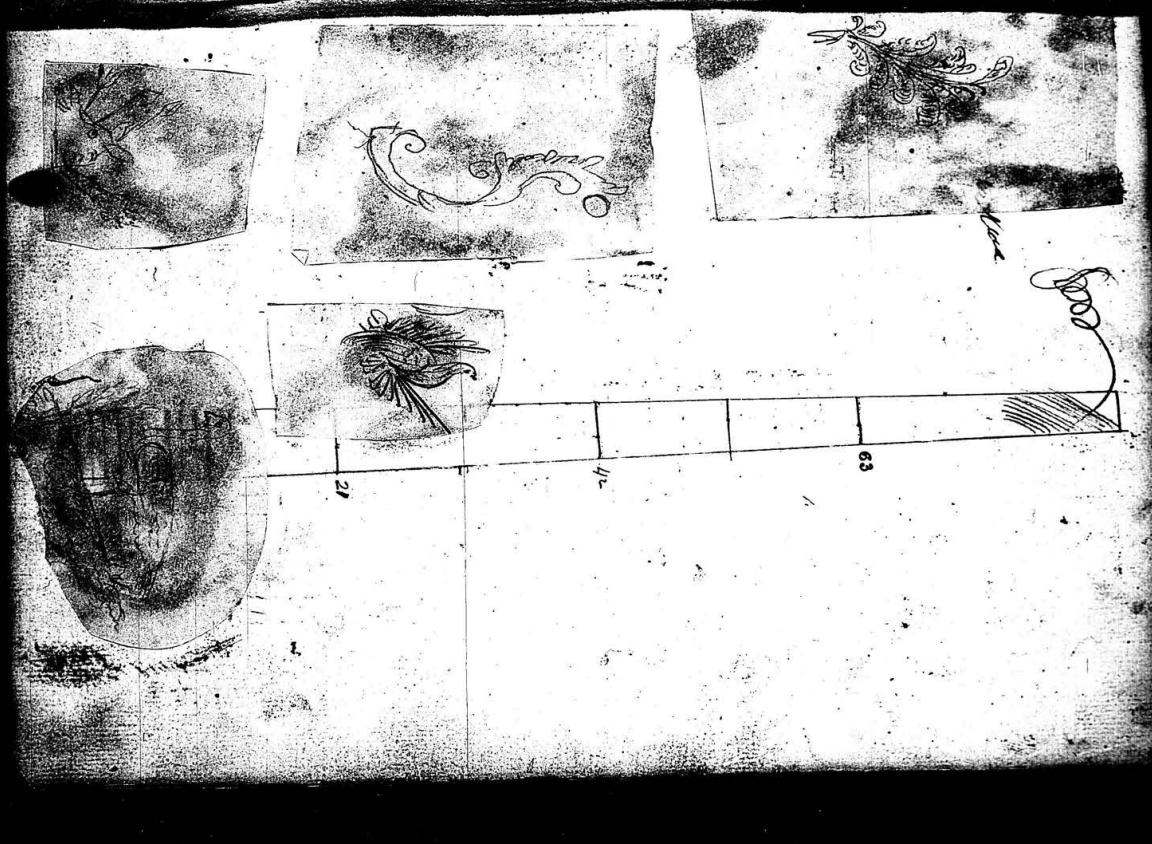
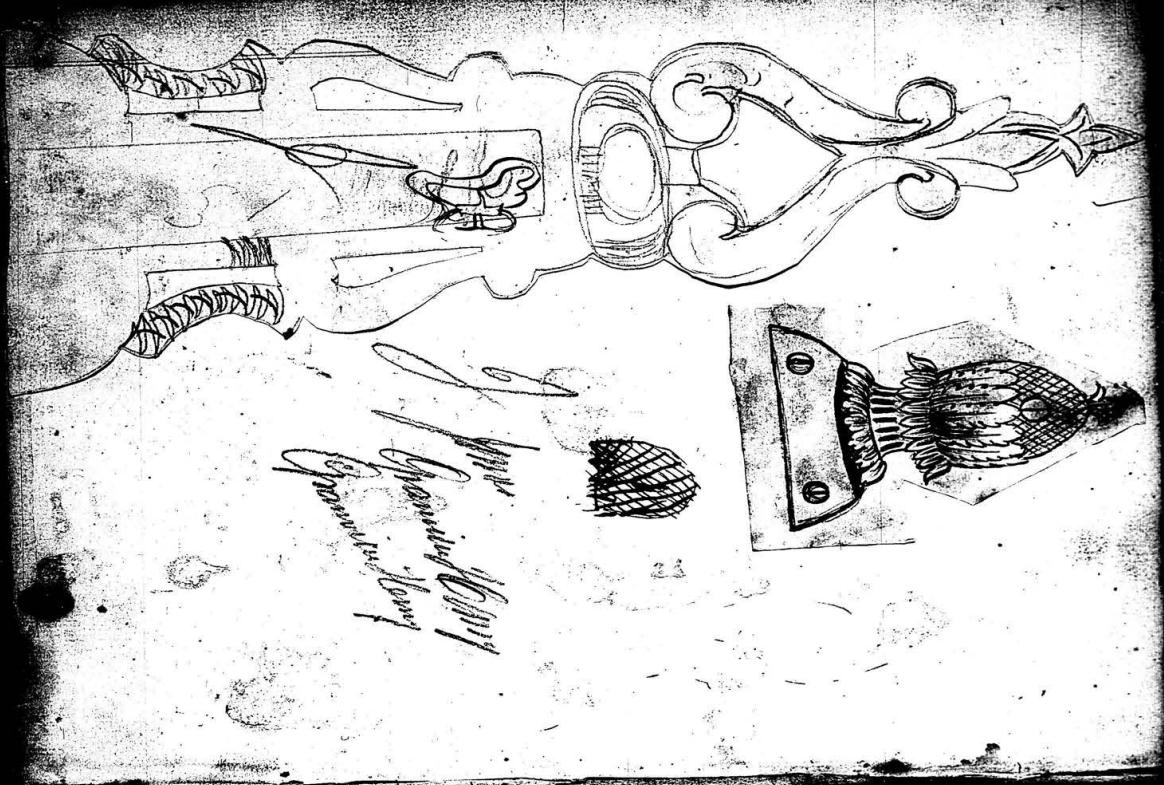
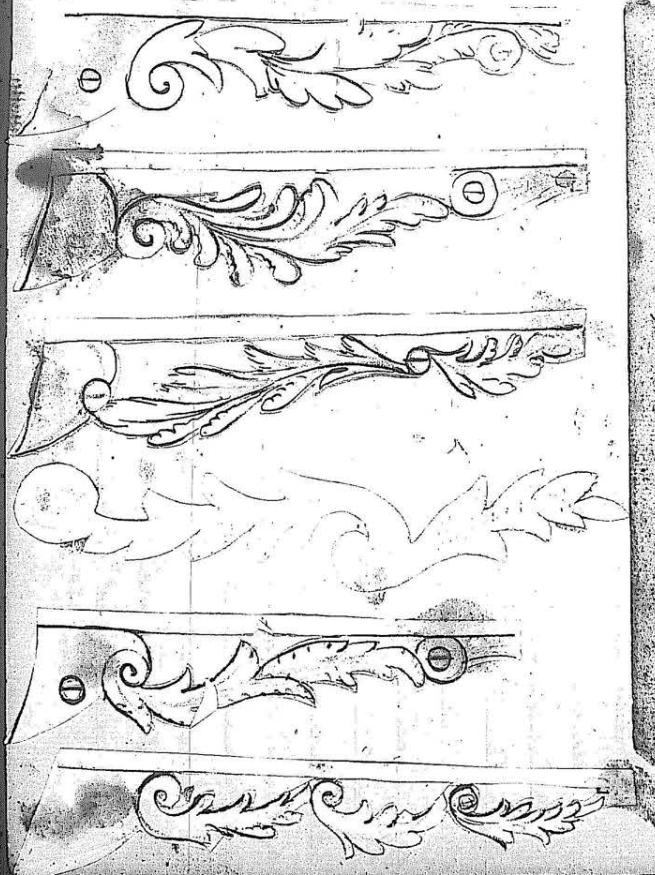
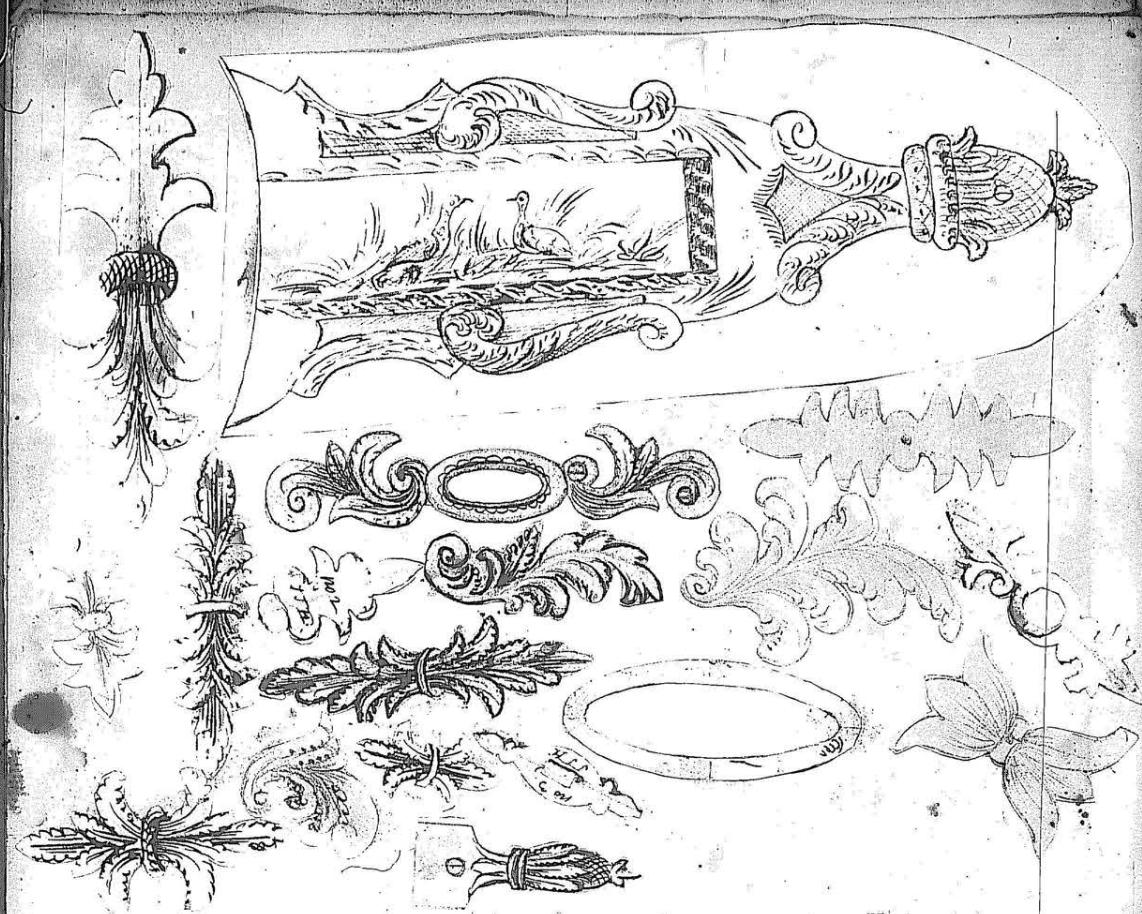


