

18th Century Material Culture

Cooperage

Kegs & Cocks



Coopers



A Dutch Cooper
by Willem Basse c. 1628 - 1648
(The British Museum)



ENGELS - KVIPER.

Wat wil deze Kuiper maken?
Mocht hy 't werk niet liever staken?
Wat hy drijft, en wat hy bind,
Deze Leeuw zijn werk verslind.

Ziet hoe scheurt hy in uw' vaatje:
Scheid 'er uit mijn lieve maatje,
Of uw' ton raakt over hoop;
Dan was goede raad duur koop.

Wat de Leeuw niet kan verslinden,
Doen geswooren eendrachts vrienden.
Yeder wraakt 't begonnen vat;
Om dat tweespalt daar in zat.

In dit vat meent hy te vatten,
Engelsch, Schotsch en Yrsche schatten;
Om zijn staat te houden op,
Maar hy krijgt wel haast de schop.

Want de Leeuw zal hem besnuiken,
Wil hy hem tot voordeel bruiken,
En meê sloepen in zijn nest,
Voordeel van 't Gemeene - best.

Geen van d'hoepen die wil passen,
Of gy moestze beter lassen,
En de bodem niet en past:
't Eind van 't werk dat draagt de last.

Domme Kuiper werpt uw' hamer,
Uit uw' hand, en word bequamer.
Dat men doet met onverstand,
Baart de meester schâ en schand.

Wilt de Vrede t'zamen binden,
Dat de wraakzucht niet verslinde,
Man en paard van ieders kant.
Bid om vree, 't staat in Gods hand.

J. DE MOL.

Tot MIDDELBURG, by Jan Bastiaansz. Krol, ANNO 1652.

“ENGELS - KVIPER” (“English Cooper”) - Satire of the Threatening Peace with England
by Jan Bastiaansz, Middelburg 1652
(The British Museum)



ENGELS - KVIPER.

“ENGELS - KVIPER” (“English Cooper”) - Satire of the Threatening Peace with England
by Jan Bastiaansz, Middelburg 1652
(The British Museum)



Token for Thomas Hogsflesh, Cooper
c. 1649 - 1672
(The British Museum)



Token for John Barnes, Wine Cooper of London
c. 1664
(The British Museum)



Token for Giles Stuchbery, Cooper of London
c. 1658
(The British Museum)



Token for Daniel Arnold, Wine Cooper of London
c. 1668
(The British Museum)



Any work for Iohn Cooper
Vieux Tonneaux vieux Peincons
Caccia Mastelli

The Cries of London: "Any work for John Cooper"
after Louis Philippe Boitard, after Marcellus Laroon II c. 1688, Reworked and Published after c. 1750
(The British Museum)



Cooper
by Anne Claude Philippe de Tubières, Comte de Caylus after Edme Bouchardon 1742
(Metropolitan Museum of Art)

JAMES LACY,
COOPER and PATTEN-MAKER,

Near the TOWN-HALL, MARKET-STREET,

P O O L E:

Makes and Sells the following Articles, viz.

