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ancient Greek, and in good Latin of the School, and in Spanish, these words: “Land ye not, none of you; and provide to be gone from this coast within sixteen days, except you have further time given you. Meanwhile, if you want fresh water, or victual, or help for your sick, or that your ship needeth repair, write down your wants, and you shall have that which belongeth to mercy.” This scroll was signed with a stamp of cherubs’ wings, not spread but hanging downwards, and by them a cross.

This being delivered, the officer returned, and left only a servant with us to receive our answer. Consulting among ourselves, we were much perplexed. The denial of landing and hasty warning us away troubled us much. On the other side, to find that the people had languages and were so full of humanity, did comfort us not a little. And above all, the sign of the cross to that instrument was to us a great rejoicing, and as it were a certain prediction of good. Our answer was in the Spanish tongue, that for our ship, it was well, for we had rather met with calm and contrary winds than any tempests. For our sick, they were many, and some very ill, so that if they were not permitted to land, they ran danger of their lives. Our other wants we set down in particular, adding that we had some little store of merchandise, which if it pleased them to deal for, it might supply our wants without being chargeable to them. We offered some reward in pistoles [coinc] to the servant, and a piece of crimson velvet to be presented to the officer. But the servant took them not, nor would he scarce look upon them, and so left us, and went back in another little boat which was sent for him.

About three hours after we had dispatched our answer, there came towards us a person (as it seemed) of place. He had on him a gown with wide sleeves, of a kind of water chamois, of an excellent azure color, far more glossy than ours; his under apparel was green, and so was his hat, being in the form of a turban daintily made and not so huge as the Turkish turbans, and the locks of his hair came down below the brims of it. A reverend man was he to behold. He came in a boat, girt in some part of it, with four other persons, and was followed by another boat with twenty persons in it. When he was within a flight-shot of our ship, signs were made to us that we should send forth some to meet him upon the water, which we presently did in our ship’s boat, sending the principal man among us save one, and four of our number with him. When we were within six yards of their boat, they called us to stop, and not to approach further, which we did.

And thereupon the man whom I before described stood up and with a loud voice in Spanish asked, “Are ye Christians?” We answered we were, fearing the less, because of the cross we had seen in the subscription. At which answer the said person lifted up his right hand towards heaven and drew it softly to his mouth (which is the gesture they use when they thank God), and then said: “If ye will swear (all of you) by the merits of the Savior that ye are not pirates, nor have shed blood lawfully nor unlawfully within forty days past, you may have license to come on land.” We said we were all ready to take that oath. Whereupon one of those that were with him, being (as it seemed) a notary, made an entry of this act. This done, another of the attendants of the great person, who was with him in the same boat, after his lord had spoken a little to him, said aloud: “My lord would have you know that it is not of pride or greatness that he comes not aboard your ship; but for that in your answer you declare that you have many sick amongst you. He was warned by the Conservator of Health of the city that he should keep a distance.”

We bowed ourselves towards him and answered that we were his humble servants, and accounted it a great honor and singular humanity towards us that was already done; and hoped that the nature of the sickness of our men was not infectious. So he returned, and a while after a notary boarded our ship, holding in his hand a fruit of that country, like an orange, but of color between orange–tawny and scarlet, which cast a most excellent odor. He used it (as it seemed) for a preservative against infection. He gave us our oath: “by the name of Jesus and his merits,” and after told us that the next day by six o’clock in the morning we should be sent for and brought to the Strangers’ House (so he called it) where we should be accommodated of things both for our whole and for our sick. So he left us, and when we offered him some pistoles, he smiling said that he must not be “twice paid for one labor,” meaning (as I take it) that he had salary sufficient from the state for his service. For (as I after learned) they call an officer that takes rewards, “twice paid.”

The next morning early, there came to us the same officer that came to us at first with his cane, and told us he came to conduct us to the Strangers’ House, and that he had arrived early in order that we might have the whole day before us for our business. “For,” he said, “if you will follow my advice, there shall first go with me some few of you, and see the place, and how it may be made convenient for you; and then you may send for your sick, and the rest of your number which we will bring on land.” We thanked him and said that this care which he took of desolate strangers God would reward. And so six of us went on land with him. And when we were on land, he went before us, and turned to us, and said he was but our servant, and our guide. He led us through three fair streets, and all the way we went there were gathered some people on both sides standing in a row, but in so civil a fashion, as if it had been not to wonder at us but to welcome us. And diverse of them, as we passed by them, put their arms a little abroad, which is their gesture when they bid any welcome.
The Strangers' House is a fair and spacious house, built of brick of a somewhat bluer color than our brick, and with handsome windows, some of glass, some of a kind of cambric oiled. He brought us first into a fair parlor above stairs, and then asked us what number of persons we were, and how many were sick. We answered, we were in all (sick and whole) one and fifty persons, whereof our sick were seventeen. He desired us to have patience and to stay till he came back to us, which was about an hour after. And then he led us to see the chambers which were provided for us, being in number nineteen, they having cast it (as it seemed) that four of those chambers, which were better than the rest, might receive four of the principal men of our company, and lodge them alone by themselves, and the other fifteen chambers were to lodge us two and two together. The chambers were handsome and cheerful, and furnished civilly. Then he led us to a long gallery, like a dormitory, where he showed us all along the side (for the other side was wall and window) seventeen cells, very neat ones, having partitions of cedar wood. Which gallery and cells, being in all forty, many more than we needed, were instituted as an infirmary for sick persons. And he told us that as any of our sick became well, he might be removed from his cell to a chamber, for which purpose there were set forth ten spare chambers, besides the number we spoke of before.

This done, he brought us back to the parlor and lifting up his cane a little (as they do when they give any charge or command), said to us, "Ye are to know that the custom of the law requireth that after this day and tomorrow, which we give you for removing your people from your ship, you are to keep within doors for three days. But let it not trouble you, nor do not think yourselves restrained, but rather left to your rest and ease. You shall want nothing, and there are six of our people appointed to attend you for any business you may have abroad." We gave him thanks with all affection and respect, and said, "God surely is manifest in this land." We offered him also twenty pistoleos, but he smiled, and only said, "What! twice paid!" And so he left us.

Soon after, our dinner was served, which was right good, both for bread and meat, better than any collegiate diet that I have known in Europe. We had also drink of three sorts, all wholesome and good: wine of the grape, a drink of grain, such as is with us our ale but more clear, and a kind of cider made of a fruit of that country, a wonderfully pleasing and refreshing drink. Besides, there were brought in to us great store of those scarlet oranges for our sick, which (they said) were an assured remedy for sickness taken at sea. There was given us also a box of small gray or whitish pills, which they wished our sick should take, one of the pills every night before sleep, which (they said) would hasten their recovery.