1. BOLTON GUN WORKS

- K.
6. Bound Volumes
Miscellaneous
- a. William Henry (?) Sketchbook
undated







Hannibal & Newell
New Haven Conn

Jan/

✓

Hannibal, so many years attended to
the gun making business as a means of making a living,
was principally confined to rifles and powder pieces
which were often of use in the country and neighborhood
of my residence, except during our revolutionary war.
I was occasionally employed in repairing arms which
arrived at Easton from camps. Of course I made
but little acquaintance with the manufacture of arms
fitting the service of the field.

Until in the year 1800 to 1802.3 I was engaged in, for
making two thousand stand of Muskets for the use
of the State of Pennsylvania, made after a pattern
given by the State, which were said to be similar to
the French Chasseville Musket.

I commenced by erecting a considerable building
on Burkhill Creek for grinding & boring of barrels and
boring, making a limited number and size, though it which
were produced in the autumn of 1802.

Soon completed is a set of almost any common laboring
man I met with, who were willing to be instructed in the
business of gunmaking, and pay them the ordinary
monthly wages the same as if they had obtained a
tolerable proficiency in the branch to which they were
put. A young blacksmith just out of his apprenticeship
ship. (B. Neumann) I sent to look forging. I directed
him in making the plate swage to form the plate
from out of a solid piece of steel had at Lancaster or
some other place fitted on the pan into the plate)
as being most substantial, and many a bushel of steel
and pounds of iron was lost before he brought them
to any tolerable degree of perfection, and such was
my distinction with all the Smiths, Fitters and stockmen
during the first two or three years; that my workmen
themselves as well as acquaintances despaired of
being able to effect the execution of my contract
typically as we were extremely unfortunate in the
barrels, in the first proofs of the body was from 30 to
60 percent. which principally arose from the boring
of the iron, the iron of a proper quality could not be
procured. I frequently offered the Government of the
manufacture a proper quantity of iron but they

in view. I of course suffered great loss.

The young men I employed in the business were such as had serv'd apprenticeships to other masters, and who in expectation of better wages con-

tinued to go into the gun-making business; "One was Farmer / P. Brown / who turned out in the end an acci-

dent black filer, another has received some instruction

in rifle making. (H. Woodward) acquired a knowledge

of lock filing with me, Another A. Taylor. (H. Woodward)

Became a bad filer; in short all of the hands were at

most totally ignorant of the business.

However, by dint of perseverance although at a

considerable loss I effected the completion of my con-

tract in August 1863 and received the balance of my

pay from you" Mr. Sean in September following. —

During the time I was executing the contract

with the State I also furnished to the United States

the finished stand of the like arms, which were

paid for at the same rate or thirteen dollars and thirty

two cents each.

In the execution of contracts with public bodies

much depends upon the offices appointed by them

to inspect and receive the work, when they are more

who are really masters of the subject. There is no question

The work will be well executed. If however it becomes

a matter of extreme difficulty, and indeed almost im-

practicable for the manufacturer to enforce a proper ex-

ecution of the work along the subordinate branches

of the business.

During the time the work was performed

it frequently occurred to me, to notice the want

of system in the inspection, as an Inspector would

at one time approve of the execution of a part of an

article and another time he would condemn, and

much more so would one inspector vary from another

yet none could ^{give to} develop a set of rules which would

enable themselves or the workmen to give uniform

to work, either as to mechanical correctness or

goodness of workmanship. And often did I wish

to see something like sound standard rules laid

down, by which proper corrections could be made

and with this view and in certain experiments

done kind of standard must be found have made

enquiries of the best workmen and based on their

subject but never yet have found anything to come

near a guide. (I ^{Am writing up} in London for the purpose.)