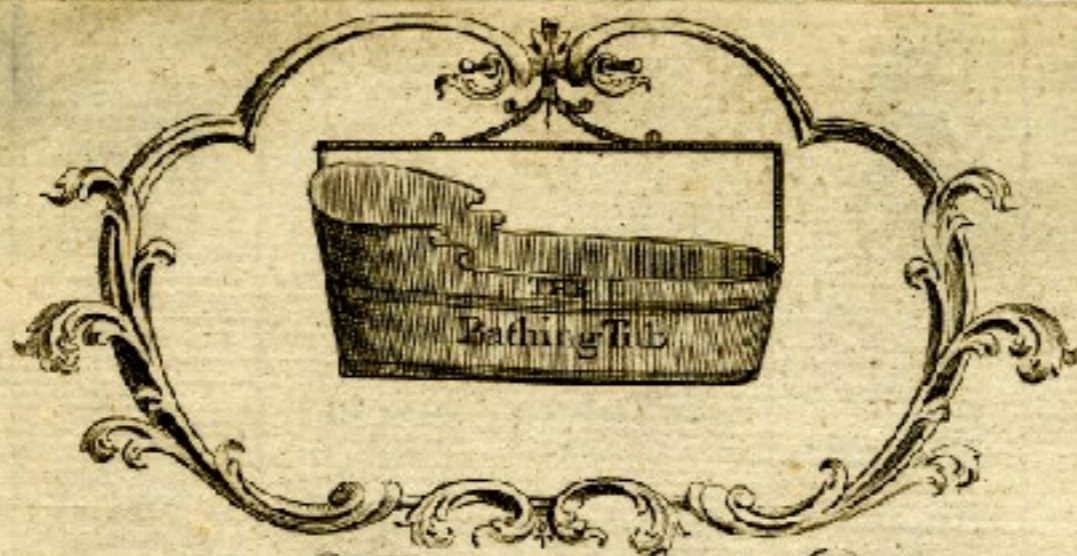
CASKS of every sort and size
Round and oval wash and
washing tubs
Ditto powdering tubs and files
Trendles, house and stable buckets
Butter churas and milk pails
Flaggons and flour tubs
Pattens and clogs
Bath pattens
Patten-woods, rings and ties,
wholesale and retail
All sorts of stain'd and plain chairs
Hair brooms of all sizes
Hair and whisk carpet ditto
Mahogany and stain'd hearth brushes
Painted and plain ditto
Best cloaths and hat ditto
Dairy and shoe ditto
House and stove ditto

Bone buckle and tooth brushes
Water and tar ditto
Oil and paint ditto
Table and plate ditto
Mops and mop-heads
Ivory and horn combs
China and foot-plate baskets
Child bed ditto and cradles
Bread and market baskets
Cloaths ditto and baskets
White and brown mats
Childrens and rush baskets
Mooks and Hampers
Rush door mats and hassocks
Hair and Spanish mats
Table ditto and matting
Kitchen and chamber bellows
Measures and shovels
Cream and handle bowls

Milk dishes and wood spoons
Skimmers and ladles
Wood cocks and taps
Chocolate mills and punch ladles
Butter prints and pats
Ditto scales and cheese vats
Trenchers and rolling pins
Hair and lawn sieves
Ginder and jockey ditto
Milk and posset cages
Spice and pepper boxes
Shaving ditto and brushes
Salts and mousetraps
Hunting, whip and peg tops
Blacking balls and cakes
Nails, biages, locks and gimblets
Iron frying pans
Gridirons and coal sifters
Variety of Dutch and English toys.



Coopers Dividers that Extend from 10" - 15"
17th - 18th Century
(Jim Bode Historic Tools)



John Adams Coover

At the late M^r Pampion's near White Chapel Bars, LONDON,
Makes

All Sorts of Coopers Work Vix! Brewing Vessels Mash tubs
Underbacks Coolers and Casks

For the Dairy

Barrel-Churns, Upright Churns, Milk-tubs, Milk-Kennets, Long tubs,
Cheese-tubs, Milk-pails, Ham-tubs, Ham-trays, Bathing-tubs, Washing-tubs,
Rinsing-tubs, pails, Piggins, Gallons, Beer-drinking-tubs, Maitring-tubs, & Cisterns.

