

111541

7806	MAIL DIVISION, Department,
<i>a/s</i>	AUG 8 1894

EXECUTIVE MANSION.

*The within communication is respectfully referred to the*

**SECRETARY OF THE TREASURY.**

*By direction of the President:*

**HENRY T. THURBER,**

*Private Secretary.*

*Wash Pristine & plan for  
sparing the dust filed from  
Coins in Mint*

9078	RECEIVED,
	AUG 9 1894
14	IN A ...

NO. 111541	REC: AUG-10-1894
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*encl: 1*

*✓ Mint*

Mint Bureau <sup>161</sup>

August 10<sup>th</sup> 1894

Respectfully refer to  
Superintendent Mint No  
Philadelphia and enclose  
as advised

A. S. Parson  
Director Mint

Rec<sup>d</sup> 8/23/94

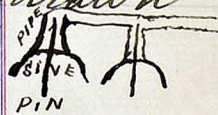
Received August 11 - 94

Philadelphia August 6th 1894

My President,

Here is a suggestion that will be of value to your administration in regards to the new mint of which you are about to erect in Philadelphia in the handling of gold and silver through the various processes of manufacture there are always very fine dust flakes flying particularly when filing to get the exact weights as I understand they do at the mint which I have not visited since I was a boy at any rate here is a plan that will serve you well and save many dollars in the course of a year - Plan Have your ceilings to the various rooms made in the shape of a bell with a twelve inch hole in the center of ceiling connect an air tight cirt or terra-cotta pipe between the partitions to this hole in the ceiling the pipe to then run to an air tight room located in the center of the basement or other out of the way spot near the roof then connect one of these large revolving closed drum fans to these various pipes and force the dust and filings and refuse from all the other rooms to this air tight room for refining could connect other pipes to the sides of the rooms at the bottom on the order of the present heat registers in your adjusting room you could connect each filing pin with a large funnel placed around the pin allowing room enough to work on the pin the funnel to have sieve wire on the inside in case the coin was to fall out of the workman or woman's hand it would not be drawn to the air tight room Fun with funnel attached

This would also keep your rooms clear of all poisonous fumes which arise from the use of acids these fumes could be drawn off ever



from the air tight room at certain times after allowing the deposited dust to settle for instance each morning early before work begins for the day after the fans are stopped in the evening the valve could be turned off to prevent the fumes to work their way back to the various rooms until the dust settles this funnel over the pin would take up every speck of dust the moment it left the coin that was being adjusted to weight under this system you could allow all the windows in the building to be open in the summer time as the air that would come in would only aid in forcing the dust to the suction pipes in the ceiling or around the sides this would give you the best ventilated building in the world you could also connect a gum hose attached to a large funnel and run it over the floor as a sweeper to take up any crumb that might by chance settle in the cracks of the floor or elsewhere which would save you much labor and expense and be more satisfactory in the end

excuse bad writing and spelling wrote in

hurry

Wm H Distine Gold and Silver  
Plater 806 Race St  
Philadelphia Pa

Residence 1352 Hewson St  
18th ward  
Philadelphia Pa

Mh

111541  
AUG-10-1894

187  
9087

NARA RG104, Entry 1, Box 186

[Noted on outside of envelope:]

Executive Mansion.

The within communication is respectfully referred to the Secretary of the Treasury.

By direction of the President: Henry T. Thurber, Private Secretary.

Wn. H. Pristine – plan for saving the dust filed from coins in Mint.

Mint Bureau  
August 10, 1894

Respectfully referred to Superintendent Mint U.S. Philadelphia and under so advisor.

R.E. Preston  
Director Mint

[Letter:]

Philadelphia  
August 6, 1894

Mr. President

Here is a suggestion that will be of value to your administration in regards to the new mint of which you are about to erect in Philadelphia in the handling of gold and silver through the various processes of manufacture there are always very fine dust flakes flying particularly when filing to get the exact weight as I understand they do at the mint which I have not visited since I was a boy at any rate here is a plan that will serve you well and save many dollars in the course of a year – (plan) Have your ceilings to the various rooms made in the shape of a bell with a twelve inch holes in the center of ceiling connect an air tight ring or terra-cotta pipe between the partitions to this hole in the ceiling the pipe to then run to an air tight room located in the center of the basement or other out of the way spot near the roof then connect one of these large revolving closed drum fans to these various pipes and force the dust and filings and refuse from all the other rooms to this air tight room for refining could connect other piper to the sides of the rooms at the bottom on the order of the present heat registers in your adjusting room you could connect each filing pin with a large funnel placed around the pin allowing room enough to work on the pin the funnel to have sieve wire on the inside in case the coin was to fall out of the workman or woman's hand it would not be drawn to the air tight room. This would also keep your rooms clear of all poisonous fumes which arise from the use of acids these fumes could be drawn off from the air tight room at certain times after allowing the deposited dust to settle for instance each morning early before work begins for the day after the fans are stopped in the evening the value could be turned off to prevent the fumes to work their way back to the various rooms until the dust settles this funnel over the pin would take up every speck of dust the moment it left the coin that was being adjusted to weight under this system you could allow all

NARA RG104, Entry 1, Box 186

the widows in the building to be open in the summer time as the air that would come in would only aid in forcing the dust to the suction pipes in the ceiling or around the sides. This would give you the best ventilated building in the world. You could also connect a gum hose attached to a large funnel and run it over the floor as a sweeper to take up any crumb that might by chance settle in the cracks of the floor or elsewhere this would save you much labor and expense and be more satisfactory in the end.

Excuse bad writing and spelling write in hurry.

Wm. H. Pristine Gold and Silver Plater  
806 Race St.  
Philadelphia Pa.

Residence 1352 Hewson St.  
18th Ward  
Philadelphia, Pa.