

Variant holograph drafts of MINT00357 (/catalogue/record/MINT00357), (Mint 19/3/15-16).

Author: Isaac Newton

Source: MINT 19/1/179, MINT 19/3/76-7, National Archives, Kew, Richmond, Surrey, UK

<Mint 19/1/179r>

		10.
11	Five hundred weight of blistered steel at $4\frac{1}{2}^d$ per pound weight	10. 00
	German steel fit for Dyes & Puncheons is scarce to be met with in shops. Our Smith sends	
12	into Germany for it. It is of various prizes from 8^d to 12 or 14^d per pound weightt. Two	} 10. 00.
	hundred weights may cost about	00
		15.
7	Fifty pound weight of Mercury at 6^s per pound weight	00. 00
	Cast Rollers are not to be bought. The Inventor keeps the secret to himself & only lends	
8	them to the Moneyers in the Tower at a certain rate per diem. Hammered Rollers are less	} 30. 00.
	servicable being apt to sink & a greater number of them must be used they cost about $60^{\overline{li}}$	00
	per pair, at which rate 5 pair will cost	
6	One Sweep Mill	6
	One Pyle of standard weights $2^{\overline{li}}$. 10^s One set of Bell weights for gold $2^{\overline{li}}$. One set of Bell	6. 19.
1	weights for silver $4^{\overline{li}}$. 10^s . Two sets of penny weights grains & coyn-weights 9^s	} 00
		20.
2	Two douzen of sizing scales with counter poizes at $10^{\overline{li}}$ per dozen	00. 00
		7.
3	A pair of gold scales with a stand for weighing about 15^{lw^t}	10. 00
4	Two Assay Ballances with Lanthorns & standarts at $5^{\overline{li}}$ a ballance & $2^{\overline{li}}$ weights (One pair of	} 14.

	Assay-ballances (7 ^{li} may be sufficient){}	00. 00
5	A set of brass patterns for making moulds to cast Ingots of Gold & silver	
		5.
9	Five hundred weight of Alume at about 22 ^s per hundred	10. 00
	We make no use of winestone.	
16	Two large books of fine Vellum at 1 ^s 6 ^d per skin or leaf & 80 leaves to a book 12 ^{sh} . We use only Books of good Paper.	} 12.
10	Twenty four douzen of Iusting Flots (if Rasps for sizing be hereby meant) at about 2 ^s . 6 ^d or 3 ^s per Flot	} 43. 4
		10.
13	Files of several sorts for the Graver Smith & Engineer about	00. 00
		3.
14	Two Grindstones 1 ^{li} , A table Vice 1 ^{li} . 10 ^s , Two oylestones 1 ^{li}	10. 00
5	Two Copel molds 10 ^s . Five dozen of Muffles 1 ^{li} . 5 ^s . A piece of brass Calms 7 ^s bushels at about 12 ^s per bushel 18 ^{li}	} 20. 02. 00
	Two dozen of large scratch brushes at 1 ^s 6 ^d per brush. six small scratch brushes for the	4.
15	Graver at 2 ^s per brush. Twelve douzen of hard hand brushes at 3 ^d a piece & one dozen of soft brushes at 6 ^d a piece	} 10. 00
17	Charcoal an hundred bushels, at about 20 ^d per sack	4. 3. 4
18	A siseing Mill	<u>222.</u> 5. 0

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One set of Bell weights for Gold 36 ^{lw^t}	20. 0. 0
One set of Bell weights for silver 81 ^{lwt}	4. 10. 0
Two sets of penny weights & grains & coyn weights	0. 4. 6
One douzen of sizing scales with counter-poizes at 11 ^s a piece	6. 12. 0
One pair of cast Rollers	
One set of brass patterns for casting the ☉ & ☾	

If more sets of these things be wanted they may be either brought in shops or made in Scotland by these patterns

In obedience to your Lordships Order of the 3^d Instant we have considered the Inventory therewith sending of Tools & other necessarys proposed to be provided in London for the use of her Majesties Mint in Scotland, & are humbly of Opinion that besides the two Pyles of Standard weights, two trial pieces for crown gold & two trial pieces for standard silver mentioned in our last report, it may be convenient to send to them from her Majesties Mint in the Tower the things which we have here set down weight their prizes as follows

Two sets of bell weights one for gold, & one for silver.

Two sets of penny weights & grains & two of Coyn-weights.