SELLS ALSO

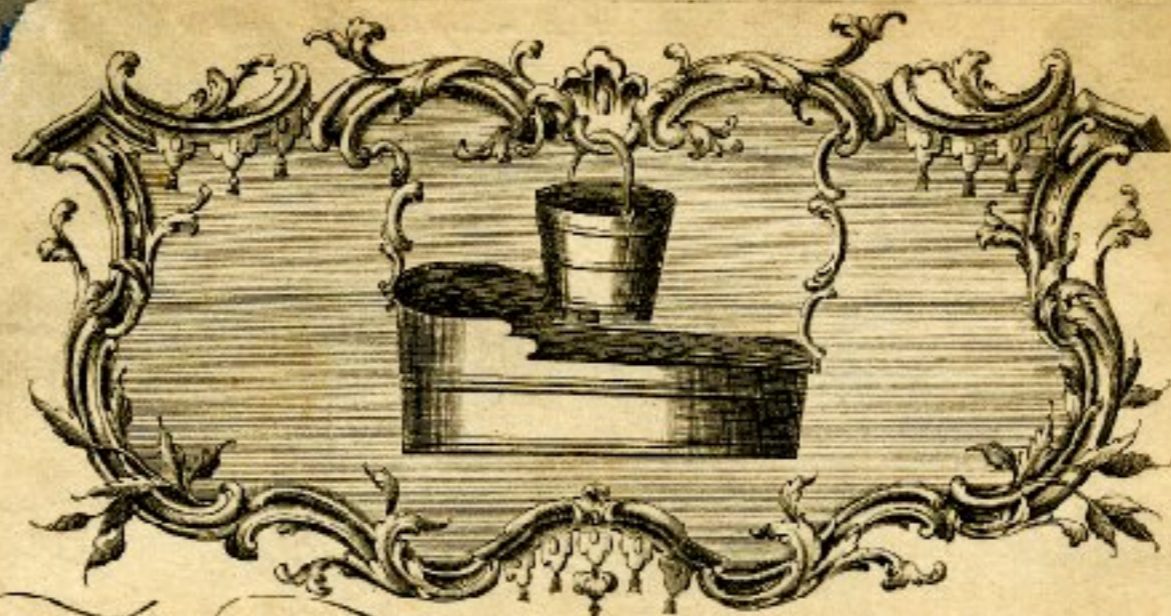
All sorts of Turnery Ware Vix! Mops, Brooms & Brushes, Sieves, Coal Boxes,
Coal Shovel, Fire Shovel, Fire Screens, Plate-racks, Salt boxes, Mutton-tub, basket,
Handle-Bowls, Elm-platters, Mese-bowls, Wellons, Frenchers, spoons, Taps,
Ladles, Strainers, Bee-hives, Butter-knives, Butter-prints, French Saddles,
Chocolate Mills, Hair-Cloths, Flower-Cloths, Ashen Shives Chair, Plankets, Hop-
Baskets, Kinders, Glass-Trays, Knife-trays, Hair-lines, Scoops, Malt-shovels, Jet-
Bushets, Pecks, Flower-tubs, Oat-meal-tubs, Knife-Whetters, Cheese-waots, Sage-peat,
Potage-Dishes, All sorts of Hoes, Hoops, Quarter-Hoops, White Ordinary, White and
Black hoops, Cover-hoops, Toy-hoops, & Clog hoops Wholesale or Retail at reasonable Rates.

AS ALSO

All Sorts of Trays hoops nailed or unnailed

NB. Bathing Tubs Let

Trade Card for John Adams, Cooper
London Late 18th Century
(The British Museum)



Thomas Hubbard Cooper

At the Bathing Tub & Pail in Bishopgate Street, near Wide-Gate Alley.

M A K E S

All sorts of Coopers Work viz. Brewing Vessels, Mash Tubs, Underbacks, Coolers and Casks.

For the Dairy

Barrel & upright Casks, Milk Tubs & Kemmels, Legg'd & Cheese Tubs, Milk Pails, Flan Tubs, & Trays, Powdering Bathing Water, Washing & Rincing Tubs, Cisterns, Pails, Piggins, & Gallons.

Sells also

All sorts of Turnery Goods viz. Mops, Brooms, Brushes, Sives, Floor Cloth, Hair Cloth, Mattin, & Hand Baskets, Nottingham Lignum Vita, & Sunbridge Waxed Coal Boxes & Shovels, Tin Shovels, Fire Screens, Plate Racks, Salt Boxes, Hand Bowls, Elm Platters, & mejs Bowls, Bellows, Frenchers, Spoons, Taps, Ladles, Skimmer, Bee hives, Butter knives, & Prints, Punch Ladles, Chocolate Mills, Ashen Sieves, Chives, Washets, Hop baskets, Voulders, Glafs & Knife, Trays, Hair Lines, Scoops, Mallet Shovels, jets, Bushels, Pecks, Flower & Catmalt Sacks, Knife Wkettors, Cheese meats, Pye peals, Potage Dishes, All sorts of Quarter Hoops, white Ordinary white & Bark Hoops, Cover & Top Hoops.

