three parts of Mercury sublimed, and two parts of Arsnick sublimed, with Lithargiry dissolved, until they become eight parts. To these eight adjoyn other eight parts of Arsnick sublimed; grind them together, and flux them with Oyl of Tartar, and you will whiten prepared Venus, at pleasure.

Also another, Grind Metalline Arsnick, with as much of the Calx of Luna, and imbibe the Mixture with the Water of Salammoniac, and dry and grind; afterward dissolve Salt of Tartar in the Water of Salt-peter, with which Oyl imbibe the Medicine, dry it. Repeat this thrice, incerating and drying, and you will rejoyce for this, which We have now related.

Another of Ours, imbibe Jupiter calcined, washed and dried, so often with Metalline Arsnick, with half so much of sublimed Mercury, as until it flows, and enters Venus: for it whitens the same (if first prepared) splendidly.

Also, upon Tutia calcined, dissolved and coagulated, sublime white Arsnick (so that of the Arsnick be three parts, but of the Tutia one part) reiterating the Sublimation upon it four times; for it hath ingress: with them adjoyn half as much as the whole is, of Sublimate Mercury; grinding and incerating four times with the Water of Salammoniac, Peter, and Tartar, of each alike. With this, when coagulated, cement prepared Plates of Venus, and melt, and you will have a very beautiful Thing.

Also Another, Grind Venus calcined and incerated; to this add Arsnick sublimed, and half a part of Mercury sublimed; with which being well ground and mixed, adjoyn a little of the Water of Ammoniac, incerating upon a Marble; afterward dry and sublime. Revert the Sublimate upon the Feces, again imbibing, and so do thrice: the fourth time imbibe with the Water of Peter, and sublime what can be sublimed. Reiterate this Labour, until it remain fluid in the Bottom. This, in Copper prepared, will be resplendent with Brightness.

Also, Upon the prepared Calx of Venus, so often sublime Sublimate Arsnick, as until some part of the Arsnick remain with it in the Asperity of Fire. That, imbibed with the Water of Peter, and lastly incerated with the Water of Luna; and Mercury precipitate, and in the end with Oyl of Tartar rectified, until it flows, wonderfully whitens Venus and enters the second Order, if you have wisely walked in the Valleys of this Art. For I have elsewhere said, that if you obtain any part of Mercury precipitated, in the Mixture, you will walk more splendidly; especially, if the White Ferment, dissolved with the Mercury dissolved, after a certain Fixation of it, be adjoyned by the Medium of inceration, you will find, that you have walked nigh the way it self.

But, because We have proved, that Jupiter, howsoever prepared, in the whole first Order, is totally unprofitable, what Magistry soever is followed in its Preparation; also Saturn and Mars; therefore, in Our Sum of Perfection, We

assigned to it a Medicine of the Third Order; because there, it is most excellently adorned, as is often proved in Our said Sum of Perfection, and We have now proved and experienced de facto, infinite wayes, Yet We have Written more apt Things, touching the Dealbation of Venus.

CHAP. XXVI

Mercurial Sports.

Now I begin to speak of Mercurial Playes (or Sports) make a Cement of Lithargiry of Silver, and Salt Alkaly of Zoza (or Soda) put the Cement first into a Crucible the Thickness of one Finger, upon that put a Globe of the Amalgamation of Mercury, and Luna, and put on the remainder of the Cement, that the Globe may be in the midst of the Cement. Dry, Lute, and set the Crucible in a gentle Fire for half a Day, leisurely augmenting the Fire; and so continue its leisurely Increase, from the Evening, unto the Dawning of the Day, with moderate Ignition at last. Then take it out, prove it by Cineritium, and it will be Luna in weight, and Surdity, and much better in Fixation.

Also, Amalgamate Luna with Mercury, to which adjoyn as much of Saturn, as there is of the Luna. Put it into such a Crucible, as that three fourths of it may be empty, pour on it Oyl of Sulphur, and coct it unto Consumption of the Oyl: afterwards keep it for two Hours in a moderate Fire, and there will be generated a Stone Black, with a little Redness. This Stone prove by Cineritiurn, and you will find your Luna augmented in Weight, Surdity, and Fixation.

Also another, worthy to be thought on, Grind Luna amalgamated with Mercury, with twice so much Metalline Arsnick; to which adjoyn a ten-fold Proportion of Amalgamated Venus, viz, of Luna (I suppose Venus) and Arsnick. Grind the whole, and fix, and reduce into Body, and it shall be well with you.

CHAP. XXVII

Of the Citrination, or Colouring of Luna.

Having guided you to the Knowledge of those Dealbations with the Magistry, We now come to speak of the Citrination of Luna more specially, than We did in Our Sum of Perfection. Dissolve Our Philosophick Zyniar, deduced from Venus prepared, in the Water of the Dissolution of Luna; to which adjoyn half so much, as it self is, of Mercury rubified by Sublimation, and in some sort fixed, and dissolved, as the Zyniar it self is: from which, fermented for one day, extract the Water by Distillation, and revert it; do this ten times. In the end coagulate, and reduce into Body, and you will rejoyce for this Invention.

Otherwise, Dissolve Zyniar and our Crocus prepared with the Sublimation of Mercury, until it wax Red; adjoyn as much Salammoniac, and sublime it thrice from that Crocus, which dissolve. The Crocus and Zyniar must be equal, to which adjoyn as much of Luna dissolved, as there is of both. Do as you did in the precedent, incerating and reducing: for it is easie.

Also, We will shew you another way more easie; Rx of Crocus and Zyniar dissolved, of each a like Quantity, adjoyn to them as much Gold dissolved. Incerate as before, in the End coagulate, and give to the Coagulate a fourth part of its own weight of the Oyl of Salt-peter; and project upon so much Luna, and it will be a Tincture with a Citrine Aspect.

Otherwise and best, Make a Water of Our Zyniar, and of Our said Crocus, and imbibe the Calxes of Sol and Luna (equal parts) therewith, until they have drunk in their own weight of it. In the end, incerate with the Oyl of Ammoniac, and Peter, and reduce into a noble Body.

Also, Sublime Ammoniac from our Greenness, to which then adjoyn Crocus and Zyniar; from which well commixed sublime the Ammoniac extracted from the aforesaid, twice or thrice: and in the End dissolve the whole, to which add a third part of Gold dissolved. Incerate as before, and congeal; then project upon Sol and Luna, so that of Luna there be two parts, and of Sol one; and it will be good.

FINIS