The next day, after our trouble of removing our men and goods out of our ship was somewhat settled and quiet, I thought good to call our company together; and when they were assembled said unto them: "My dear friends, let us know ourselves, and how it stands with us. We are men cast on land, as Jonas was out of the whale's belly, when we were buried in the deep, and now we are on land, we are but between death and life for we are beyond both the old world and the new, and whether ever we shall see Europe, God only knows. It is a kind of miracle has brought us here, and it must be little less that shall bring us hence. Therefore, in regard of our deliverance past, and our danger present and to come, let us look up to God, and every man reform his own ways. Besides, we are come here among a Christian people, full of piety and humanity. Let us not bring that confusion of face upon ourselves, as to show our vices or unworthiness before them. Yet there is more. For they have by commandment (though in form of courtesy) cloistered us within these walls for three days. Who knows whether it be not to take some taste of our manners and conditions? And if they find them bad, to banish us straightway; if good, to give us further time. For these men that they have given us for attendance may withal have an eye upon us. Therefore, for God's love, and as we love the well-being of our souls and bodies, let us so behave ourselves as we may be at peace with God, and may find grace in the eyes of this people." Our company, with one voice, thanked me for my good admonition and promised me to live soberly and civilly, and without giving any the least occasion of offense. So we spent our three days joyfully and without care, in expectation what would be done with us when they were expired. During which time, we had every hour joy of the amendment of our sick, who thought themselves cast into some divine pool of healing they mended so kindly and so fast.

The morrow after their three days were past, there came to us a new man that we had not seen before, clothed in blue as the former was, save that his turban was white with a small red cross on the top. He had also a cape of fine linen. At his coming in, he did bend to us a little, and put his arms abroad. We of our parts saluted him in a very lowly and submissive manner, thinking that from him we should receive sentence of life or death. He desired to speak with some few of us; whereupon six of us only stayed, and the rest left the room. He said, "I am by office governor of this House of Strangers, and by vocation am a Christian priest and, therefore, am come to you to offer you my service, both as strangers and chiefly as Christians. Some things I may tell you, which I think you will not be unwilling to hear. The state has given you license to stay on land for the space of six weeks. And let it not trouble you if your occasions ask further time, for the law in this point is not precise and I do not doubt but myself
shall be able to obtain for you such further time as may be convenient. Ye shall also understand that the Strangers' House is at this time rich, for it has laid up revenue these thirty-seven years, for so long it is since any stranger arrived in this part. And, therefore, take ye no care, the state will defray you all the time you stay, neither shall you stay one day the less for that. As for any merchandise ye have brought, ye shall be well used, and have your return either in merchandise or in gold and silver, for to us it is all one. And if you have any other request to make, hide it not. For ye shall find we will not make your countenance to fall by the answer ye shall receive. Only this I must tell you, that none of you must go above a kargn" (this is with them a mile and a half) "from the walls of the city, without especial leave."

We answered, after we had looked awhile at each other, admiring this gracious and parent-like usage, that we could not tell what to say, for we wanted words to express our thanks; and his noble free offers left us nothing to ask. It seemed to us that we have before us a picture of our salvation in heaven, for we that were awhile since in the jaws of death, were now brought into a place where we found nothing but consolations. For the commandment laid upon us, we would not fail to obey it, though it was impossible but our hearts should be inflamed to tread further upon this happy and holy ground. We added that our tongues should first cleave to the roofs of our mouths ere we should forget either his reverent person or this whole nation in our prayers. We also most humbly sought him to accept us as his true servants, by as just a right as ever men on earth were bound, laying and presenting both our persons and all we had at his feet. He said that he was a priest, and looked for a priest's reward, which was our brotherly love, and the good of our souls and bodies. So he went from us, not without tears of tenderness in his eyes, and left us also confused with joy and kindness, saying among ourselves that we were come into a land of angels, which did appear to us daily and provide us with comforts, which we thought not of, much less expected.

The next day, about ten of the clock, the governor came to us again, and after salutations said familiarly that he was come to visit us, and called for a chair, and sat down. And we, being some ten of us (the rest were of the meaner sort, or else gone abroad) sat down with him. And when we were set, he began thus. "We of this island of Bensalpen" (for so they call it in their language) "have this, that by means of our solitary situation, and of the laws of secrecy which we have for our travelers, and our rare admission of strangers, we know well most part of the habitable world, and are ourselves unknown. Therefore, because he that knows least is fittest to ask questions, it is more reasonable, for the entertainment of this time, that you ask me questions, than that I ask you." We answered that we humbly thanked him that he would give us leave so to do, and that we conceived by the taste we had already, that there was no worldly thing on earth more worthy to be known than the state of that happy land. But above all, we said, since we were met from the several ends of the world, and hoped assuredly that we should meet one day in the kingdom of heaven (for that we were both parts Christian) we desired to know (in respect that land was so remote and so divided by vast and unknown seas, from the land where our Savior walked on earth) who was the apostle of that nation and how it was converted to the Christian faith? It appeared in his face that he took great contentment in this our question. He said, "Ye knit my heart to you by asking this question in the first place, for it sheweth that you first seek the kingdom of heaven; and I shall gladly and briefly satisfy your demand.

"About twenty years after the ascension of our Savior, it came to pass that there was seen by the people of Renfusa (a city upon the eastern coast of our island) at night (the night was cloudy and calm), some mile into the sea, a great pillar of light, not sharp, but in the form of a column or cylinder, rising from the sea a great way towards heaven and on the top of it was seen a large cross of light, more bright and resplendent than the body of the pillar. Upon so strange a spectacle, the people of the city gathered together on the sands to wonder; and so after put themselves into a number of small boats, to go nearer to this marvelous sight. But when the boats were come within about sixty yards of the pillar, they found themselves all bound, and could go no further, yet so as they might move about, but might not approach nearer. So the boats stood all as in a theater, beholding this light as a heavenly sign. It so fell out that there was in one of the boats one of the wise men of the society of Solomon's House, which house or college (my good brethren) is the very eye of this kingdom, who having awhile attentively and devoutly viewed and contemplated this pillar and cross, fell down upon his face and then raised himself upon his knees, and lifting up his hands to heaven, made his prayers in this manner:

"Lord God of heaven and earth, thou hast vouchsafed of thy grace to those of our order, to know thy works of creation, and the secrets of them; and to discern (as far as appertaineth to the generations of men) between divine miracles, works of nature, works of art, and impostures and illusions of all sorts. I do here acknowledge and testify before this people that the thing which we now see before our eyes is thy Finger and a true Miracle; and inasmuch as we learn in our books that thou never workest miracles but to a divine and excellent end (for the laws of nature are thine own-laws, and thou exceedest them not but upon great cause), we most humbly beseech thee to prosper this great sign, and to give us
the interpretation and use of it in mercy; which thou dost in some part secretly promise by sending it unto us.'

"When he had made his prayer, he presently found the boat he was in movable and unbound, whereas all the rest remained still fast, and taking that for an assurance of permission to approach, he caused the boat to be softly and with silence rowed towards the pillar. But as he came near it, the pillar and cross of light broke up and cast itself abroad, as it were, into a firmament of many stars, which also vanished soon after, and there was nothing left to be seen but a small ark or chest of cedar, dry and not wet at all with water, though it swam. And in the fore-end of it, which was towards him, grew a small branch of palm. And when the wise man had taken it with all reverence into his boat, it opened of itself, and there was found in it a Book and a Letter, both written in fine parchment, and wrapped in ribbons of linen. The Book contained all the canonical books of the Old and New Testament, according as you have them (for we know well what your Churches have) and the Apocalypse itself, and some other books of the New Testament which were not at that time written, were nevertheless in the book. And for the Letter it was in these words:

"I, Bartholomew, a servant of the Highest, and Apostle of Jesus Christ, was warned by an angel that appeared to me in a vision of glory that I should commit this ark to the floods of the sea. Therefore, I do testify and declare unto that people where God shall ordain this ark to come to land, that in the same day is come unto them salvation and peace and good will from the Father and from the Lord Jesus.'