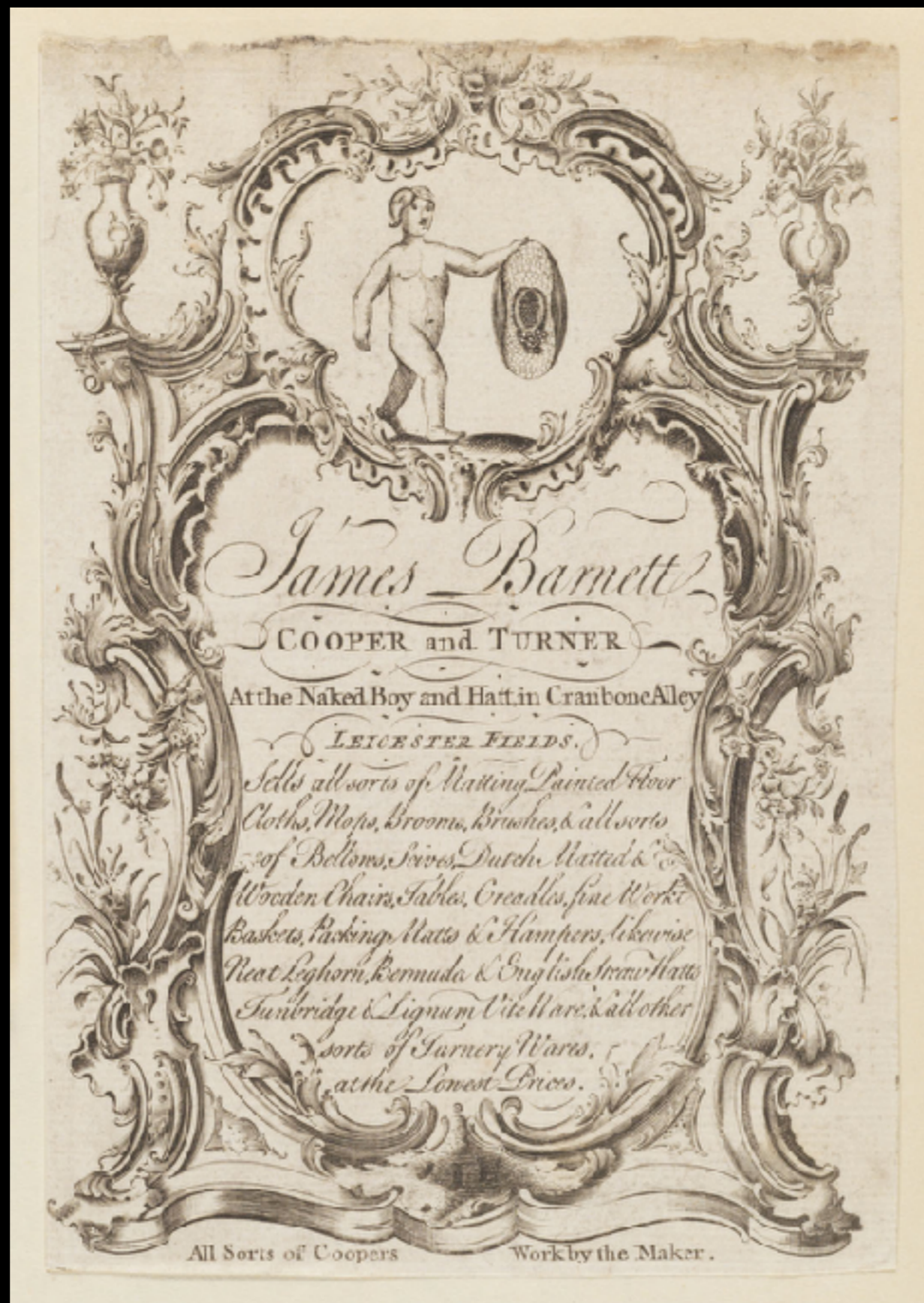
Wholesale and Retail at Reasonable Rates.

As Also

Truss Hoops, Nailed or Unnailed.