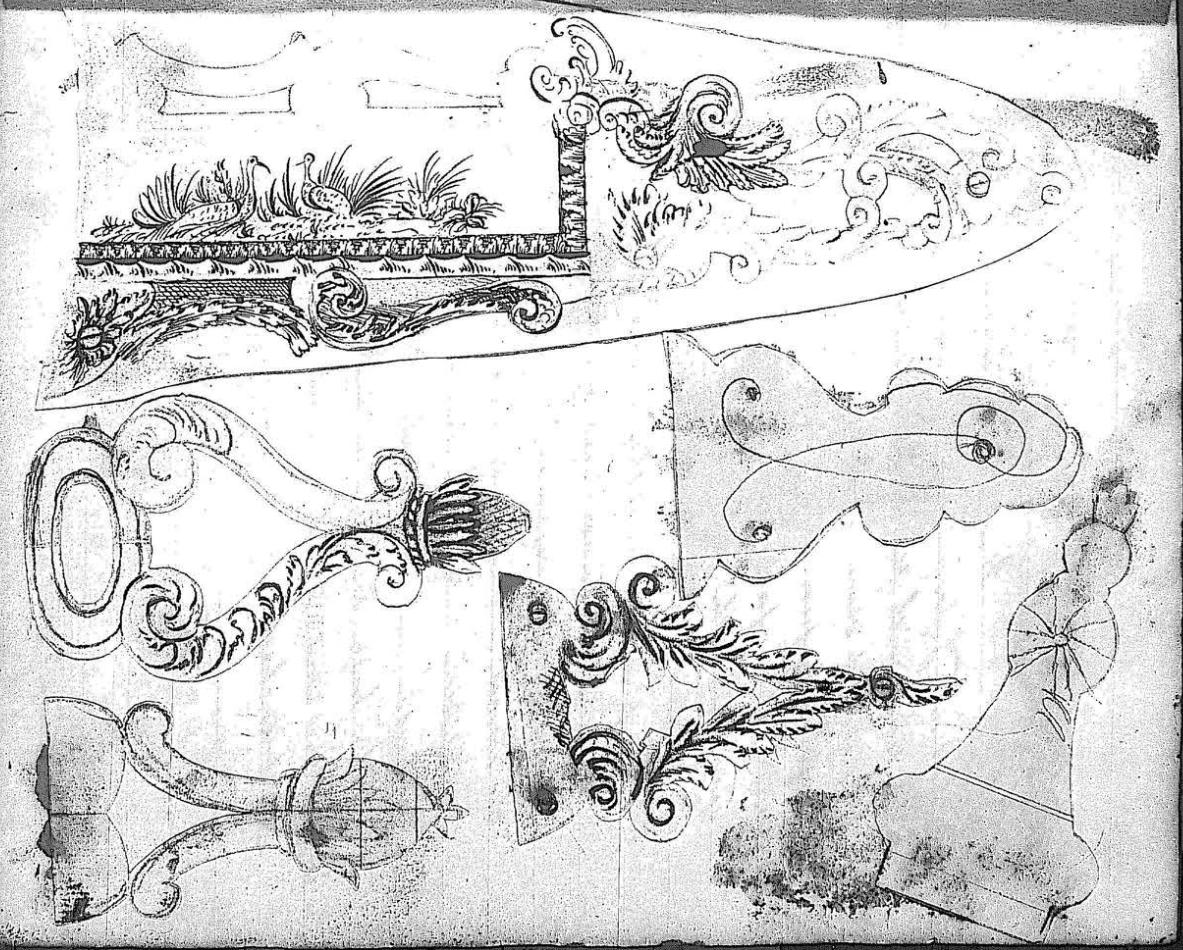
Very truly yours
Wm. G. Felt

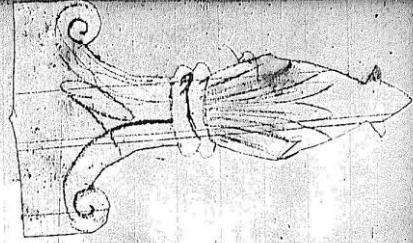
Written about 1810

Jas.

It is almost five years ago, in 1808,
that my J. forged, and myself again entered into
Contract with the United States, to furnish Ten
Thousand stands of arms to be made after a plan
to be furnished by the United States from
one of their factories or Mr Whitney's factory and
several months after the contract was entered into
we were furnished with the pattern gun.

In pursuance of this contract we proceeded in
the usual manner separated the parts of the gun
and gave our workmen the proper directions for
the correct imitation of the several parts, and, im-
mediately upon the first delivery made to the
Inspector. (Genl Williams) this want of System
in the Inspector became apparent, not only appear-
ant but was the cause of much injury in several of
the branches.