"There was also in both these writings, the Book as well as the Letter, wrought a great miracle, conforming to that of the Apostles in the original Gift of Tongues. For there being at that time in this land Hebrews, Persians, and Indians, besides the natives, every one read the Book and Letter as if they had been written in his own language. And thus was this land saved from infidelity (as the remnant of the old world was from water) by an ark, through the apostolic and miraculous evangelium of St. Bartholomew." And here he paused, and a messenger came and called him from us. So this was all that passed in that conference.

The next day, the same governor came again to us immediately after dinner, and excused himself saying that the day before he was called from us somewhat abruptly, but now he would make us amends and spend time with us, if we held his company and conference agreeable. We answered that we held it so agreeable and pleasing to us, as we forgot both dangers past and fears to come, for the time we heard him speak, and that we thought an hour spent with him was worth years of our former life. He bowed himself a little to us, and after we were set again, he said: "Well, the questions are on your part."

One of our number said, after a little pause, that there was a matter we were no less desirous to know, than fearful to ask, lest we might presume too far. But encouraged by his rare humanity towards us (that could scarce think ourselves strangers, being his vowed and professed servants), we would take the hardness to ask it: humbly beseeching him, if he thought it not fit to be answered, that he would pardon it, though he rejected it. We said that we well observed those his words, which he formerly spoke, that this happy island where we now stood was known to few, and yet knew most of the nations of the world, which we found to be true, considering they had the languages of Europe and knew much of our state and business, and yet we in Europe (notwithstanding all the remote discoveries and navigations of this last age) never heard any of the least inkling or glimpse of this island. This we found wonderfully strange, for that all nations have interknowledge one of another either by voyage into foreign parts, or by strangers that come to them. And though the traveler into a foreign country does commonly know more by the eye, than he that stays at home can by relation of the traveler, yet both ways suffice to make a mutual knowledge in some degree on both parts. But for this island, we never heard tell of any ship of theirs that had been seen to arrive upon any shore of Europe; no, nor of either the East or West Indies; nor yet of any ship of any other part of the world that had made return from them. And yet the marvel rested not in this. For the situation of it (as his lordship said) in the secret conclave of such a vast sea might cause it. But then that they should have knowledge of the languages, books, affairs, of those that lie such a distance from them, it was a thing we could not tell what to make of; for that it seemed to us a condition and propriety of divine powers and beings to be hidden and unseen to others and yet to have others open and as in a light to them.

At this speech the governor gave a gracious smile and said that we did well to ask pardon for this question, for it seemed to indicate that we thought this land a land of magicians, that sent forth spirits of the air into all parts to bring them news and intelligence of other countries. It was answered by us all, in all possible humbleness, but yet with a countenance showing knowledge that we knew that he spoke it but merrily, that we were apt enough to think there was somewhat supernatural in this island, but yet rather as angelical than magical. But to let his lordship know truly what it was that made us tender and doubtful to ask this question, it was not any such conceit, but because we remembered he had given a hint in his former speech that this land had laws of secrecy touching strangers. To this he said, "You remember it aright; and, therefore, in what I shall say to you I must reserve some particulars, which it is not lawful for me to reveal, but there will be enough left to give you satisfaction."
IV. New Atlantis

"You shall understand (that which perhaps you will scarce think credible) that about three thousand years ago, or somewhat more, the navigation of the world (especially for remote voyages) was greater than at this day. Do not think with yourselves that I know not how much it is increased with you within these six-score years. I know it well. And yet I say greater than now, whether it was, that the example of the ark, that saved the remnant of men from the universal deluge, gave men confidence to adventure upon the waters, or what it was, but such is the truth. The Phoenicians, and especially the Tyrians, had great fleets. So had the Carthaginians, which is yet further west. Toward the east, the shipping of Egypt and of Palestina was likewise great. China also, and the great Atlantis (that you call America), which have now but junks and canoes, abounded then in tall ships. This island (as appears by faithful registers of those times) had then fifteen hundred strong ships of great content. Of all this there is with you sparing memory; or none, but we have large knowledge thereof.

"At that time, this land was known and frequented by the ships and vessels of all the nations before named. And (as it came to pass) many times men of other countries, that were not sailors, came with them, as Persians, Chaldeans, Arabsians, so as almost all nations of might and fame resorted hither, of whom we have some families and little tribes with us to this day. And for our own ships, they made sundry voyages, as well to your Straights, which you call the Pillars of Hercules, as to other parts in the Atlantic and Mediterranean Seas, as to Paguan (which is the same with Cambelane [Beijing]) and Quinzy, upon the Oriental Seas, as far as to the borders of the East Tartar.

"At the same time, and an age after or more, the inhabitants of the great Atlantis did flourish. For though the narration and description which is made by a great man with you [Plato] that the descendents of Neptune planted there, and of the magnificent temple, palace, city, and hill, and the manifold streams of goodly navigable rivers (which, as so many chains, environed the same site and temple), and the several degrees of ascent whereby men did climb up to the same, as if it had been a ladder to heaven, be all poetical and fabulous, yet so much is true, that the said country of Atlantis, as well that of Peru, then called Coya, as that of Mexico, then named Tyrambel, were mighty and proud kingdoms in arms, shipping, and riches. So mighty, as at one time (or at least within the space of ten years) they both made two great expeditions. They of Tyrambel through the Atlantic to the Mediterranean Sea; and they of Coya through the South Sea upon this our island. And for the former of these, which was into Europe, the same author among you (as it seems) had some relation from the Egyptian priest whom he cites. For assuredly such a thing

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there was. But whether it were the ancient Athenians that had the glory of the repulse and resistance of those forces, I can say nothing. But certain it is, there never came back either ship or man from that voyage.

"Neither would the voyage of Coya to our island have had better fortune, if they had not met with enemies of greater clemency. For the king of this island (by name Altabin), a wise man and a great warrior, knowing well both his own strength and that of his enemies, handled the matter so as he cut off their land forces from their ships and entrapped both their navy and their camp with a greater power than theirs both by sea and land; and compelled them to surrender themselves without striking stroke. And after they were at his mercy, contending himself only with their oaths that they should no more bear arms against him, dismissed them all in safety. But the Divine Revenge overtook not long after those proud enterprises. For within less than the space of one hundred years, the great Atlantis was utterly lost and destroyed, not by a great earthquake as your man says (for that whole tract is little subject to earthquakes), but by a particular deluge or inundation; those countries having, at this day, far greater rivers and far higher mountains to pour down waters, than any part of the old world. But it is true that the same inundation was not deep, not past forty foot in most places from the ground, so that although it destroyed man and beast generally, yet some few wild inhabitants of the wood escaped. Birds also were saved by flying to the high trees and woods. As for men, although they had buildings in many places higher than the depth of the water, yet that inundation, though it were shallow, had a long continuance, whereby they of the vale that were not drowned, perished for want of food and other things necessary.