A. B. Bathing Tubs Ltd.

Trade Card for Thomas Hubbard, Cooper
London Late 18th Century
(The British Museum)



Trade Card for James Barnett, Cooper and Turner
London Late 18th Century
(Lewis Walpole Library)

Barrels, Kegs, & Casks

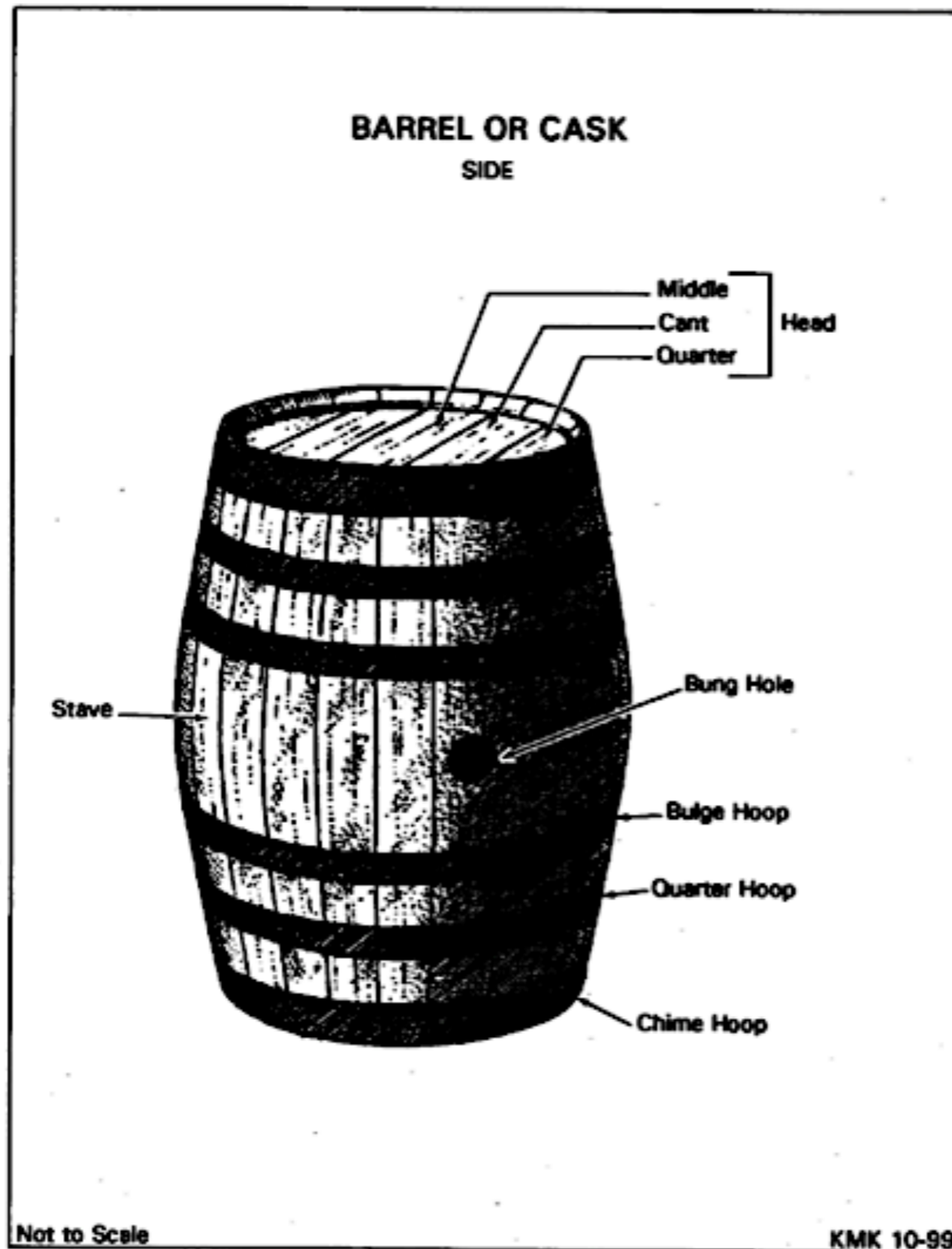
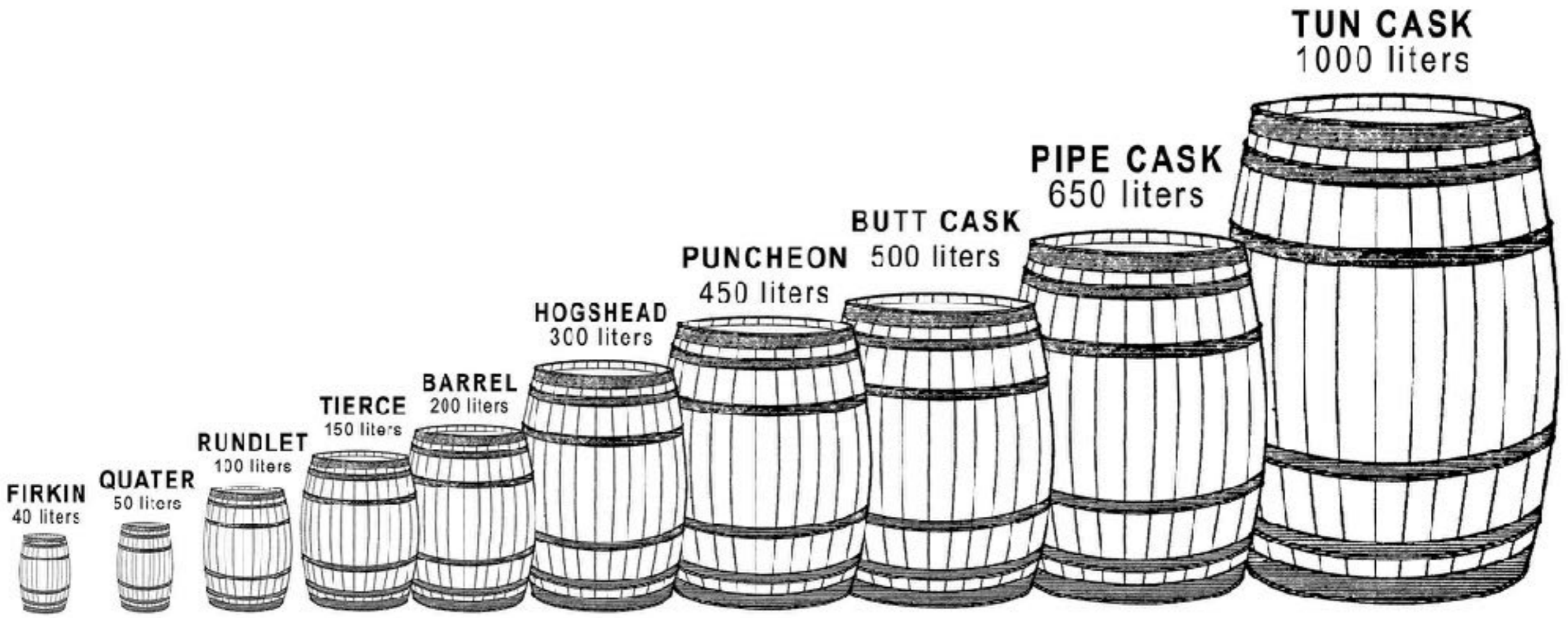