1.75 1 3
5.85
2.26
9.86

1.75
1.95
1.3
5.85

1.95
1.25
2.20

James Specking & Son
Charles G. G.
James Herring
232

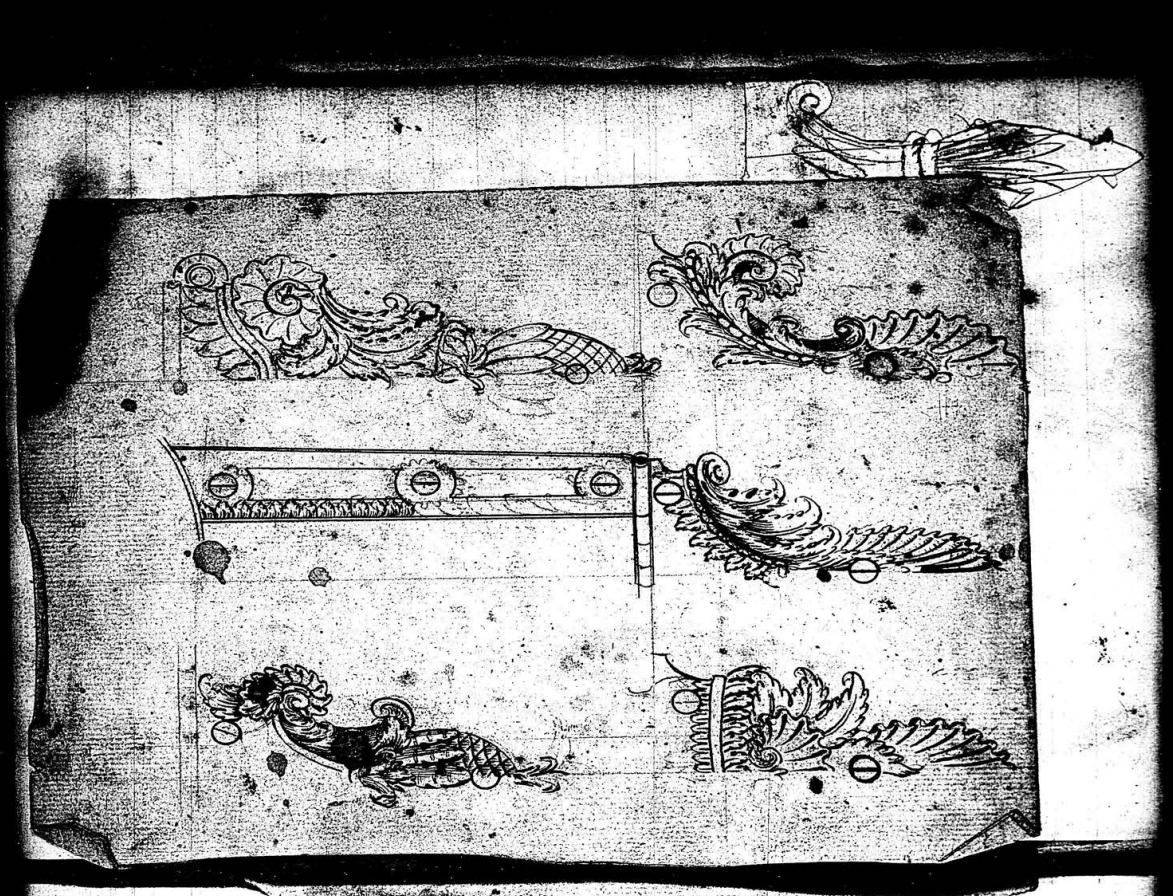
1.75
1.95
3.60

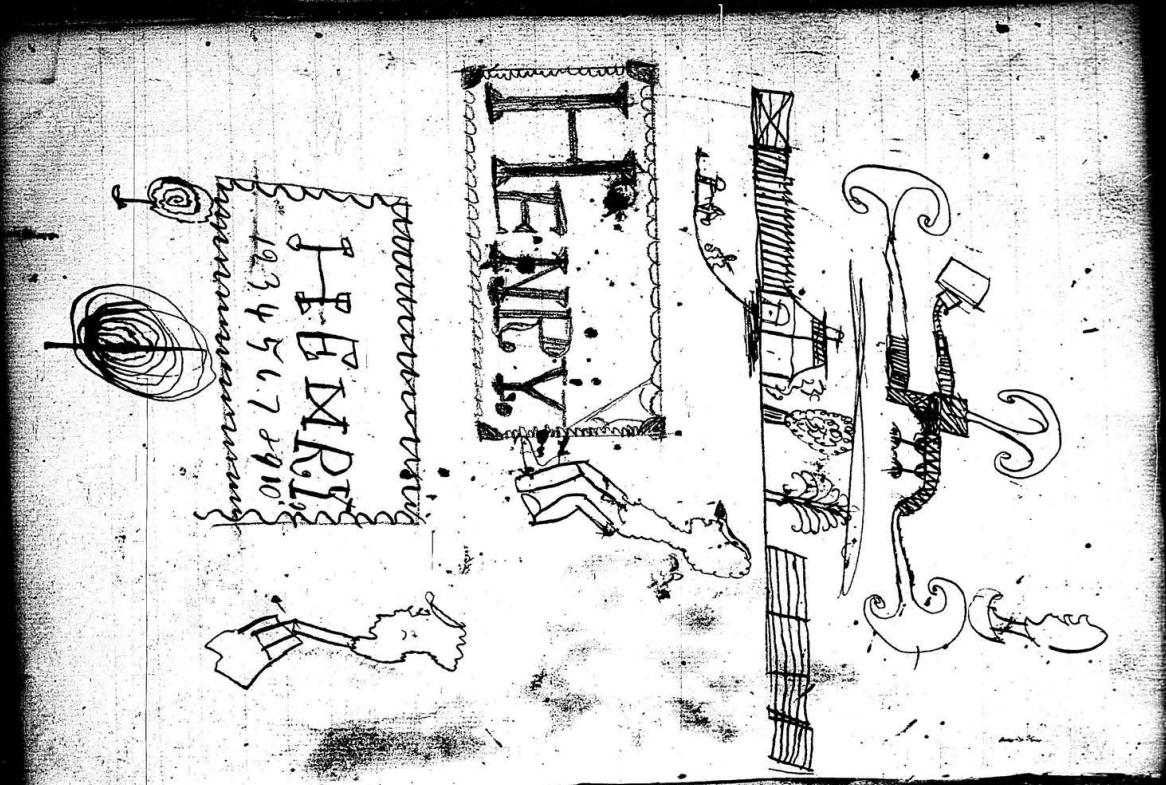
2.00 1.3
2.50 2.25
7.25

1.50
1.75
2.25

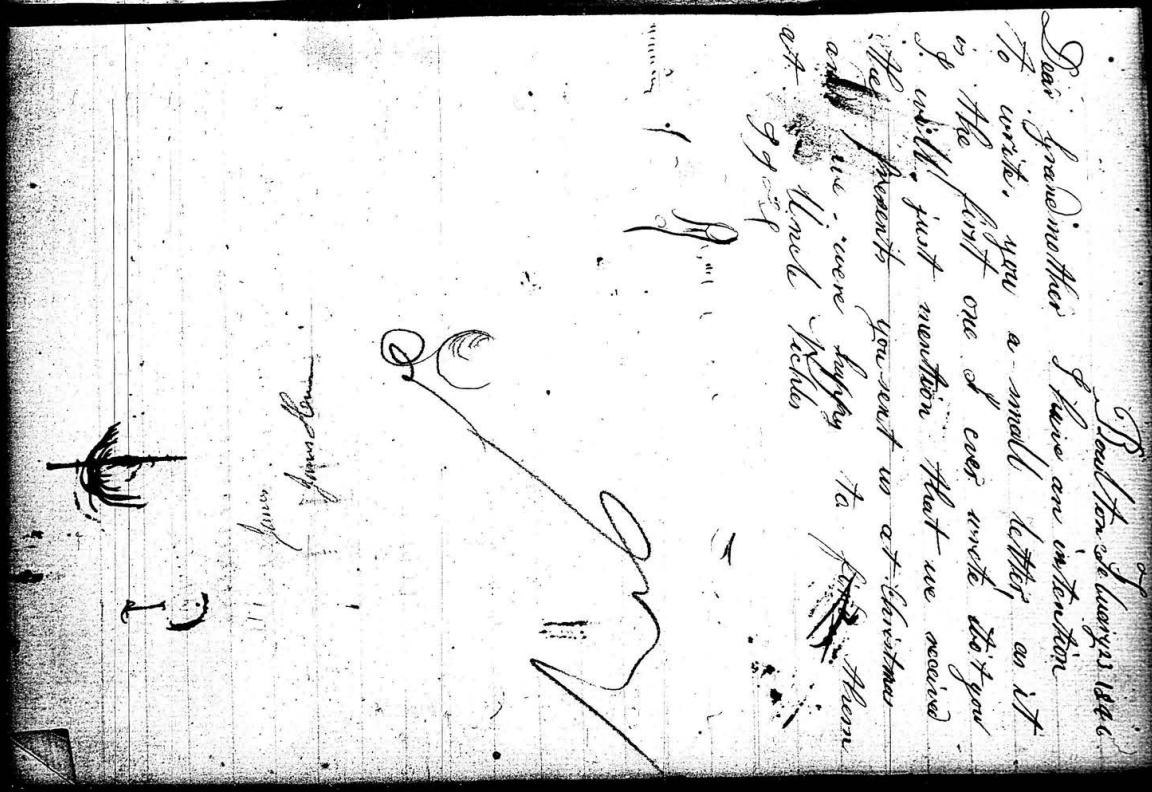
80.38 52
21
5.65
05.1
6.2
8

6.08
21
4.8
6.1
6.1



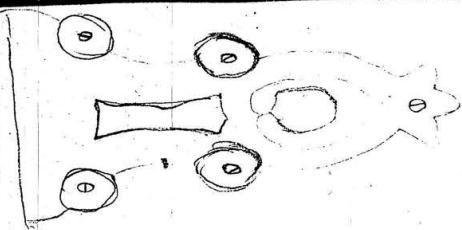


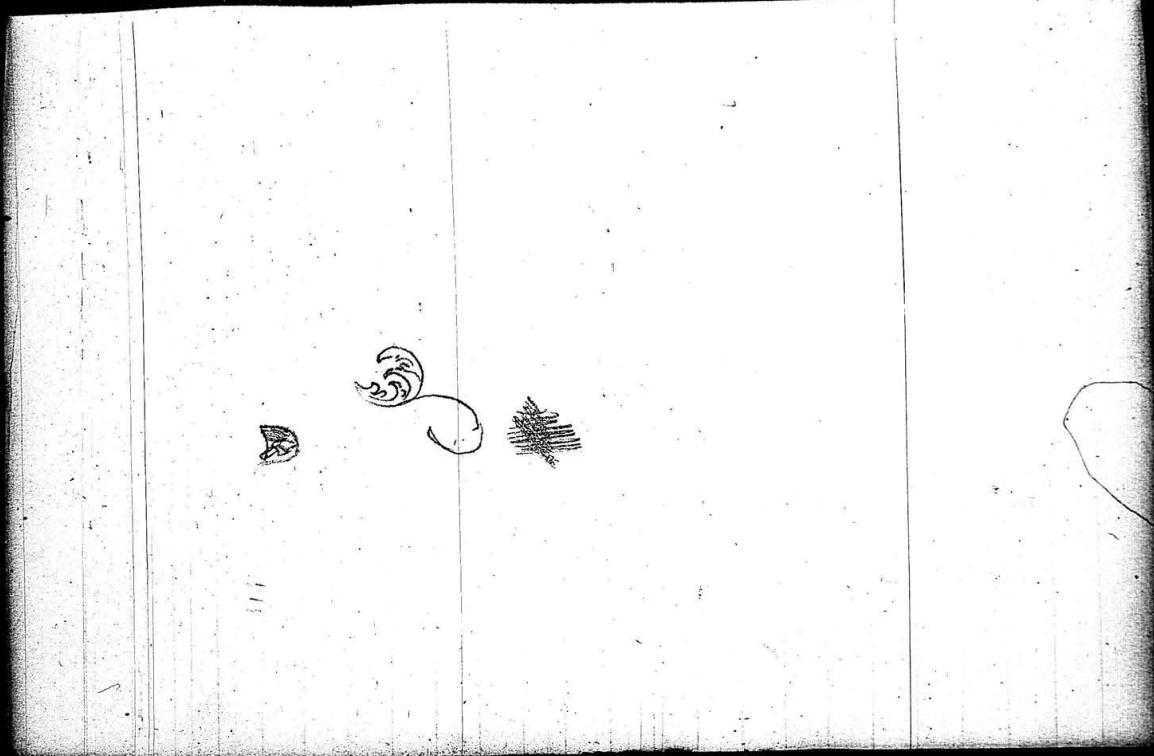
Bethelton, W. Va.
Dear Grandmother I have an intention
to write you a small letter as it
is the first one I ever wrote to you.
I will just mention that we received
the presents you sent us at Christmas
and we were happy to find them
at Uncle Peter's
I hope