One douzen of sizing scales with counterpoizes

Or pair of cast Roller for a pattern to make others by

Two sets of brass patterns for casting:

The blisterd steel, the German steel, the Mercury, Alume, winestone, Charcoal, Bone ashes, Coppel moulds, Mufflers, Essay ballances, Brass Calms, Books of Vellum, files, Brushes, Table vices, Grindstones, Oyle stones & sweep-milnes are useful in coyning & may be provided by the Officers of that Mint as formerly, they being to be had in shops, & the new Mint not differing in these things from the old.

What they mean by a sizeing Miln & Iusting flots we do not understand, having no such names of tools in use amongst us

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Blistered Steel at $4^d \frac{1}{2}$ per pound weight	10. 10. 00
German steel at 8 ^d or 10 ^d or 12 ^d per pound weight	09. 06. 08
Steel 700 ^{lw^t} {200} at about 8 ^d 10 ^g or 1 ^s per pound weight according to your goodness & scarcity & 500 at $4^d \frac{1}{2}$	} 20 ^{li} . 00. 00
Four pair of cast Rollers at $6^{\overline{li}}$ a pair	24. 00. 00
Two douzen of large scratch brushes	1. 12. 00
One douzen of large Scratches the one half thereof of Wier	}
Twenty four dozen of Iusting Flots (if Rasps for siseing be hereby meant) at 1 ^{li} . 16 ^s per dozen	} 43. 4. 00
Twelve dozen of hard hand brushes at 3 ^d a piece with one dozen of soft brushes at about 6 ^d a piece	} 2. 02. 00
Fifty pounds weightt of Mercury at 6 ^s per pound weight	15. 00. 00

Brass Patterns for making molds for casting the barrs at 1 ^{lib} per sett	}	
Five hundred pound weightt of Alume at 22 ^s per cwtw ^t & two hundred pound weight of red-winstone at per pound weight	}	
One sweep Mill 6 ^{li}		6 ^{li}
One sizing Mill (if a {justening} Mill be hereby meant		
One Pyle of Weights with the divisions of the penny weight from the ounce	}	2. 10. 00
Two dozen of sizeing scales and counterpoises at 10 ^{li} per douzen		20. 00. 00
A pair of Gold scales with a stand		7. 10. 00
An hundred bushels of Charcoal at 10 ^d per bushel		4. 3 4
Bone ashes 30 bushells at about 12 ^s per bushel		18. 00. 00
Two Assay ballances with standarts & Lanthorns & weights at 5 ^{li} a Ballance & 2 ^{li} weights	}	14. 00. 00
A Table Vice at 1 ^s per pound weight		2. 10. 00
Two Copel moulds 10 ^s five douzen of Muffles about 1 ^{li} 5 ^s		1. 15. 00
A pair of Brass Calms a foot long for casting assay bullets		0. 07 00
Three douzen of hand files 1 ^l . {15} ^s , two douzen of round files 1 ^{li} 10 ^s , ons dozen of half round files 15 ^s , one dozen of douce files 3 ^{li} . 0 ^s	}	7. 00. 00
Two large books of fine Vellum at 1 ^s 6 a fine small skin which makes a leafe, & 80 leaves in a book	}	12. 00. 00
Two Grindstones		1. 00. 00
For the Graver two Oylestones 1 ^{li} tne files 1 ^{li} . 16 ^s six small scratch brushes 12 ^s	}	3. 08. 00
An iron mold a foot long for casting assay bullets is worth about 5 ^s , a brass one may be worth 6 or 8 ^s .		

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Two Pyles of Standard weights & tryal pieces are already reported necessary.

Two sets of great weights one for gold the other fold silver

Two sets of penny weights & grains & two of coyn-weights

One douzen of sizing scales with counterpoizes.

Two pair of cast Rollers for patterns to make others by.

One Assay Ballance with standarts & assay weights.

A pair of brass Calms.

Brass Patterns for casting

A sweep Miln.

A siseing Miln.

The steel, Mercury, Alume & Wynestone are merchantable commodities & may be hand in Scotland as formerly & so may the files, flotts, Brushes, Charcoal, Bone ashes, Table Vices, Copel moulds, Mufflers, Books of Vellum, Grindstones, Oylestones, Sweep-millns brass Calms & Assay Ballances. In these things the new Mint will not differ from the old.
