

1. BOLTON GUN WORKS

E. John Joseph Henry II
2. Correspondence /
1809-1836
48 items

Mr. Christian Hooper

Post of Joseph Henry

48	Long	Back	at 6 feet	82.88
24	Do	Plain Hammock	of 8 1/2	1.32
36	Do	Plain Ham Hamm	" 6	2.16
24	Do	Plain Hammock	" 3 1/2	" 84
36	Do	Swivel	" 4 1/2	1.62
48	Do	Swivel	" 2 1/2	1.20
96	Do	Back screws	" 1 3/4	1.68
48	Do	Upstand screws	" 1 1/4	.84
48	Do	Roller hardware	forming 24	1.92
				<hr/> 814.46

To Mr. Henry

September 11th 1809

My dear Mr. I sent you 68. Must be
paid with the answer for your
and please to send the money for them
with him by securing you with 0 lbs
your friend Nicholas Spooner (D 176:8)

and I expect to make you here after
one hundred thousandths every month
and I shall be down in three weeks again
and please to send your friend's with him

Extract of a letter dated

Longport Dec. 19. 1811

Dear Mr. Dyer & the other unit
Messrs. John & Henry to the Rev. Mr. Dyer
have from them any number of printed
more than 2000 printed in 1811
The very first time to make such number
in any printing & it is a very good
after the whole have just as in the
are the rest & have the printed in the same

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Almonst new book
March 25 1873

Mr Joseph Henry

Phila

new york march 23 1813

Sir

I am extremely anxious for those
Pistols and if there should be any doubt on your
mind as to the payment, if you will take the
trouble to call on Edward D. Corfield Esq he will
satisfy you as to the property in his hands belonging
to me and be assured that as soon as Mr John
Guter acknowledges the receipt of the Pistols
money or a draft on Esq Corfield will be
furnished without delay, my solicitude for
getting a can of Pistols in Philadelphia rests on my
Holsters being made in time, and the necessity
of getting them together you must not disappoint
me —

Very Respectfully
yours &c

W. M. D.

W. Henry



12/

Mr Joseph Henry

Gun Smith

40280 North Third Street

Philadelphia



Amherst August 13th 1813

Mr J. Henry

Sir I am directed by the Governor & the Council to request you to send as expeditiously as you can, 200 muskets & 40 pounds directed to William St. Mande Esq^r in Elkhorn Maryland — It will be necessary to make Enquiry at the Office of the Newcastle Packet if it will be safe to send them by Newcastle & to engage them ~~Amherst~~ to Elkhorn. or to transport them by land all the way — Please to inform me when you send any of them off. & the quantity you send at a time. & by what route they go —

I am respectfully yours obed^t Serv^t

John Hayes

Letter from Thomas
French for Canton
Massachusetts

Canton 5th Dec^r 1813

Sir

I have rec^d your favour of the 14th Ult^o wherein you state that you will give \$12750 for muskets delivered in Phil^a in March or April - I agree to furnish you with four hundred stands in the month of April next at the above price - I wish to know if these ^{being} ~~being~~ ^{being} proved here by a person appointed by the governor of this commonwealth will be sufficient - the proof is the same as at Springfield Armory - by a law of this state we are liable to pay a fine of twenty dollars for each musket sold without being proved by a person chosen for that purpose - In my former letter I requested you to inform me if there were any black walnut stocks that are seasoned for sale in Phil^a if there are you will oblige me by giving such information - I have about thirty brass mounted muskets on hand of good quality which I would sell at the same price they are 2 1/2 inches shorter in the barrel than those made for the U.S. and I would be good in my opinion for privations - If you please inform me if you can dispose of them to a advantage - I have also a number of small locks very well made for plain work and after the Kethland pattern you will please let me know if they would be likely to sell in Phil^a -

I am Sir yours with

W^m J. Joseph Henry

Respect-

W^m J. Joseph

Phil^a
I please answer this as soon as possible

This Contract, or agreement made and entered into at Philadelphia - Pennsylvania - This twenty seventh day of December A. D. 1815.
By and between I Joseph Henry, Gunsmith of the one part, and M. D. Wickham Gunsmith of the other part, as follows - To wit. —

Whereas, there now exists a Contract for muskets between Callender Torine Comd. General and the said I. J. Henry and Wm Henry just bearing date February 9th 1815, of which Contract there remains to be completed Nine hundred & seventy seven muskets, and the said Henrys being desirous of disposing of said balance, the S^d Wickham hath undertaken to complete and fulfill the same, provided the United States indulges him with eight months additional time to what is specified in the original Contract.