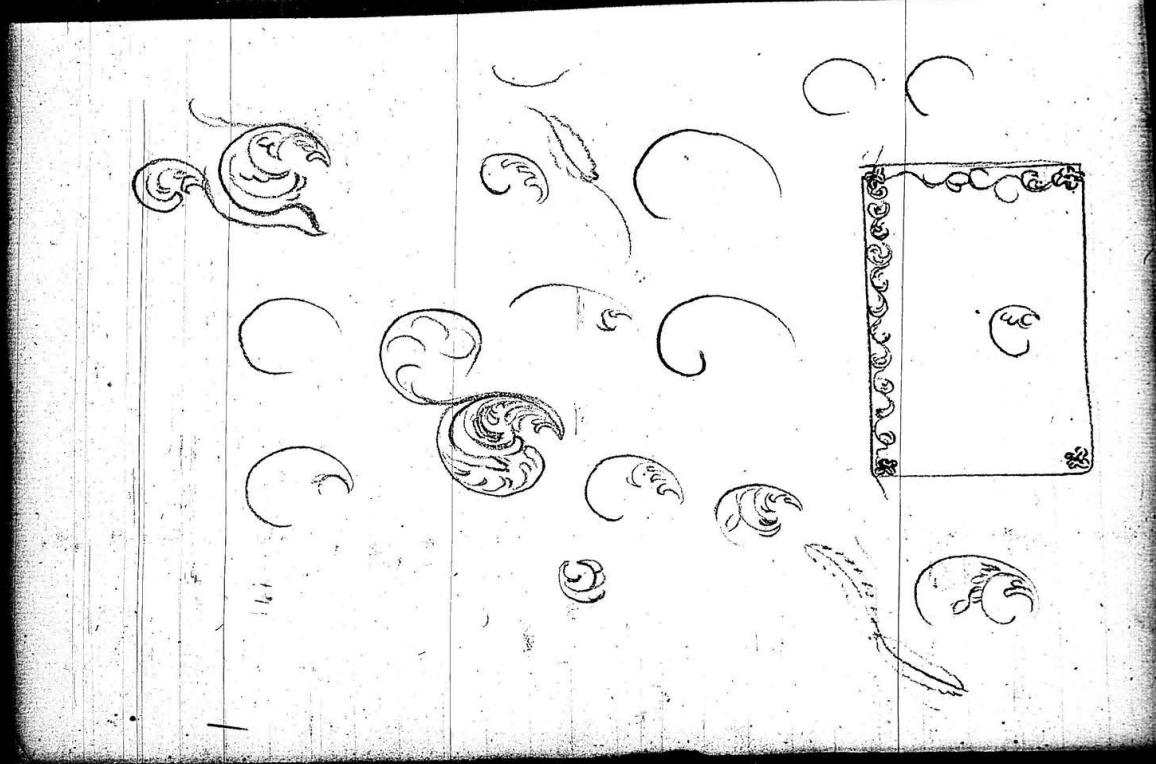
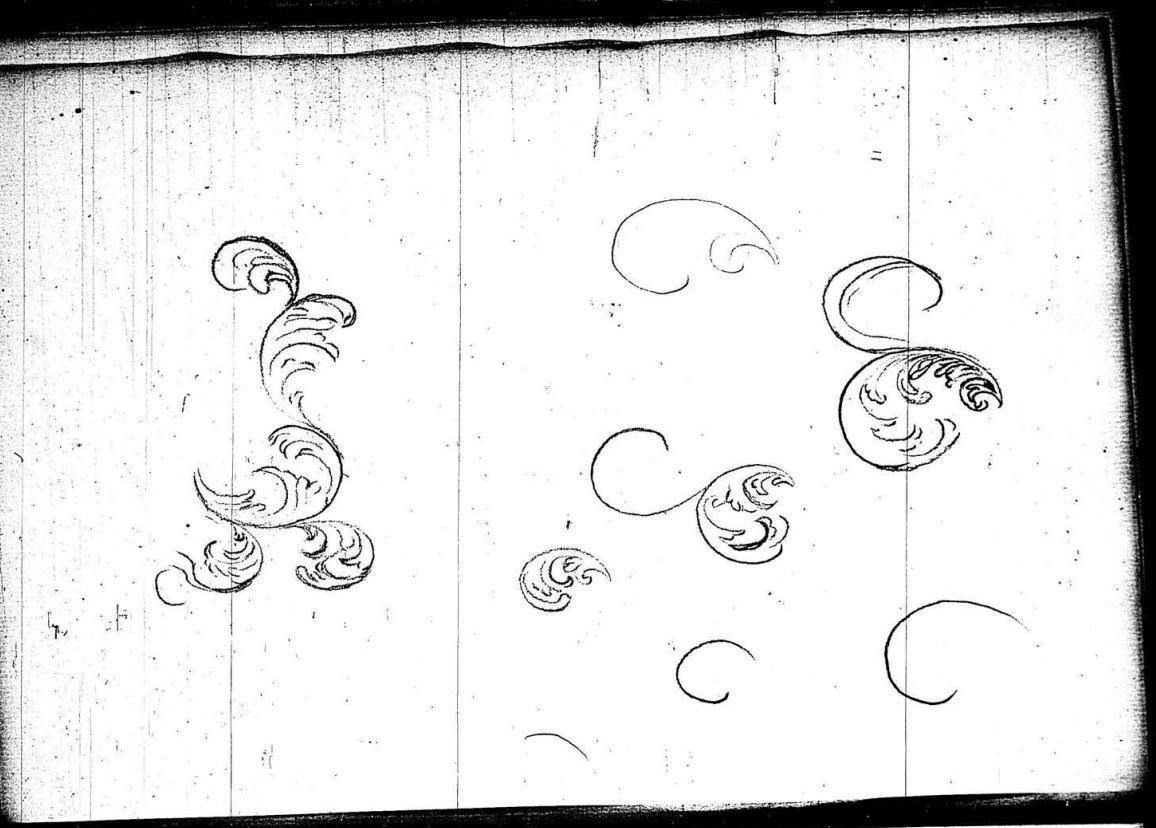


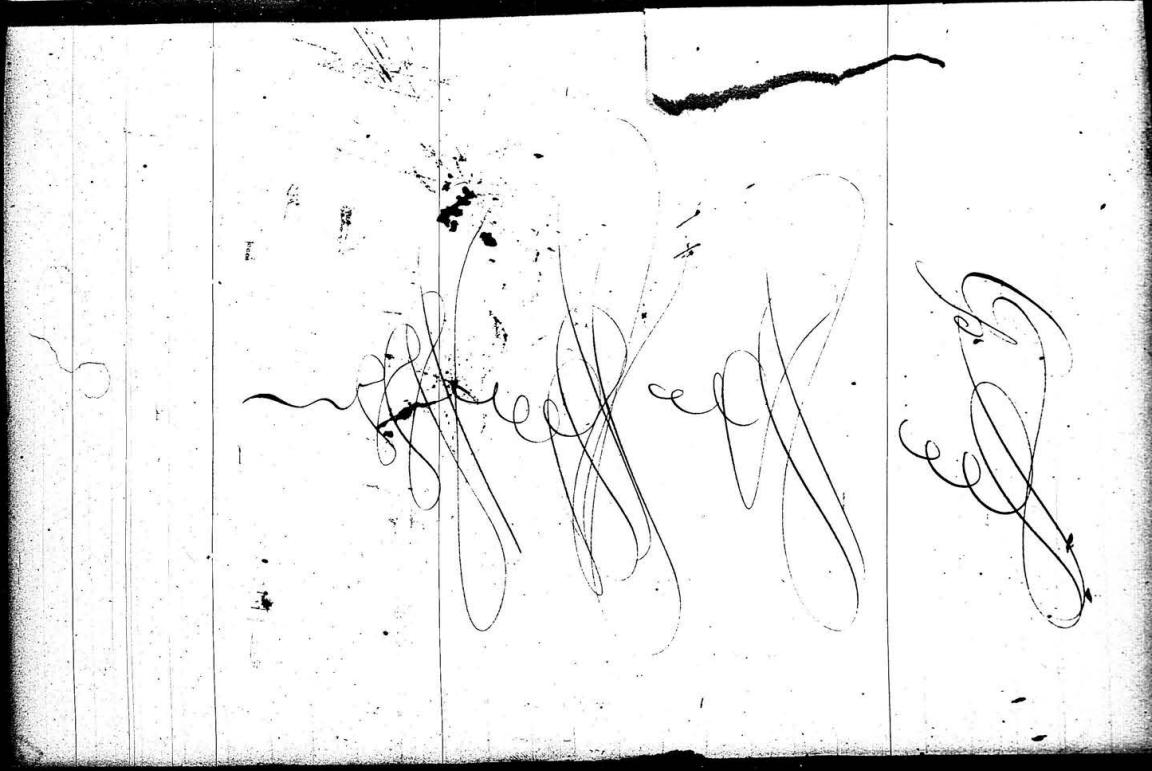
Benton January 1951 123415
19315-67890
Jen.