"So marvel you not at the thin population of America, nor at the rudeness and ignorance of the people, for you must account your inhabitants of America as a young people, younger a thousand years at least than the rest of the world, for that there was so much time between the universal flood and their particular inundation. For the poor remnant of human seed that remained in their mountains peopled the country again slowly, by little and little. And being simple and savage people (not like Noah and his sons, which was the chief family of the earth), they were not able to leave letters, arts, civility, to their posterity. And having likewise in their mountainous habitations been used (in respect of the extreme cold of those regions) to clothe themselves with the skins of tigers, bears, and great hairy goats that they have in those parts, when, after they came down into the valley and found the intolerable heats which are there and knew no means of lighter apparel, they were forced to begin the custom of going naked, which continues to this day. Only they take great pride and delight in the feathers of birds, and this also they took from their ancestors of the mountains, who
were invited to it by the infinite flights of birds that came up to the high
grounds, while the waters stood below. So you see, by this main accident
of time, we lost our traffic with the Americans, with whom of all others, in
regard they lay nearest to us, we had most commerce.

"As for the other parts of the world, it is most manifest that in the ages
following (whether it were in respect of wars, or by a natural revolution of
time), navigation did everywhere greatly decay, and especially far voyages
(the rather by the use of galleys and such vessels as could hardly brook the
ocean) were altogether left and omitted. So then, that part of communica-
tion which could come from other nations sailing to us has long since
ceased, except it were by some rare accident as this of yours. But now of
the cessation of that other part of intercourse, which might be by our sail-
ing to other nations, I must yield you some other cause. For I cannot say
(if I shall say truly), but our shipping, for number, strength, mariners,
pilots, and all things that appertain to navigation, is as great as ever. And,
therefore, why we should sit at home, I shall now give you an account, and
it will draw nearer to give you satisfaction to your principal question.

"There reigned in this island, about nineteen hundred years ago, a
King, whose memory of all others we most adore, not superstitiously but
as a divine instrument, though a mortal man. His name was Solomon,
and we esteem him as the lawgiver of our nation. This king had a large
heart, inscrutable for good, and was wholly bent to make his kingdom and
people happy. He, therefore, taking into consideration how sufficient and
substantive this land was to maintain itself without any aid at all of the for-
egnere; being five thousand six hundred miles in circuit, and of rare fertili-
ty of soil in the greatest part thereof; and finding also the shipping of this
country might be plentifully set on work, both by fishing and by transpor-
tation from port to port, and likewise by sailing unto some small islands
that are not far from us and are under the crown and laws of this state; and
recalling into his memory the happy and flourishing estate wherein this land
then was, so as it might be a thousand ways altered to the worse, but
scarce any one way to the better, thought nothing wanted to his noble and
heroic intentions, but only (as far as human foresight might reach) to give
perpetuity to that which was in his time so happily established.

"Therefore, among his other fundamental laws of this kingdom, he
did ordain the laws and prohibitions which we have touching entrance of
strangers, which at that time (though it was after the calamity of Amer-
ica) was frequent, fearing novelties and commixture of manners. It is
ture, the like law against the admission of strangers without license is an
ancient law in the kingdom of China and yet continued in use. But there
it is a poor thing and has made them a curious, ignorant, fearful, foolish
nation. But our lawgiver made his law of another temper. For first, he has.

preserved all points of humanity, in taking order and making provision
for the relief of strangers distressed; whereof you have tasted." At which
speech (as reason was) we all rose up and bowed ourselves.

He went on. "That king also, still desiring to join humanity and policy
together; and thinking it against humanity to detain strangers here against
their wills, and against policy that they should return and discover their
knowledge of this state, he took this course. He did ordain that of the
strangers that should be permitted to land as many (at all times) might
depart as would, but as many as would stay should have very good condi-
tions and means to live in this state. Wherein he saw so far, that now in
so many ages since the prohibition, we have memory not of one ship that
ever returned, and but of thirteen persons only, at several times, that
came to return in our ships. What those few that returned may have
reported abroad I know not. But you must think, whatsoever they have
said, could be taken but for a dream. Now our traveling from hence into
parts abroad, our Lawgiver thought it altogether to restrain it. So is it not
in China. For the Chinese sail where they will or can, which shows that
their law of keeping out strangers is a law of pusillanimity and fear. But
this restraint of ours has one only exception, which is admirable, preserv-
ing the good that comes by communicating with strangers, and avoiding
the hurt, and I will now open it to you. And here I shall seem a little to
digress, but you will by and by find it pertinent.

"You shall understand (my dear friends) that among the excellent acts
of that king, one above all has preeminence. It was the erection and insti-
tution of an Order or Society which we call Solomon's House; the noblest
foundation (as we think) that ever was upon the earth, and the lantern of
this Kingdom. It is dedicated to the study of the Works and Creatures of
God. Some think it bears the founder's name a little corrupted, as if it
should be Solomon's House. But the records write it as it is spoken. So
as I take it to be denominate of the King of the Hebrews, who is famous
with you, and no stranger to us. For we have some parts of his works
which with you are lost, namely, that Natural History which he wrote, of
all plants, from the cedar of Lebanon to the moss that grows out of the
wall, and of all things that have life and motion. This makes me think that
our king, finding himself similar in many things with that king of the
Hebrews (who lived many years before him), honored him with the title of
this foundation. And I am the rather induced to be of this opinion, for
that I find in ancient records this Order or Society is sometimes called
Solomon's House and sometimes the College of the Six Days' Works;
whereby I am satisfied that our excellent king had learned from the
Hebrews that God had created the world and all that therein is within six
days and, therefore, he instituting that House for the finding out of the
true nature of all things (whereby God might have the more glory in the
workmanship of them, and man the more fruit in the use of them), did
give it also the second name. But now to come to our present purpose.

“When the king had forbidden to all his people navigation into any
part that was not under his crown, he made nevertheless this ordinance:
That every twelve years there should be sent forth out of this kingdom two
ships, appointed to several voyages. That in either of these ships there
should be a mission of three of the Fellows or Brethren of Solomon’s
House, whose errand was only to give us knowledge of the affairs and
state of those countries to which they were designed, and especially of
the sciences, arts, manufactures, and inventions of all the world, and withal
to bring unto us books, instruments, and patterns in every kind. That the
ships, after they had landed the brethren, should return, and that the
brethren should stay abroad till the new mission. These ships are not oth-
erwise loaded, than with store of provisions and good quantity of treasure
to remain with the brethren, for buying of such things and rewarding of
such persons as they should think fit. Now for me to tell you how the vul-
gar sort of mariners are contained from being discovered at land, and how
they that must be put on shore for any time, color themselves under the
names of other nations, and to what places these voyages have been
designed, and what places of rendezvous are appointed for new missions,
and the like circumstances of the practice, I may not do it, neither is it
much to your desire.