Figure 87. Diagram of a barrel or cask (after Seymour 1984:86).

Anatomy of an 18th Century Barrel or Cask

From: Grant, David Mitchell; "Tools from the French and Indian War Sloop Boscawen" Texas A and M University. 1996





Wood Cask with Iron Hoops
18th Century
(Private Collection)



Wood Keg with Iron Hoops
18th Century
(Guilford Courthouse National Military Park)



English Wood & Metal Barrel Recovered from the Wreck of the H.M.S. Invisible Sunk in 1758
Lid Marked with a Broad Arrow and the Letters "LC" "PO" c. 1758
(The Historic Dockyard - Chatham)



English Wood & Metal Barrel Recovered from the Wreck of the H.M.S. Invincible Sunk in 1758
Lid Marked with a Broad Arrow and the Letters "LC" "PO" c. 1758
(The Historic Dockyard - Chatham)



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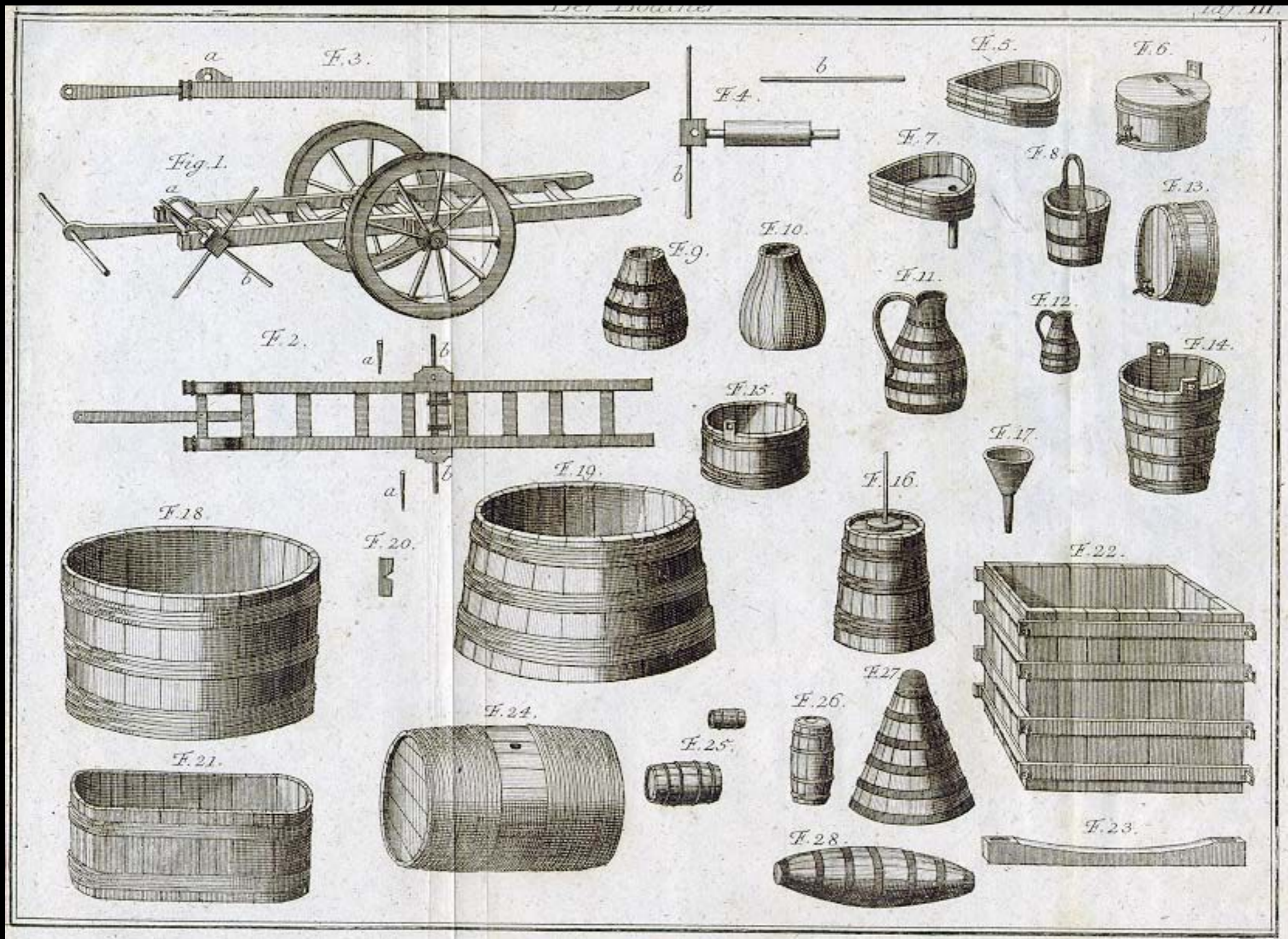
English Wood & Metal Barrel Recovered from the Wreck of the H.M.S. Invisible Sunk in 1758
Lid Marked with a Broad Arrow and the Letters "LC" "PO" c. 1758
(The Historic Dockyard - Chatham)