5335

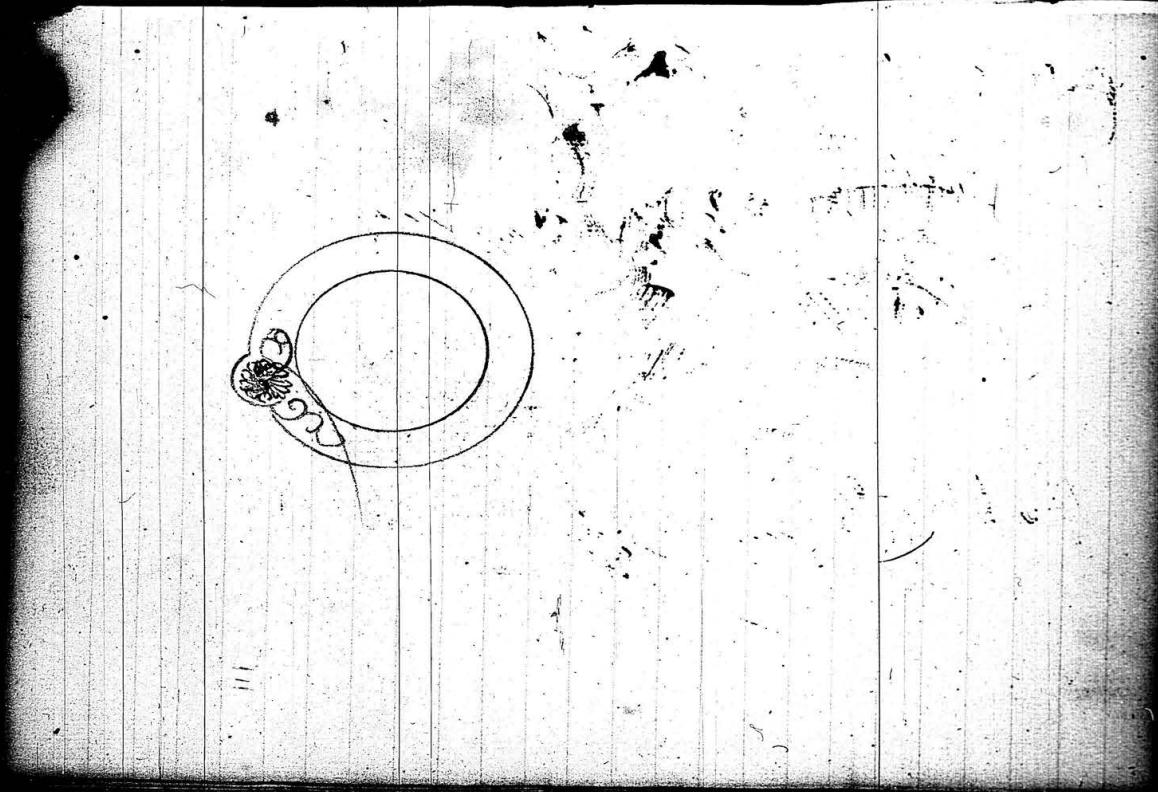
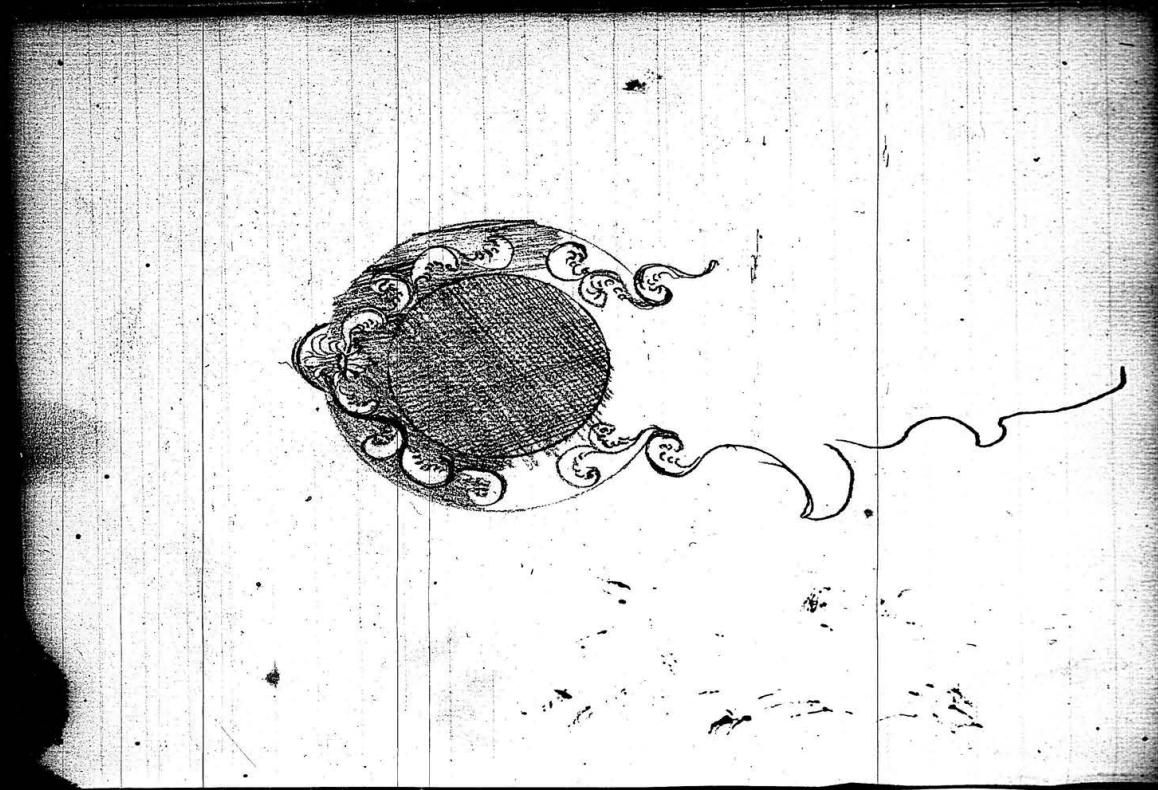