In consideration whereof the S^d I. J. Henry have agreed to pay over to the S^d Wickham the balance of the advances made to the firm of the Henrys by the United States, and amounting to Fifty seven hundred & twenty five ⁴⁰/₁₀₀ dollars, in the following manner - To Wit. - To deliver to the S^d Wickham all the component parts of Arms that will answer for the contract, and which the

Henrys have made on hand, all the tools, implements & materials which the S^d Wickham may require, at a fair price. — It is also further agreed by the S^d I. J. Henry to Lease to the S^d Wickham, for the term of Five years from the first January 1816, his large brick shop in Noble St above third together the wing and yard attached to it, free of all encumbrances, at the rate of Two hundred & fifty dollars per year, to be paid quarterly. — The said Wickham agreeing to pay to the S^d I. J. Henry fifty cents per musket, for as many as the U. States permits him to make, for the above consideration.

As the advance becomes due to the U. States the first July 1816. It is further agreed upon by the S. J. Sol Henry, that if the Stock, tools &c. fifty cents per musket for all which may be made at the time, and so much of the rent which becomes due while the S. Wickham is engaged in paying the U. States, the amount which have been received from the Henrius in Stock, tools &c. - should not amount to the sum due the U. States - The S. J. Sol Henry then engages immediately to pay the S. Wickham in either money, or such parts of muskets as he the S. Wickham may require to work up in the Contract, at the rate, and time, that he the S. Wickham have paid, or has to pay the U. States the balance -

The S. J. Sol Henry further agreed that should any of the parts of arms received by the S. Wickham from the S. Henrius, prove defective, they are to be returned to the S. Henrius, and the amount thereof to be deducted from the S. Wickham's account, at the rate they are charged to him -

And it is further mutually agreed upon between the parties, that should any dispute, or disputes occur relative to the fulfillment of this Contract, each party are to choose one disinterested and impartial man, and the two so chosen are to choose a third, whose decision after a full & fair hearing of the case, or cases, shall be final - and the S. parties do hereby promise, and agree to abide by the same -

And the S. Wickham, as well for himself, as for his heirs & assigns, of the one part - as the S. J. Sol Henry of the other part, for himself, his heirs & assigns, do covenant, promise and agree that they shall, and will faithfully fulfill & perform, each unto the other, their respective parts, all the covenants & agreements of the foregoing articles - And for the performance

whereof they bind themselves each unto the other in the penal sum
of Two thousand dollars.

As the foregoing Contract through neglect had not been signed sealed
and witnessed agreeable to the above written date. We do hereby acknowledge
it to be equally valid as if it had been previously signed &c. —

In witness whereof we hereunto set our hands & affix our seals
this ~~thirteenth~~ ^{thirteenth} day of August A. D. one thousand eight hundred and
sixteen —

signed, sealed & delivered

in presence of

John Bowler

Philip Lord

Joseph Henry LS

W. H. Hickman LS

I do hereby authorize M. D. Hickham to receive the amount, and
receipt the bills, for the number of muskets he may order, and deliver
in my name, towards completing the within contract -
August 12th 1816.

Mr. J. Joseph Henry



via New York

Philadelphia

Dallas May 2 1877

Dear Sir
Yours of the 18th ulto came
date the 18th I have just time
to tell you that I wish to know
what ~~you~~ you can furnish
about 80 ~~thirty~~ ~~thirty~~ ~~thirty~~
for, also the printing of photos,
musicals, & cuttings, as I have
just got an order for each
of the above articles, please
let me know as by return of
mail yours in haste

Yours in haste
J. J. Henry
J. J. Henry

*Copy
of
James Wellborn
Certificate*

Phil^a 14th Dec 1819.

Mr Joseph Henry

Sir/ Since you called on me the other day to ask of me a Certificate relative to muskets made by you & Co. and inspected by me between the 30th day of June 18th of October 1809 I have to observe that I did not inspect many for you probably not more than one hundred & them I considered better than the pattern -

Sir/ I recollect that you had another parcel that I was about to inspect - But was informed by Mr. Coxe the purveyor, that a Mr Charles Williams had arrived from the Eastern States, he would complete the inspection of muskets in future -

Sir/ You asked me to state if I knew any thing of Mr. Coxe's opinion of Mr. Williams. - In answer I have to observe, that on the morning of the 27th Sept. 1809 I was at the Purveyors office - he stated that Mr. Williams had made a valuable improvement by weighing the musket barrels to produce a uniformity. - I remonstrated against the plan, as it did not place the metal in its proper situation - and in lieu thereof suggested proper gauges to produce a uniformity in size of Calibre - shape & length -

Sir/ any alteration in the pattern ^{an alteration of tools} which must be always attended with a very considerable expense. I can further note (as it respects Mr. Williams) that complaints for Muskets made complained to me, that they considered him too rigorous as he demanded better work than their patterns.