“But thus you see we maintain a trade, not for gold, silver, or jewels,
nor for silks, nor for spices, nor any other commodity of matter, but only,
for God’s first creature, which was Light, to have light (I say) of the
growth of all parts of the world.” And when he had said this, he was silent
and so were we all. For indeed we were all astonished to hear so strange
things so probably told. And he, perceiving that we were willing to say
something but had it not ready, in great courtesy took us off, and
descended to ask us questions of our voyage and fortunes, and in the end
concluded that we might do well to think with ourselves what time of stay
we would demand of the state, and bade us not to scant ourselves, for he
would procure such time as we desired. Whereupon we all rose up, and
presented ourselves to kiss the skirt of his tippet, but he would not suffer
us and so took his leave. But when it came once among our people that the
state used to offer conditions to strangers that would stay, we had work
each to get any of our men to look to our ship, and to keep them from
going presently to the governor to crave conditions. But with much ado
we refrained them, till we might agree what course to take.

We took ourselves now for free men, seeing there was no danger of our
utter perdition, and lived most joyfully, going abroad and seeing what was
to be seen in the city and places adjacent within our tether, and obtaining
acquaintance with many of the city, not of the meanest quality, at whose
hands we found such humanity, and such a freedom and desire to take
strangers as it were to their bosom, as was enough to make us forget all
that was dear to us in our own countries. And continually we met with
many things right worthy of observation and relation, as indeed, if there
be a mirror in the world worthy to hold men’s eyes, it is that country.

One day there were two of our company bidden to a Feast of the Fam-
ily, as they call it. A most natural, pious and reverend custom it is, show-
ing that nation to be compounded of all goodness. This is the manner of
it. It is granted to any man that shall live to see thirty persons descended
of his body alive together, and all above three years old, to make this feast,
which is done at the cost of the state. The Father of the Family, whom
they call the Tirscan, two days before the feast takes to him three of such
friends as he likes to choose, and is assisted also by the governor of the
city or place where the feast is celebrated, and all the persons of the fam-
ily, of both sexes, are summoned to attend him. These two days the Tirscan
sits in consultation concerning the good estate of the family. There, if
there be any discord or suits between any of the family, they are com-
ounded and appeased. There, if any of the family be distressed or de-
cyed, order is taken for their relief and competent means to live.
There, if any be subject to vice, or take ill courses, they are reproved and
censured. So likewise direction is given touching marriages, and the
courses of life which any of them should take, with diverse other orders
and advice. The governor assists to the end to put in execution by his
public authority the decrees and orders of the Tirscan, if they should be
disobeyed, though that is seldom needed, such reverence and obedience
they give to the order of nature. The Tirscan does also then choose one
man from among his sons to live in house with him, who is called ever
after the Son of the Vine. The reason will hereafter appear.

On the feast day, the Father or Tirscan comes forth after divine service
into a large room where the feast is celebrated, which room has a dais at
the upper end. Against the wall, in the middle of the dais, is a chair
placed for him with a table and carpet before it. Over the chair is a canopy
made round or oval, of ivy somewhat whiter than ours, like the leaf of a
silver asp, but more shining, for it is green all winter. The canopy is curi-
ously wrought with silver and silk of diverse colors, braiding or binding
in the ivy, and is always the work of some of the daughters of the family,
and veiled over at the top with a fine net of silk and silver. But the sub-
stance of it is true ivy, whereof, after it is taken down, the friends of
the family are desirous to have some leaf or sprig to keep. The Tirscan
comes forth with all his generation or lineage, the males before him, and the
females following him. And if there be a mother from whose body the whole lineage is descended, there is a traverse placed in a loft above on the right hand of the chair, with a private door, and a carved window of glass, leaded with gold and blue, where she sits but is not seen. When the Tirsan is come forth, he sits down in the chair; and all the lineage place themselves against the wall, both at his back and upon the return of the dais, in order of their years without difference of sex, and stand upon their feet. When he is set, the room being always full of company, but well kept and without disorder, after some pause there comes in from the lower end of the room a Taratan (which is as much as a herald) and on either side of him two young lads, whereof one carries a scroll of their shining yellow parchment, and the other a cluster of grapes of gold, with a long foot or stalk. The herald and children are clothed with mantles of sea-water green satin, but the herald’s mantle is streamed with gold and has a train. Then the herald with three curtsies, or rather inclinations, comes up as far as the dais, and there first takes into his hand the scroll.

This scroll is the King’s Charter, containing gift of revenue, and many privileges, exemptions, and points of honor, granted to the Father of the Family, and is ever styled and directed “To such a one our well-beloved friend and creditor,” which is a title proper only in this case. For they say the king is debtor to no man, but for propagation of his subjects. The seal set to the king’s charter is the king’s image, embossed or molded in gold; and though such charters be expedit in course, and as a right, yet they are varied by discretion, according to the number and dignity of the family. This charter the herald reads aloud; and while it is read, the father or Tirsan stands up, supported by two of his sons, such as he chooses. Then the herald mounts the dais and delivers the charter into his hand, and with that there is an acclamation by all that are present in their language, which is thus: “Happy are the people of Bensaalem.” Then the herald takes into his hand from the other child the cluster of grapes, which is of gold, both the stalk and the grapes. But the grapes are daintily enamelled, and if the males of the family be the greater number, the grapes are enameled purple, with a little sun set on the top; if the females, then they are enameled into a greenish yellow, with a crescent on the top. The grapes are in number as many as there are descendants of the family. This golden cluster the herald delivers also to the Tirsan, who presently delivers it over to that son that he had formerly chosen to be in house with him, who bears it before his father as a sign of honor when he goes in public, ever after, and is thereupon called the Son of the Vine.

After this ceremony ends, the father or Tirsan retires. And after some time he comes forth again to dinner, where he sits alone under the canopy, as before, and none of his descendants sit with him, of what degree or dignity soever, except he happens to be of Solomon’s House. He is served only by his own children, such as are male, who perform unto him all service of the table upon the knee and the women only stand about him, leaning against the wall. The room below the dais has tables on the sides for the guests that are bidden, who are served with great and comely order, and towards the end of dinner (which in the greatest feasts with them lasts never above an hour and a half) there is a hymn sung, varied according to the invention of him that composes it (for they have excellent poesy), but the subject of it is (always) the praises of Adam and Noah and Abraham; whereof the former two peopled the world, and the last was the Father of the Faithful; concluding ever with a thanksgiving for the nativity of our Savior, in whose birth the births of all are blessed.

Dinner being done, the Tirsan retires again, and having withdrawn himself alone into a place where he makes some private prayers, he comes forth the third time to give the blessing, with all his descendants who stand about him as at the first. Then he calls them forth one by one, by name, as he pleases, though seldom the order of age is inverted. The person that is called (the table being before removed) kneels down before the chair, and the father lays his hand upon his head or her head, and gives the blessing in these words: “Son of Bensaalem (or Daughter of Bensaalem), thy father saith it, the man by whom thou hast breathed and life spakest the word, the blessing of the everlasting Father, the Prince of Peace, and the Holy Dove be upon thee, and make the days of thy pilgrimage good and many.” This he says to every one of them; and that done, if there be any of his sons of eminent merit and virtue (so they be not above two), he calls for them again and says, laying his arm over their shoulders, they standing: “Sons, it is well ye are born, give God the praise, and persevere to the end.” And withal delivers to either of them a jewel, made in the figure of an ear of wheat, which they ever after wear in front of their turban or hat. This done, they fall to music and dances, and other recreations, after their manner, for the rest of the day. This is the full order of that feast.