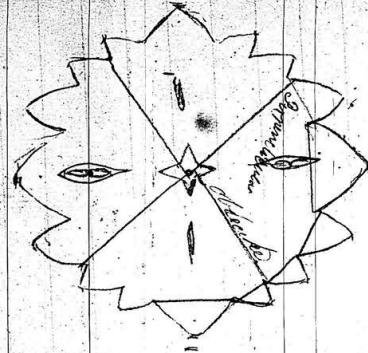




John C. Mackie

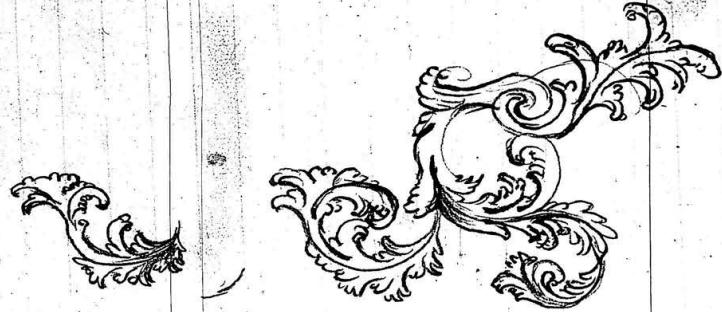
July 1 1882

10

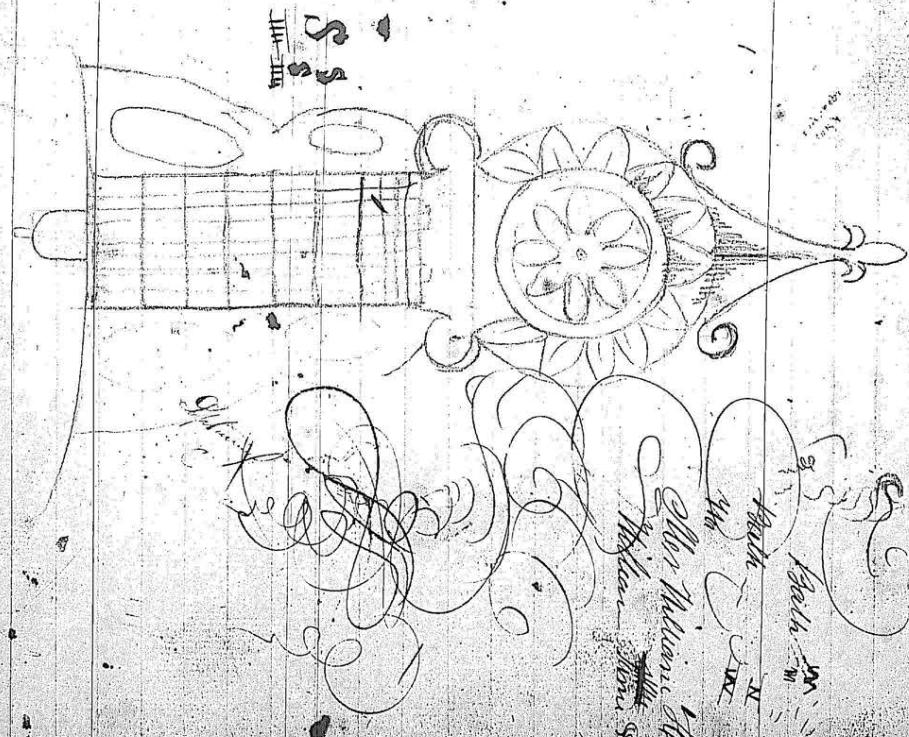


A. 50

11



11



2
375439
Bath
Health
Cure
Old Woman
Mother
Son

Point of a gun-lock

or hole in which the pin re-

ins "strikes" at each up stroke

1st Battery - Human

2nd Nest - Human, a misnomer

of letters - human

of Main Spring

of Battery pins

of letters - man

of Bridge

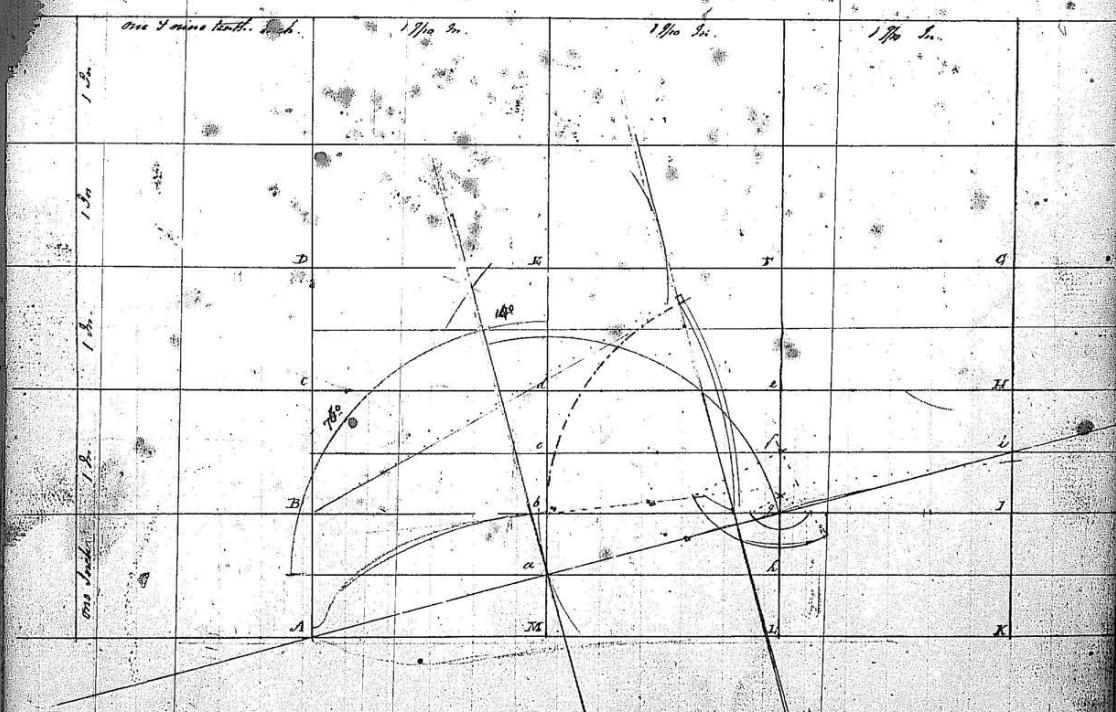
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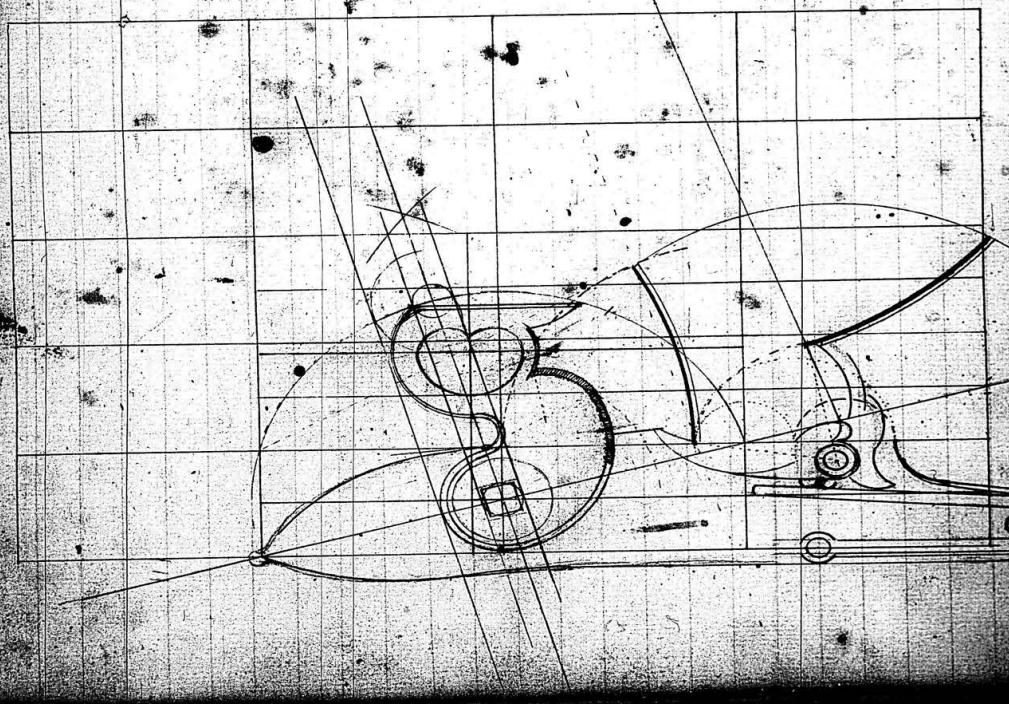
Plate I