Sir/ I conceive that Mr. Williams's anxiety to do public good did not consider it his duty to attend strictly to equal Justice.

I am sir your most Obedt.
Signed Daniel Batters

Wm Joseph Brown
Genl Manufacturer

Philadelphia

Wm J. Wemy - Columbia B. Feb 1820

Dr Sir Since my arrival here, now eight weeks, I have postponed writing to you in the hope of being able to annex more satisfactory sales than I am enabled to do at present. I have made every exertion to that effect in my power, by writing to some of your former customers also advertising but without success. The northern rifle has lost a good deal in estimation since the establishment of the manufacture of rifles here as there has been some defect in the rifles it was told to me by one of the firm of Saw & Water formerly Saw & Co that some of your manufacture had been found defective at the same time I made him a decided proposal to test them - I have commenced the retail of them by selling your No 7 for 27 cts - Last Saturday evening I took your No 10 - and met a company of the best marksmen here and out of fifty shot only one other rifle besides yours struck the mark at the distance of full one hundred yards - the mark about two inches diameter. Your rifle like all new ones ~~like all new ones~~ was under the disadvantage of not being previously regulated they are very much admired and I hope soon to establish a good sale for them - At the next meeting I intend taking out some of the higher quality. Should you think proper to give any advice farther that can promote your interest here I beg to assure you with it whilst you may rest assured that no attention shall be lacking to maintain that confidence which you have already favoured me with -

Yrs Most respectfully Wm J. Wemy

Mammorandum book for the purpose of making to Boston. & to be returned since the purchase of one half of William Henry in 1822.

No. 1. Dwelling. Painted the house in 8 outwards

& put a new pond to it. cost \$200

Two acres made in front of

blasted the highway cost \$20.

Two stone walls at the upper end

of house & fence on it \$6.

Three clay boards fence below the

house 20.

Many wood shed 50.

No. 2. New boarding house with kitchen

stable, coal shed &c 1000.

No. 3. New house grown occupied by

Wm. T. T. T. with fence

stable &c 200.

Cost of new fence around No. 1.

\$20.

Turn over.

\$1516.

104. Improved 1 on lined and brought 9500
 New blacksmith's shop. 100.—
 Wells under John Wright house 35.—
 A new shed for carrying stock under 20.—
 A new floor laid in upper part of
 factory 40.—
 roofing out part of factory 25.—
 also new floor in upper part of factory 10.—
 New " " in blacksmith's shop 10.—
 on John Wright lot 10.—
 printing factory 25.—

$$\begin{array}{r} 1120 \\ 2340 \\ \hline 2240.9-2369 \\ \hline 2122.69 \end{array}$$

$$\begin{array}{r} 2240/2122.69/94 \\ \hline 2016 \\ \hline 1080 \\ \hline 896 \end{array}$$

$$\begin{array}{r} 26 \\ 11 \\ \hline 2.86 \end{array}$$

$$\begin{array}{r} 6.8 \\ 6.1 \\ 8.1 \end{array}$$

Mr. J. Joseph Henry
Butterfield's
near Nazareth
Penn^a

$$\begin{array}{r} 1624 \\ 2 \\ \hline 3.24 \end{array}$$

Office of the American Anthropologist
Washington, D.C.
June 10, 1895

Mr. Joseph Henry
New York

Dear Sir,

I have received your favor of 14th with a subject of paper.

We continue to import a part of these articles
required for our trade, but we usually get 100 in 200

manufactured in the United States, and it will be long
before we can both price and quality whether we do not in

fact procure the whole quantity in the country
of the barrels of our rifles are, from 3 to 8 holes, &
often, and the caliber is, in fact of them 32. m. l. or 32. m. l.

carry a ball of 40 to the pound - the locks may
the best strong, roller kind, but not water-proof -

The stocks are generally of our native Maple, or sugar
- tree; but we may find part of them of Black Walnut

The mounting including the stock - but, is of brass, and
well ornamented, and each gun must have a cap to
prevent the sun from shining on it, and a good ball mount -

The whole weight of the Rifle complete, is from 9 to 10 lbs
We always require our Rifles to be ready by the 1st of
April, and we pay for them here 90 days after their
delivery at the Manufactory, ~~the Manufacturer~~ then
according to our direction, ~~that~~ at our expense - ~~they~~
are put up in boxes of 10 Guns each, and the cost of the
Box packing is included in the price we pay for each Rifle
If you think proper to make and send us a
sample with note of your terms I will have it examined,
and make report you thereof without loss of time