By that time six or seven days were spent, and I was fallen into acquaintance with a merchant of that city, whose name was Joabin. He was a Jew and circumcised, for they have some few families of Jews yet remaining among them, whom they leave to their own religion. Which they may the better do, because they are of a far differing disposition from the Jews in other parts who hate the name of Christ and have a secret inbred rancor against the people among whom they live. These (contrariwise) give unto our Savior many high attributes, and love the nation of Bensaalem extremely. Surely this man of whom I speak would ever acknowledge that Christ was born of a Virgin, and that he was more than a man. And he would tell how God made him ruler of the Seraphims who
guard his throne. And they call him also the Milken Way, and the Elijah of the Messiah; and many other high names, which though they be inferior to his divine Majesty, yet they are far from the language of other Jews. And for the country of Bensalem, this man would make no end of commending it, being desirous, by tradition among the Jews there, to have it believed that the people thereof were of the generations of Abraham, by another son, whom they call Nachoran, and that Moses by a secret cabal ordained the laws of Bensalem which they now use. And that when the Messiah should come, and sit in his throne at Jerusalem, the king of Bensalem should sit at his feet, whereas other kings should keep a great distance.

But yet setting aside these Jewish dreams, the man was a wise man, and learned, and of great policy, and excellently seen in the laws and customs of that nation. Among other discourses, one day I told him I was much affected with the relation I had from some of the company, of their custom in holding the Feast of the Family, for I had never heard of a solemnity wherein nature did so much preside. And because propagation of families proceeds from nuptial copulation, I desired to know of him what laws and customs they had concerning marriage, and whether they kept marriage well, and whether they were tied to one wife? For that where population is so much desired, and such as with them it seemed to be, there is commonly permission of plurality of wives.

To this he said: “You have reason to commend that excellent institution of the Feast of the Family. And indeed we have experience that those families that are partakers of the blessing of that feast do flourish and prosper ever after in an extraordinary manner. But hear me now, and I will tell you what I know. You shall understand that there is not under the heavens so chaste a nation as this of Bensalem, nor so free from all pollution or foulness. It is the virgin of the world. I remember I have read in one of your European books, of a holy hermit among you that desired to see the Spirit of Fornication, and there appeared to him a little foul ugly Aethiop. But if he had desired to see the Spirit of Chastity of Bensalem, it would have appeared to him in the likeness of a fair beautiful Cherub. For there is nothing among mortal men more fair and admirable than the chaste minds of this people.

“Know, therefore, that with them there are no brothels, no dissolute houses, no courtesans or prostitutes, nor any thing of that kind. Nay they wonder (with detestation) at you in Europe who permit such things. They say you have put marriage out of office. For marriage is ordained a remedy for unlawful sexual desire, and natural sexual desire seems as a spur to marriage, but when men have at hand a remedy more agreeable to their corrupt will, marriage is almost expelled. And, therefore, there are with you many men that marry not, but choose rather a libertine and impure single life, than to be yoked in marriage. And many that do marry, marry late, when the prime and strength of their years is past. And when they do marry, what is marriage to them but a very business transaction, wherein is sought alliance, or portion of inheritance, or reputation, with some desire (almost indifferent) of children, and not the faithful nuptial union of man and wife, that was first instituted. Neither is it possible that those that have cast away so basely so much of their strength, should greatly esteem children (being the same matter), as chaste men do. So likewise during marriage, is the case much amended, as it ought to be if those things were tolerated only for necessity? No, but they remain still a very affront to marriage. The haunting of those dissolve places, or resort to courtesans are no more punished in married men than in bachelors. And the depraved custom of infidelities, and the delight in meretricious embraces (where sin is turned into art), makes marriage a dull thing, and a kind of imposition or tax.

“They hear you defend these things as done to avoid greater evils, as adulteries, deflowering of virgins, unnatural lust, and the like. But they say this is a preposterous wisdom, and they call it ‘Lot’s offer,’ who, to save his guests from abusing, offered his daughters. Nay they say further that there is little gained in this, for that the same vices and appetites do still remain and abound, unlawful lust being like a furnace, that if you stop the flames altogether, it will quench, but if you give it any vent, it will rage. As for masculine love, they have no touch of it, and yet there are not so faithful and inviolate friendships in the world as are there; and to speak generally (as I said before), I have not read of any such chastity in any people as in theirs. And their usual saying is that ‘whosoever is unchaste cannot reverence himself,’ and they say, ‘the reverence of a man’s self is, next to religion, the chiefest bridle of all vices.’”

And when he had said this, the good Jew paused a little, whereupon I, far more willing to hear him speak on than to speak myself, yet thinking it decent that upon his pause of speech I should not be altogether silent, said only this, that I would say to him, as the widow of Sarepta said to Elias, that he was come to bring to memory our sins and that I confess the righteousness of Bensalem was greater than the righteousness of Europe. At which speech he bowed his head and went on in this manner: “They have also many wise and excellent laws touching marriage. They allow no polygamy. They have ordained that none do intermarry or contract, until a month be passed from their first interview. Marriage without consent of parents they do not make void, but they penalize it in the inheritors, for the children of such marriages are not admitted to inherit above a third part of their parents’ inheritance. I have read in a book of one of your men [Thomas More], of a Feigned Commonwealth, where the married couple are permitted,
before they contract, to see one another naked. This they dislike, for they think it a scorn to give a refusal after so familiar knowledge, but because of many hidden defects in men and women's bodies, they have a more civil way, for they have near every town a couple of pools (which they call Adam and Eve's pools), where it is permitted to one of the friends of the man and another of the friends of the woman, to see them bathe naked."

And as we were thus in conference, there came one that seemed to be a messenger, in a rich tunic, that spoke with the Jew, whereupon he turned to me and said: "You will pardon me, for I am commanded away in haste." The next morning he came to me again, joyful as it seemed, and said: "There is word come to the governor of the city that one of the Fathers of Solomon's House will be here in seven days. We have seen none of them this dozen years. His coming is in state, but the cause of his coming is secret. I will provide you and your fellows with a good standing to see his entry." I thanked him, and told him that I was most glad of the news.

The day being come, he made his entry. He was a man of middle stature and age, comely of person, and had an aspect as if he pitied men. He was clothed in a robe of fine black cloth, with wide sleeves and a cape. His under garment was of excellent white linen down to the foot, girt with a girdle of the same, and a tippet of the same about his neck. He had gloves that were curious, and set with stone, and shoes of peach-colored velvet. His neck was bare to the shoulders. His hat was like a helmet, or Spanish Montera, and his locks curled below it decently; they were of the color brown. His beard was cut round, and of the same color with his hair; somewhat lighter. He was carried in a rich chariot without wheels, litterwise, with two horses at either end, richly trapped in blue velvet embroidered, and two footmen on each side in the like attire. The chariot was all of cedar, gilt, and adorned with crystal, save that the front end had panels of sapphires set in borders of gold, and the back end had panels of emeralds of the Peru color. There was also a sun of gold, radiant upon the top in the middle, and on the top before, a small cherub of gold with wings displayed. The chariot was covered with cloth of gold tossed upon blue.