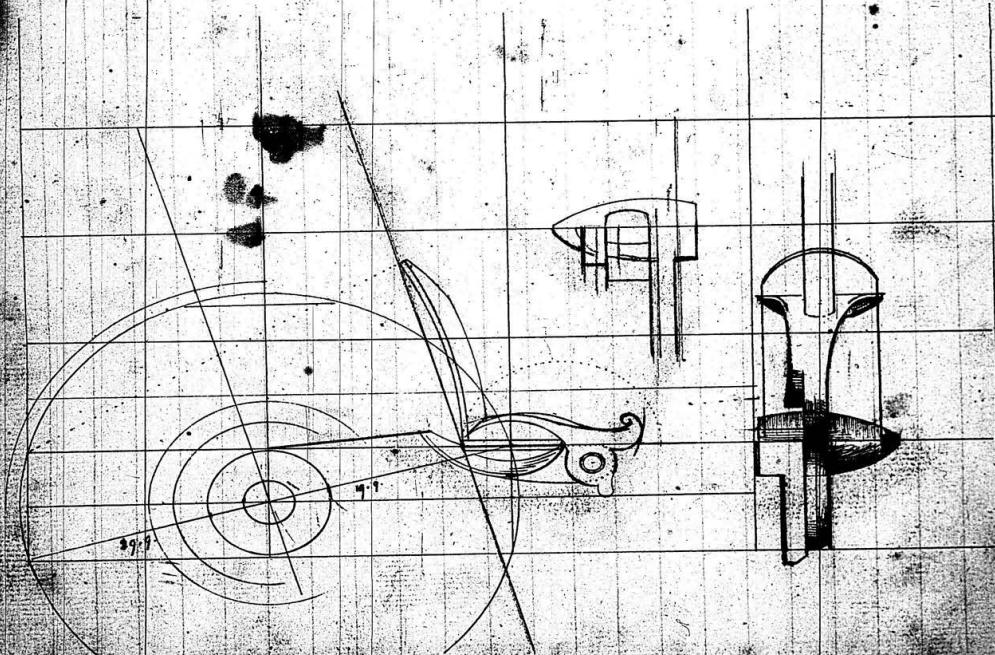
4' 3"

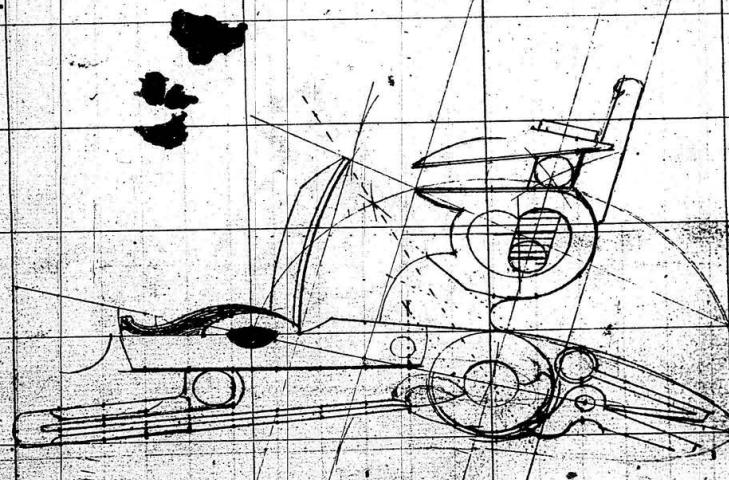
1' 11"

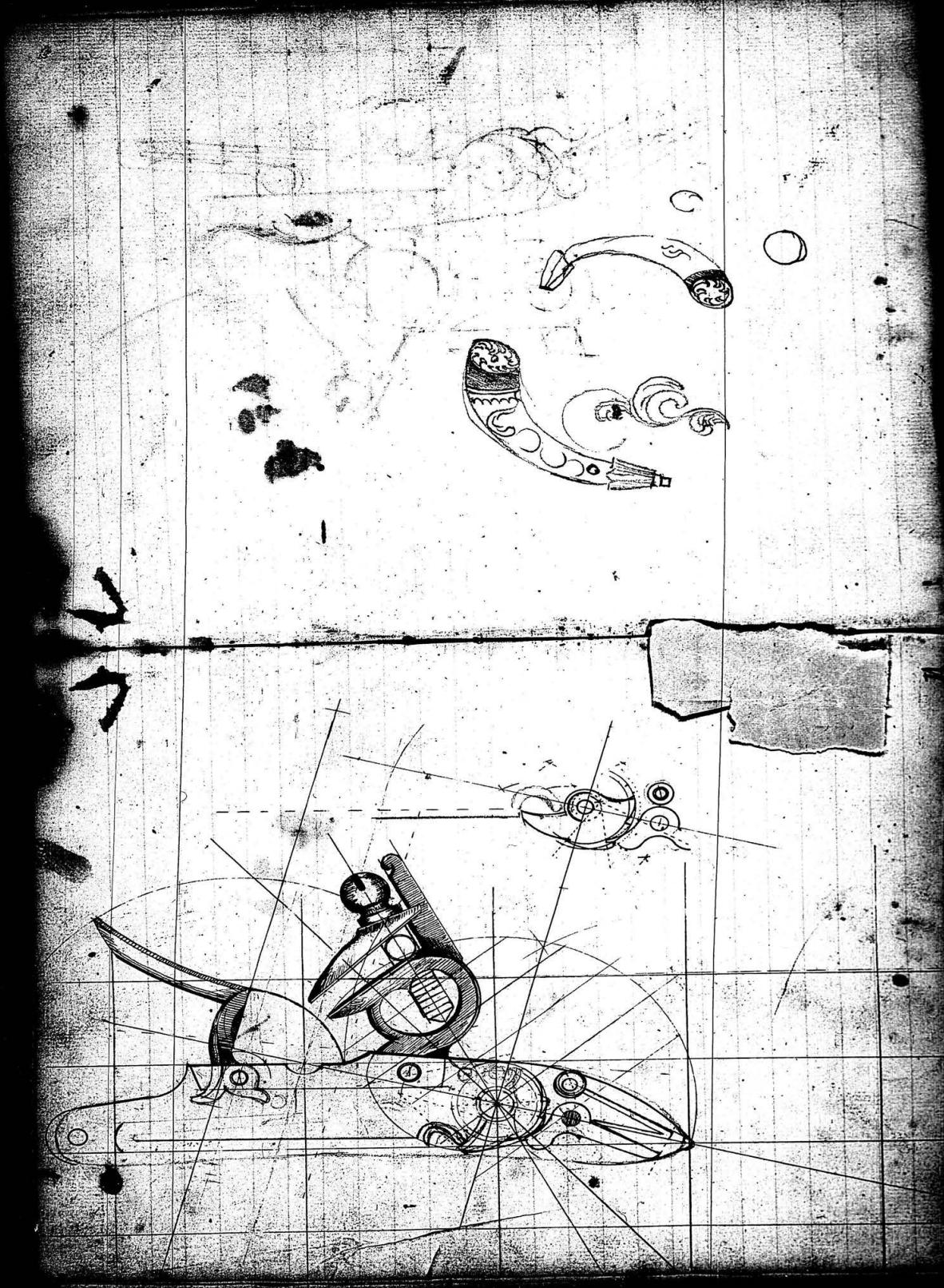
II

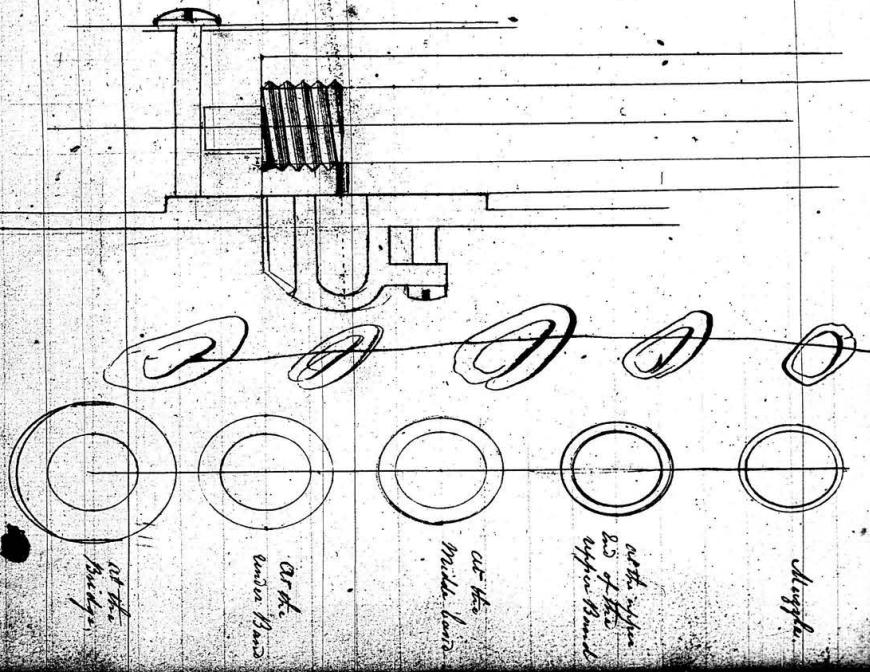












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