Yours
Very Respectfully,
John Burg

Yours most affec
Wm. B. Carter
Smithson Institution

Mr. J. Joseph Henry

Presents

Office of the American Fur Company
New York 5 January 1826

Mr. J. George Henry
Presents

Sir,

Agreeably to an understanding
had with you to day - the American Fur Company hereby agree
to take from you One hundred & thirty Rifles, of the description
and on the terms & conditions as follows. - We -

Firstly, to carry thirty two Balls to the pound - the whole to be stocked with
to carry forty Balls to the pound - the whole to be stocked with
Maybe used; each to have a Wagon & Ball mould to fit & lock or
other wooden case - to be in length of Barrel. three feet eight to three
feet ten inches - to weigh when completed nine & a quarter to ten
pounds, and in every respect to be equally good & well finished
as the one now kept with the Company as a sample - the forty
Rifles carrying
thirty two Balls to the pound to be put in 4 boxes of 10 each
marked with distinct numbers - the other hundred in 10 boxes of 10 each
and marked with numbers 1 to 10 - each case to contain an assortment
as respects length & weight of the Rifles - the whole to be accurately
packed in strong cases and delivered in Philadelphia on the 1st April
next to Thomas Haysen Agent for Ireland Transportation N^o 6 South
Fourth Street, where the Company agree to pay you in Cash three
dollar & a half dollars for each Rifle in the following manner. We -
On delivery of the whole in the manner above described to Messrs
Haysen, he will deliver to you order a letter to your address containing
the amount as above stated - It is understood that the same

of mine & a half dollar per trip is meant to include parking,
car, transportation to Milwaukee, and any other description of
charge until delivered in good condition to our transport
Please acknowledge receipt of this stating your intention
to comply with the conditions of same by which it may consider
no longer state -

With Respect & Love,
Your Old Friend
M. J. O'Sullivan
P.S. states
Love & protection always

Mr. J. Joseph Henry

Office of the American Fur Company
New York & Albany 1826

Mr. Joseph Henry
Agent.

Sir:

As you state this morning that it would be equally convenient to deliver the Rifles in the City as in Philadelphia, I have concluded that it will better suit our convenience to receive them here; with the understanding however, that no additional expenses are to be incurred in consequence of this deviation from our original bargain. — The amount of your Bill will be paid here to your order, or remitted as you shall prefer, on receipt of the Rifles —

In addition I wish you to make no dis good spare stocks equal to alike in every particular with those on the Rifles and pack them in one of the Boxes to be marked ^{at} — the purpose of them being to supply a loss or accident, I desire them to exactly fit any one of the Rifles packed under this mark — We shall expect you to charge at no less a rate as before —

Please reply to the asking your intention to comply with my request and oblige
Yours Obedt Servt

Wm. A. Peter
Asst. Fur Co. N.Y.

Dept of State

John H. Lee

W. J. Joseph Henry

Boulton Gun Works

near Nazareth -

Northampton County Penn^a

Dep't of State
Aug 9th 1826 -
Patent Office 21st 1826 -

Sir

I have this morning received your letter, re-
lating to your improvement in making gun locks. It will be
necessary to give a drawing and model of every part that you
wish to patent, that they may not only be seen to be distinct
from all others, but also offer the patent is granted, that they
may be thus guarded from the invasion of others. - ^{Taking any}
your locks are made in this manner in America,
except by a gunge is common not now, & whether if a Patent
is given, it will be expensive, is for your consideration rather
than mine. - I send you a copy of Instructions with respect
to forms - and am

Yrs, respectfully, W: H

William Houston -

W: H. George & Son

PATENTS.

Patent Office, MARCH 5, 1811.

HAVING the honor of directing or superintending the important duties of issuing patents for arts and inventions, I have thought it a duty to my fellow citizens to publish a few lines of information, by which many may be enabled to dispense with long journeys to the seat of government, or troubling their friends with a tedious correspondence.

Viewing with astonishment the inventions of my countrymen, I cannot contemplate them without being impressed with the idea that no nation on earth surpasses them in genius. Even the unlettered inhabitants of the forest have perfected inventions that would have done honor to Archimedes; and I reproach myself for not having published, long ago, a few directions how to proceed in securing the advantages of the efforts of their talents.