He had before him fifty attendants, young men all, in white satin loose coats to the mid-leg and stockings of white silk, and shoes of blue velvet, and hats of blue velvet with fine plumes of diverse colors set round like hat bands. Next before the chariot went two men, bare-headed, in linen garments down to the foot, girt, and shoes of blue velvet, who carried the one a crosier, the other a pastoral staff like a sheep hook, neither of them of metal, but the crosier of balm wood, the pastoral staff of cedar. Horsemen he had none, neither before nor behind his chariot, as it seems to avoid all tumult and trouble. Behind his chariot went all the officers and principals of the Companies of the City. He sat alone, upon cushions of a kind of excellent plush blue, and under his foot curious carpets of silk of diverse colors, like the Persian but far finer. He held up his bare hand as he went, as blessing the people, but in silence. The street was wonderfully well kept, so that there was never any army had their men stand in better battle array than the people stood. The windows likewise were not crowded, but every one stood in them as if they had been placed.

When the spectacle was past, the Jew said to me: "I shall not be able to attend you as I would like to because of some duty the city has given me for the entertaining of this great person." Three days later, the Jew came to me again and said: "You are happy men, for the Father of Solomon's House takes knowledge of your being here, and commanded me to tell you that he will admit all your company to his presence, and have private conference with one of you that you shall choose; and for this has appointed the day after tomorrow. And because he means to give you his blessing, he has appointed it in the forenoon."

We came at our day and hour, and I was chosen by my fellows for the private interview. We found him in a fair chamber, with rich hangings and carpet under foot. He sat upon a low throne richly adorned and a rich cloth of state over his head of blue satin embroidered. He was alone, save that he had two pages of honor, on either hand one, finely attired in white. His under garments were the like that we saw him wear in the chariot, but instead of his gown, he had on him a mantle with a cape, of the same fine black, fastened about him. When we came in, as we were taught, we bowed low at our first entrance and when we were come near his chair, he stood up, holding forth his hand ungloved, and in posture of blessing, and we every one of us stooped down, and kissed the hem of his tippet. That done, the rest departed, and I remained. Then he ordered the pages from the room, and caused me to sit down beside him, and spoke to me thus in the Spanish tongue:

"God bless thee, my son. I will give thee the greatest jewel I have. For I will impart unto thee, for the love of God and men, a relation of the true state of Solomon's House. Son, to make you know the true state of Solomon's House, I will keep this order. First, I will set forth unto you the End of our Foundation. Secondly, the Preparations and Instruments we have for our works. Thirdly, the several Employments and Functions whereto our fellows are assigned. And fourthly, the Ordinances and Rites which we observe.

"The End of our Foundation is the knowledge of Causes and secret motions of things; and the enlarging of the bounds of Human Empire, to the effecting of all things possible."

"The Preparations and Instruments are these. We have large and deep caves of several depths. The deepest are sunk six hundred fathom,
New Atlantis

We have burials in several earths, where we put diverse cremains, as some of them is below this, and the depth of the earth and the mountain they are in, and the rocks and earth is from the uppermost and richest, which is the most ancient. We also have the bones of the various animals, and the stones and stones of various colors. We also have the stones of various colors, and the stones of various colors.

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flies, fishes, by putrefaction, whereof some are advanced (in effect) to be perfect creatures, like beasts or birds, and have sexes, and do propagate. Neither do we this by chance, but we know beforehand of what matter and connmixture what kind of those creatures will arise.

"We have also particular pools, where we make trials upon fishes, as we have said before of beasts and birds.

"We have also places for breeding and generation of those kinds of worms and flies which are of special use, such as are with you your silk worms and bees.

"I will not hold you long with recounting our brew houses, bake houses, and kitchens, where are made diverse drinks, breads, and meats, rare and of special effects. Wines we have of grapes; and drinks of other juice of fruits, of grains, and of roots, and of mixtures with honey, sugar, manna, and fruits dried and decocted. Also of the tears or woundings of trees, and of the pulp of canes. And these drinks are of several ages, some to the age of forty years. We have drinks also brewed with several herbs, and roots, and spices, with several fleshes, and white meats, whereof some of the drinks are such as they are in effect meat and drink both, so that diverse, especially in age, do desire to live on them, with little or no meat or bread. And above all, we strive to have drinks of extreme thin parts, to insinuate into the body, and yet without all biting, sharpness, or fretting, insomuch as some of them put upon the back of your hand will, with a little stay, pass thorough to the palm, and yet taste mild to the mouth. We have also waters which we ripen in that fashion, as they become nourishing, so that they are indeed excellent drink, and many will use no other. Breads we have of several grains, roots, and kernels, and some of flesh and fish dried, with diverse kinds of leavenings and seasonings, so that some do extremely move appetites. Some do nourish so, that diverse people do live on them alone, without any other meat, who live very long. So for meats, we have some of them so beaten and made tender and mortified, yet without all corrupting, as a weak heat of the stomach will turn them into good chyle, as well as a strong heat would to meat otherwise prepared. We have some meats also and breads and drinks which taken by men enable them to fast long after, and some others that make the very flesh of men’s bodies sensibly more hard and tough, and their strength far greater than otherwise it would be.

"We have dispensers or shops of medicines. Wherein you may easily think, if we have such variety of plants and living creatures more than you have in Europe (for we know what you have), the simples, drugs, and ingredients of medicines must likewise be in so much the greater variety. We have them likewise of diverse ages, and long fermentations. And for their preparations, we have not only all manner of exquisite distillations and separations, and especially by gentle heats and percolations through diverse strainers, and substances, but also exact forms of composition, whereby they incorporate almost as if they were natural simples.

"We have also diverse mechanical arts, which you have not, and stuffs made by them, as papers, linen, silks, tissues, dainty works of feathers of wonderful luster, excellent dyes, and many others. And shops as well for such things as are not brought into common use among us as for those that are. For you must know that of the things before recited, many of them are grown into use throughout the kingdom, but yet if they did flow from our invention, we have the patterns and originals.

"We have also furnaces of great variety, and that keep great diversity of heats: fierce and quick, strong and constant, soft and mild, blown quiet, dry, moist, and the like. But above all, we have heats in imitations of the sun’s and heavenly bodies’ heats, that pass diverse inequalities and (as it were) orbs, progresses, and returns, whereby we produce admirable effects. Besides, we have heats of dungs, and of bellies and maws of living creatures, and of their bloods and bodies, and of hays and herbs laid up moist, of lime unquenched, and such like. Instruments also which generate heat only by motion. And farther, places for strong radiation, and again, places under the earth, which by nature or art yield heat. These diverse heats we use, as the nature of the operation which we intend requires.