Before an application be made for a patent, I would advise the inventor to examine well the dictionaries of the Arts and Sciences, the Repository of the Arts, and other publications that treat of the mechanic arts, to endeavor to ascertain if the invention be new; also to make enquiry, of scientific characters, whether or not the invention or discovery be practicable. These previous inquiries will sometimes prevent great trouble, and save the expense of much time, labor and money; for a patent does not confer rights where just claims do not exist; and as there is at pre-

sent no discretionary power to refuse a patent, even where no just claim exists, it may appear proper to caution the purchaser of patent rights against the supposition that the invention patented, is always valuable, or new, or that it interferes with no previous patent. The respectable names of the president, the secretary of state and attorney general, are requisite to give validity to a patent; but ought never to be considered as an evidence of the originality or utility of the invention. The issuing of patents is grounded, not only on a desire to promote the progress of useful arts, but also to prevent the loss of valuable secrets; for many have been buried with the inventors, previous to the organization of this system of protection for the property of talent, mind and genius. Formerly the arcana of any profession were withheld from the tyro; his initiation was gradual and secret, and the caution with which inventors worked, to prevent the infringement of unprotected rights, conferred many important inventions to limits too narrow to materially benefit the inventors or the world; at present the law grants a monopoly to the inventor for a limited time, provided the art, invention, discovery, or machine be truly explained, deposited and recorded, for the benefit of mankind, when the time limited has expired; and the patent is not only an evidence that the inventor has formally confided his secret

* Except in the cases of interfering claims, till such claims have been settled by reference, according to the 6th section of the Law, Vol. 2, p. 504.

to the public, but also a declaration of the protection of the right from infringement; nevertheless, of the infringement of the right, by others, a jury of the country is only competent to decide.

As it can be mathematically demonstrated that no human invention can produce a machine capable of undiminished power, or power regenerating itself, and forming what is called a perpetual motion—an oxymoronic non-sense will be demanded for every such attempt, before a patent can be granted: otherwise no proof can be given of its being what its name designates, and for which a patent is demanded. It is hoped that this will prevent many ingenious, but unlearned men, from attempting what the scientific know to be impossible. Some set out by searching, through levers and large wheels, to increase power; forgetting that this is to diminish velocity—then they multiply and diminish the power to give velocity; this brings them to the point whence they set out—thus it is considered as an axiom in mechanics, that to increase power is to diminish velocity, motion or action, and vice versa. They must also consider that man, in all his operations, works against gravity and friction. A perpetual motion is therefore only considered as a perpetual motion; and ought never to be attempted till the sun rises in the west!

The general law concerning the issuing of patents will be found in the second volume of the laws of the United States, page 200. This law provides for citizens only; but a subsequent law (Vol. 5th, page 88) provides also for applicants who have resided two years or upwards in the United States, and who are not citizens.

In applying for a patent, it is necessary to attend to every legal form; for, in consequence, of inattention to forms* only, some of the patents issued formerly have, in courts of law, been declared to be null and void.

MODE OF APPLICATION.

† Every inventor, before he presents his petition to the secretary of state, signifying his desire of obtaining a patent, shall pay in to the treasury of the United States thirty dollars, ‡ for which he will be furnished with duplicate receipts, one of which he shall deliver to the secretary of state, when he presents his petition; and the money thus paid shall be in full for the sundry services to be performed in the office of the secretary of state consequent to such petition. This petition must be addressed to the secretary of state, and may be in the following, or in a similar style:

TO THE HON. ——— SECRETARY OF
STATE OF THE UNITED STATES:

The petition of A. B. of ———, in the
county of ———, and state of ———,
respectfully represents:

*That your petitioner has invented a new and
useful improvement [“or” art, machine, ma-*

chine, or composition of matter, or any new
and useful improvement in any art, machine,
manufacture, or composition of matter] in ———
not known or used before his applica-
tion, ‡ the advantages of which he is desirous of
securing to himself and his legal representatives,
he therefore prays that letters patent of the Uni-
ted States may be issued, granting unto your pe-
titioner, his heirs, administrators or assigns, the
full and exclusive right of making, constructing,
using and vending to others to be used, his said
improvement, (art, invention, machine, manu-
facture or composition of matter, &c.) agree-
ably to the acts of Congress in such case made
and provided: your petitioner having paid thirty
dollars into the treasury of the United States,
and complied with other provisions of the said acts.

A. B.

The specification or description of the ma-
chine, art, discovery, or invention, must be
given in clear and specific terms, designating
it from all other inventions, and describing
the whole in such a manner, as to compre-
hend not only the form and construction, (if
a machine) but also the mode of using the
same; and if it be only an improvement on a
certain machine already invented by the ap-
plicant or any other, it ought to be so men-
tioned or described; and as this specification,
description or schedule, it must be without any re-
ference to a model or drawing, and must be
signed by the applicant or applicants, before
two witnesses. It is material that this be in
good language, and correctly written, as it is

* Oliver Evans's was among the number.

† See laws of the U. S. vol. 2 chap. xi § 11 p. 205

‡ Notes of the bank of the United States.

§ 1st section of the above, page 200.

transcribed into the patent, and the original papers will be deposited in an office, that will hand them down to posterity; by which the honor of the country is concerned in this attention. The modest inventor will no doubt, exclude those panegyrics on the excellence of his invention, or discovery, which abound sometimes in the productions of the inferior genius, but which ought not to enter into the patent.

The following, or a similar oath or affirmation, taken before a judge of any of the courts, or a justice of the peace, or any person qualified to administer an oath, by the applicant or applicants, must be subjoined to the specification, if citizens of the United States.

FORM.

County of _____ } ss.
State of _____ }

On this _____ of _____, 182 , before the subscriber, a Justice of the Peace, in and for the said county, personally appeared the aforementioned A. B. and made solemn oath [or affirmation] according to law, that he verily believes himself to be the true and original inventor or discoverer of the art, [machine, invention, or improvement, composition of matter, &c.] above specified and described, for _____ (mention here the object or intention) _____, and that he is a citizen of the United States.

Just. Peace.

If not a citizen (or citizens), the following addition must be made to the declaration "that he verily believes himself to be true and original inventor or discoverer of the art, &c."

"*And that the same hath not to the best of his*
"*(or her) knowledge, or belief, been known or*
"*used either in this or in any foreign country.*"

"Also, that he (or she) hath resided in the
"United States for two years and upwards."

It is not necessary that the time of residence
should immediately precede the application.

If any inventor or discoverer should die in-
testate before an application be made for a
patent, his legal representatives may apply
for the patent, in trust for the heirs at law;
otherwise in trust for the devisees.[†]

The specification must be accompanied by
a good drawing, in perspective, of the whole
machine or apparatus, "[‡] where the nature
of the case admits of drawings, or with speci-
mens of the ingredients, and of the compo-
sition of matter, sufficient in quantity for the
purpose of experiment, where the invention
is of a composition of matter." "And such
inventor shall moreover, deliver a model of
his machine, provided the secretary shall
deem such model necessary." It is requisite,
in giving a drawing of the machine, to give
also sectional drawings of the interior, when
the machine is complex; and every drawing
should be accompanied with explanatory re-
ferences. If the machine be complex, a model
will likewise be necessary, not only to ex-
plain and render comprehensible to a com-
mon capacity, but also to prevent infringements
of rights; for many will plead igno-
rance of drawings, who cannot avoid con-
viction by wheels and pinions.

* Laws of the U. S. vol. V, chap. xxv, p. 86.
† U. S. laws, vol. V, chap. xxv, sect. 2, p. 86.

‡ Ibid, vol. II, chap. xi, p. 202.

The drawings ought not to exceed a quarto size, and if confined to octavo they would be still better, where it can be done conveniently and distinctly.

Many of the drawings in this office are executed in a very handsome style, and do much credit to the gentlemen whose names are ascertained. If the artists would always sign them, with their directions, information might be given to the applicants for patents, where to apply for drawings.

Among the best I have received, I notice the names of

Messrs James Aiken, Philadelphia;
John Almy, Aurora, New York;
T. C. Bell, Baltimore;
Charles Burton, Washington City;
John Bernard, Utica, Oneida Co. N. Y.
Jacob Clet, & W. Wilkesbarre, Penn.
Amos P. Duobittle, N. Haven, Conn.
Robert Dorr, Philadelphia;
George Hadfield, Washington City;
Philip Hooker, Albany, New York;
Jacob Janson, Marietta, Lancaster, P.
John Justice, Philadelphia;
Garrit Lansing, New York;
F. Landebury, Morgantown, Penn.
William Mason, Philadelphia;
Robert Mills, architect, Philadelphia;
J. L. D. Mathies, Canandauga, N. Y.
Alexander Parry, Poplar st. Boston;
Thomas Pope, Philadelphia;
T. A. Poppleton, New York;
Pecham, Roxbury, Mass.
John R. Peniman, Boston.

Messrs. Abner Reed, Connecticut;

A. Robertson, no. 78, Liberty st. N. Y.
John R. Smith, New York.
John F. Somerby, Catskill, N. York.
John Stickney, Lexington, Kentucky.
Stiles, Worcester, Mass.
Wm. Strickland, Philadelphia.
Alexander Valcourt, Baltimore.
James Watson, Utica, Oneida Co. N. Y.
John Watts, do. do. do.

Many being without the names of the artists I cannot do all the justice I wish.

The papers must be all sent directed to the Superintendent of the Patent Office, under cover to the Secretary of State, which of course, renders them free of postage; but, if models be sent, their freight or carriage hire must be paid, and before packing them, the name or names of the inventor or inventors should be written thereon, with the name of the machine, and the date; for, sometimes on receiving them, it is difficult to know to whom they appertain.