"We have also perspective houses where we make demonstrations of all lights and radiations, and of all colors, and out of things uncolored and transparent we can represent unto you all several colors, not in rainbows as it is in gems and prisms, but of themselves single. We represent also all multiplications of light which we carry to great distance, and make so sharp as to discern small points and lines, also all colorations of light, all delusions and deceptions of the sight, in figures, magnitudes, motions, colors, and all demonstrations of shadows. We find also diverse means, yet unknown to you, of producing light originally from diverse bodies. We procure means of seeing objects afar off, as in the heaven and remote places, and represent things near as afar off, and things afar off as near, making imaginary distances. We have also helps for the sight, far above spectacles and glasses in use. We have also glasses and means to see small and minute bodies perfectly and distinctly, as the shapes and colors of small flies and worms, grains and flaws in gems, which cannot otherwise be seen, and observations in urine and blood not otherwise to be seen. We make artificial rainbows, halos, and circles about light. We represent also all manner of reflections, refractions, and multiplications of visual beams of objects.

"We have also precious stones of all kinds, many of them of great beauty, and to you unknown, crystals likewise, and glasses of diverse kinds, and among them some of metals vitrified, and other materials
besides those of which you make glass. Also a number of fossils, and imperfect minerals, which you have not. Likewise lodestones of prodigious virtue, and other rare stones, both natural and artificial.

"We have also sound houses, where we practice and demonstrate all sounds, and their generation. We have harmonies which you have not, of quarter sounds, and lesser slides of sounds, and diverse instruments of music, likewise to you unknown, some sweeter than any you have, together with bells and rings that are dainty and sweet. We represent small sounds as great and deep, likewise great sounds as thin and sharp. We make diverse tremblings and warblings of sounds, which in their original are entire. We represent and imitate all articulate sounds and letters, and the voices and notes of beasts and birds. We have certain helps which applied to the ear do further the hearing greatly. We have also diverse strange and artificial echoes, reflecting the voice many times, and as it were tossing it, and some that give back the voice louder than it came, some shriller and some deeper, some rendering the voice differing in the letters or articulate sound from that they receive. We have also means to convey sounds in tubes and pipes, in irregular lines and distances.

"We have also perfume houses, wherewith we join also practices of taste. We multiply smells, which may seem strange. We imitate smells, making all smells to breathe out of other mixtures than those that give them. We make diverse imitations of taste likewise, so that they will deceive any man's taste. And in this house we contain also a confection house, where we make all sweetmeats, dry and moist, and diverse pleasant wines, milks, broths, and salads, far in greater variety than you have.

"We have also engine houses, where are prepared engines and instruments for all sorts of motions. There we imitate and practice to make swifter motions than you have, either out of your muskets or any engine that you have. And to make them and multiply them more easily, and with small force, by wheels and other means. And to make them stronger and more violent than yours are, exceeding your greatest cannon and heavy artillery. We represent also ordnance and instruments of war, and engines of all kinds, and likewise new mixtures and compositions of gun powder, and wildfires burning in water and unquenchable. Also fireworks of all variety both for pleasure and use. We imitate also flights of birds. We have some degrees of flying in the air. We have ships and boats for going under water and brooking of seas, also swimming girdles and supporters. We have diverse curious clocks, and other like motions of oscillation, and some perpetual motions. We imitate also motions of living creatures, by images of men, beasts, birds, fishes, and serpents. We have also a great number of other various motions, strange for equality, fineness, and subtlety.

"We have also a mathematical house, where are represented all instruments, as well of geometry as astronomy, exquisitely made.

"We have also houses of deceits of the senses; where we represent all manner of feats of juggling, false apparitions, impostures, and illusions, and their fallacies. And surely you will easily believe that we have so many things truly natural which induce admiration, could in a world of particulars deceive the senses, if we would disguise those things and labor to make them seem more miraculous. But we do hate all impostures and lies, insomuch as we have severely forbidden it to all our fellows, under pain of ignominy and fines, that they do not show any natural work or thing, adorned or swelling, but only pure as it is, and without all affectation of strangeness.

"These are (my son) the riches of Solomon's House.

"For the several Employments and Offices of our fellows, we have twelve that sail into foreign countries under the names of other nations (for our own we conceal), who bring us the books, and abstracts, and patterns of experiments of all other parts. These we call Merchants of Light.

"We have three that collect the experiments which are in all books. These we call Depredators.

"We have three that collect the experiments of all mechanical arts, and also of liberal sciences, and also of practices which are not brought into arts. These we call Mystery-men.

"We have three that try new experiments such as themselves think good. These we call Pioneers or Miners.

"We have three that draw the experiments of the former four into titles and tables, to give the better light for the drawing of observations and axioms out of them. These we call Compilers.

"We have three that look into the experiments of their fellows, and cast about how to draw out them things of use and practice for man's life, and knowledge as well for works as for plain demonstration of causes, means of predictions, and the easy and clear discovery of the properties and parts of bodies. These we call Dowry-men or Benefactors.

"Then after diverse meetings and consultations of our whole number, to consider of the former labors and collections, we have three that take care, out of them, to direct new experiments, of a higher light, more penetrating into nature than the former. These we call Lamps.

"We have three others that do execute the experiments so directed, and report them. These we call Inoculators.

"Lastly, we have three that raise the former discoveries by experiments into greater observations, axioms, and aphorisms. These we call Interpreters of Nature.

"We have also, as you must think, novices and apprentices, that the
successions of the former employed men do not fail, besides a great number of servants and attendants, men and women. And this we do also: we have consultations, which of the inventions and experiences that we have discovered shall be made public, and which not, and take all an oath of secrecy, for the concealing of those which we think fit to keep secret, though some of those we do reveal sometimes to the state, and some not.

“For our Ordinances and Rites: we have two very long and fair galleries, in one of these we place patterns and samples of all manner of the more rare and excellent inventions, in the other we place the statues of all principal inventors. There we have the statue of your Columbus, who discovered the West Indies, also the inventor of ships, your monk [Roger Bacon] that was the inventor of ordnance and of gunpowder, the inventor of music, the inventor of letters; the inventor of printing, the inventor of observations of astronomy, the inventor of works in metal, the inventor of glass, the inventor of silk of the worm, the inventor of wine, the inventor of corn and bread, the inventor of sugars, and all these by more certain tradition than you have. Then have we diverse inventors of our own, of excellent works, which since you have not seen, it were too long to make descriptions of them. And besides, in the right understanding of those descriptions you might easily be mistaken. For upon every invention of value, we erect a statue to the inventor and give him a liberal and honorable reward. These statues are some of brass, some of marble and touchstone, some of cedar and other special woods gilt and adorned, some of iron, some of silver, some of gold.

“We have certain hymns and services, which we say daily, of praise and thanks to God for his marvelous works, and form of prayers, imploring his aid and blessing for the illumination of our labors and the turning of them into good and holy uses.

“Lastly, we have tours or visits of diverse principal cities of the kingdom, where, as it comes to pass, we do publish such new profitable inventions as we think good. And we do also make predictions of diseases, plagues, swarms of hurtful creatures, scarcity, tempests, earthquakes, great floods, comets, temperature of the year, and diverse other things, and we give counsel thereupon what the people shall do for the prevention and remedy of them.”

· And when he had said this, he stood up, and I, as I had been taught, kneeled down and he laid his right hand upon my head and said: “God bless thee, my son and God bless this relation which I have made. I give thee leave to publish it for the good of other nations, for we here are in God’s bosom, a land unknown.” And so he left me, having assigned a value of about two thousand ducats, for a bounty to me and my fellows. For they give great largess where they come upon all occasions.