The congress being impressed with a high sense of the value of the inventions of our citizens, have purchased an elegant and extensive building, wherein preparations are made for the accommodation of a very numerous collection of the machines illustrative of the ingenuity displayed; and this museum of the arts, it is presumed, will stimulate the ingenious to send the models of their machines and inventions in a style that will rather honour than discredit themselves and our country.

Copy-rights of books, prints, charts, maps,

&c. are secured "by * depositing, before publication, a printed copy of the title of such map, chart, book, or books, in the clerk's office, of the district court, where the author or proprietor shall reside, who will record the same; and the author or proprietor shall, within two months from the date of the record, cause a copy of the said record to be published in one or more of the newspapers printed in the United States, for the space of four weeks. And if a map or chart, shall cause the following words to be impressed on the face thereof; viz. Entered according to act of Congress the --- day of --- 183--- [here insert the date when the same was deposited in the office.] by A. B. of the state of --- [here insert the author's or proprietor's name, and the place and state where he resides.] --- Any person wishing to reproduce a copy-right book, print, or map, must first obtain leave in writing from the proprietor, signed before two witnesses, and any person publishing a map, print, &c. without first complying with the law is liable to a penalty of 100 dollars.

* Within six months of publishing the map, chart, book, or books, the author or proprietor shall deliver, or cause to be delivered, to the Secretary of State, a copy of the same; and, when deposited, and entered in the Dept. of State, a certificate will be returned of its being received. † This will secure the same.

* See an act for the encouragement of learning, &c. Laws of the United States, volume 1st, chap. 15, sect. 3, page 121.
† Laws of the U. S. vol. 1, sect. 14, p. 123.
‡ Ibid. sect. 1, page 118, 119.

right of publication, fourteen years, to the author or proprietor, if a citizen of the United States, or resident therein. "And, if at the expiration of the term, the author, or authors, or proprietors, or any of them, be living, and a citizen or citizens of these United States, or residents therein, the same exclusive right shall be continued to him or them, his or their executors, administrators, or assigns, for the further term of fourteen years: provided he or they shall cause the title thereof to be recorded and published in the above manner, within six months before the expiration of the first term of fourteen years aforesaid. In securing designs for paper-hangings and ornaments for rooms, &c. a specimen of each should be deposited in the clerk's office, where the inventor resides, who will describe, in writing, all the ornaments, and the colors used in each, so as to designate them with the changes that are proposed to be used in changing the ground and general tint. Let each paper thus described, be numbered 1, 2, 3, &c. and after entering them in the clerk's office, and publishing them as directed, let a specimen of each be sent to the person who directs the patent office, with corresponding descriptions and numbers; & a certificate of such a deposit will complete the requisitions of the law in securing the exclusive right to each original production of genius.

WM. THORNTON.

Mr. J. L. &
Mr. C. Stephen Henry
New York.

Office of The American Fur Company
New York 4 November 1826.

Mr. A. S. Henry

Sir.

Agreeably to an understanding
had with you and in accordance with your letter of
this date I agree to take from you the Rifles required
by the American Fur Company the ensuing year - The
quantities of each kind wanted I will acquaint you
with as soon as known say in two or three weeks -

They will be paid for in Cash here on the 20. April
next when they are received agreeably to our bargain -

Respectfully your Obedt. Servt

John Jacob Astor
for the American Fur Company.

Mr. Joseph Henry
New York

Office of The American Fur Company
New York 6. November 1826.

Mr. J. Joseph Henry
Sir.

Your proposition to make for the Company a number of Shot Guns in imitation of one given to you as a pattern last spring is received, & to which I accede - It is understood that the whole quantity you are to make for us for the ensuing year is to be Five Hundred Guns including Rifles contracted for in the disinst. - The number of each kind, length of Barrels size of Bore of the Rifles &c will be communicated to you as early as practicable, say in two or three weeks - For the above mentioned Shot Guns completed in every respect as stated in your proposal, and delivered here on the 20 April next, the Company agree to pay you at the rate of six & a half Dollars each in Five months from the time so received. -

Respectfully your Obedt Servt.

John Jacob Astor Presd.
The American Fur Company

Mr. Joseph Henry
Dept. of Agriculture
Washington D.C.
Pennsylvania

(Duplicate)

Office of The American Fur Company
New York 1 December 1826.

Mr J. Joseph Henry
Poulters Gun Works. near Nazareth
Pennsylvania.

Sir

In conformity with the contract made with you on the 6th ulto for Rifles & Guns. I have now to state particulars of the different kinds and quantities of each wanted as follows. Under mark $\frac{1}{2}$ and in boxes of 10 each we require 70 Rifles in every respect like those made by you last year and 100 Guns of the following dimensions. Say 10 of 4 feet barrels.

20. " 5 $\frac{1}{2}$ " " "
50. " 3. " " "
20. " 2 $\frac{1}{2}$ " " "

Under mark $\frac{1}{4}$ in boxes of 20 each 100 Guns of the following dimensions say 40 of 3 feet Barrels
40. " 2 $\frac{1}{2}$ " " "
20. " 2 $\frac{1}{2}$ " " "

And under mark $\frac{1}{2}$ in boxes of 10 each 190 Rifles of the English pattern to carry 32 Balls to the pound. with the pattern of this kind left here by you there is neither Wiper nor Mould. but you will not forget that those to be furnished must be complete with every appendage as expressed in the contract. We wish each box to have marked on the end the length of the Guns contained in it. Please bear in mind the positive necessity of having the Gun Stocks as near the shade of Red explained to you here as possible, and if convenient to send one here soon, as you mentioned we would be pleased. Endeavour also to have the little raised work made on the stocks in continuation of the breech piece as was shewn to you.

The whole number which we order is short of 500. as you will perceive though we may yet require some few more of the Guns in which case notice will be given you very soon. Please acknowledge receipt of this

Respectfully Your Obedt Servt!
(signed) John Jacob Astor Presd.

(over)

New York 7 December 1886

Mr J. Joseph Henry
Boulton Gun Works &c.

Sir,

Your letter of 4 inst. came to hand this morning — On the other side is copy of my respects to you under date of 4 inst., which should have reached you before the date of your letter — The accompanying instructions are contained in that, and to which we have to add memorandum for 4 doz. Rifle Locks, provided you will not charge too high for them — those of last year were quite too high; & some then pay so much we must get them elsewhere, though we would prefer them of your make — Be good enough to state the lowest rate you will make some at, and we will inform you of the number we want, & how to pack them &c.

Respectfully Yours Obedt Servt.

B. M. Clapp



Mr. J. Joseph Henry

Boston, 100 Centre
near Haymarket

Permanently

43/2
23/16

Office of The American Fur Co
New York 20 December 1826

Mr. J. Joseph Henry
Boulton Gun Works

Sir. I have your letter of 9 inst. acknowledging receipt of mine of 8. so much time had elapsed however before this acknowledgement came to hand that the letter of 1. was sent in duplicate with some remarks under date of 7 inst. to this. I am yet without a reply -

The 4. doz. Rifle Locks wanted you may make, and we must trust to the chance of your charging them as low as they can be bought here - 2. dozen of them must be like those on the American Rifle, and 2. dozen like those on the Rifles of English pattern - and may be packed in one of the boxes of each kind of Rifle.

The Carving on the Breech alluded to in my former letter is to be on the Shot Guns - you mention being undetermined what kind of locks you would put on these Guns, and if practicable I would certainly prefer those like the English, as I have no doubt they will give better satisfaction.

Since writing the foregoing I have concluded to add to the order already given you 100. Rifles like in every respect to the 70. of American pattern, to be packed in boxes of 10. each and marked $\frac{A}{P}$, and to be delivered here at same time with the others -

On referring to the previous order I find copied in our Books 790. Rifles wanted of the English pattern to be put up under mark $\frac{A}{P}$ - this is an error, we

want of this kind but 120. — and to be certain that the whole will be properly understood by you I add a list of all the Guns & Rifles wanted for next spring as follows — viz

mark $\frac{I}{AVF}$ 70 Rifles of American pattern in boxes of 10 each

" 100 Guns in boxes of 10 each aparts viz 10 of 4 foot Barrels

20 . 3 $\frac{1}{2}$ " . . . —
50 . 3 . " . . .
20 . 2 $\frac{1}{2}$ " . . .

" 2 doz Rifle Locks to be put in }
one of the boxes

mark $\frac{I}{AVF}$ 120 Rifles of English pattern in boxes of 10 each

" 2 doz Rifle Locks to be put in one of the boxes —

mark $\frac{I}{AVF}$ 100 Rifles of American pattern in boxes of 10 each

" 100 Guns in boxes of 20 each, aparts viz 40 of 3 foot Barrels

40 . 2 $\frac{3}{4}$ " . . . —
20 . 2 $\frac{1}{2}$ " . . .

Making a total of 490 Rifles & Guns, a number within the limits of the quantity which you consented to make —

Please acknowledge receipt of this as early as convenient & oblige
Yours Obedt Servt.

John Jacob Astor Pres
of the American Fur Company

Mr. J. Joseph Henry

Anden Gun Works
near Nagasaki
Japan