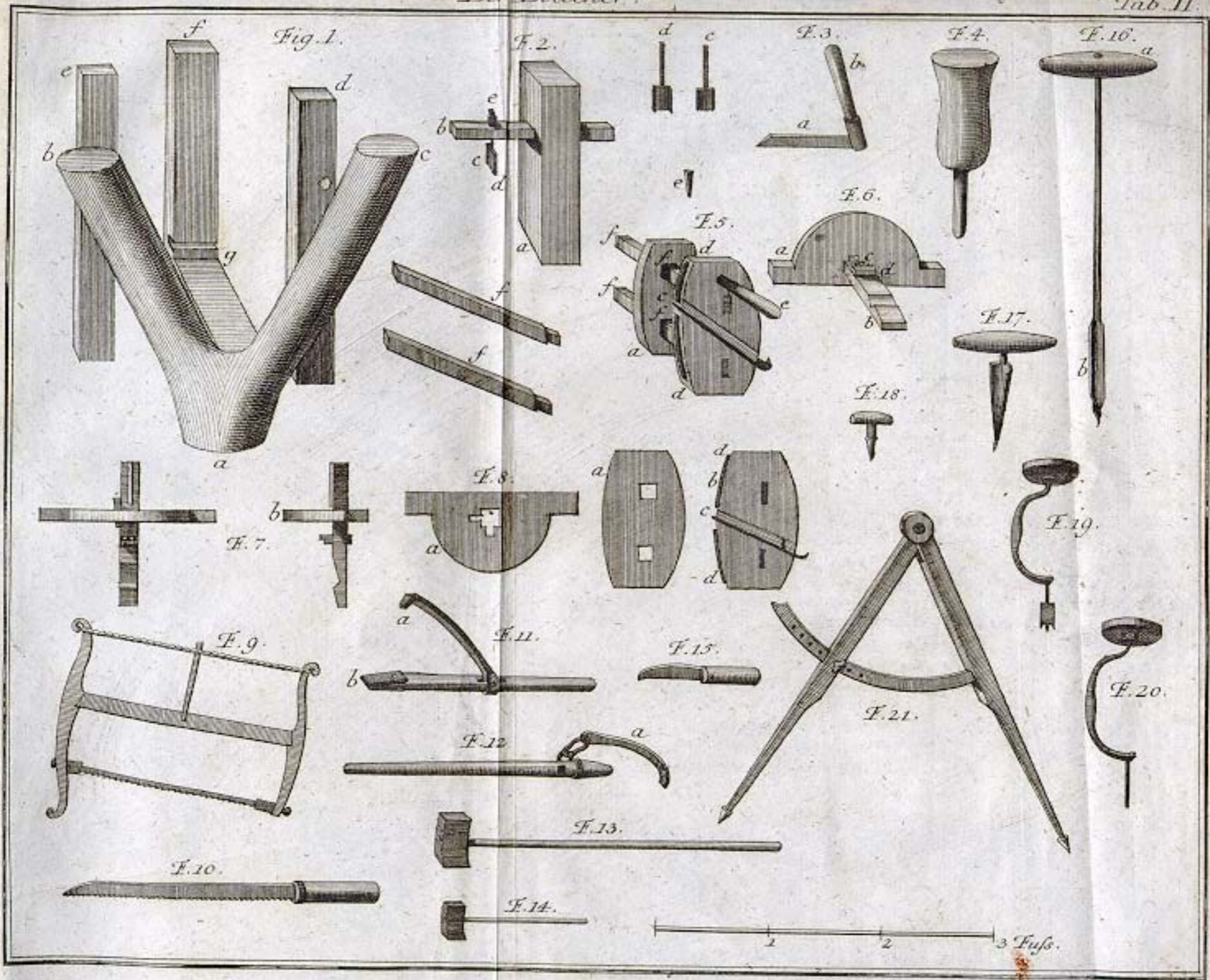
English Wood & Metal Barrel Recovered from the Wreck of the H.M.S. Invisible Sunk in 1758
Lid Marked with a Broad Arrow and the Letters "PC" & "G" c. 1758
(The Historic Dockyard - Chatham)



English Wood & Metal Barrel Recovered from the Wreck of the H.M.S. Invisible Sunk in 1758
Lid Marked with a Broad Arrow and the Letters "PC" & "G" c. 1758
(The Historic Dockyard - Chatham)



Detail from "Die Bottgenkunst Von Hrn. Fougeroux Von Bandaroy"
(University of Waterloo Library)



Detail from "Die Bottgenkunst Von Hrn. Fougeroux Von Bandaroy" (University of Waterloo Library)

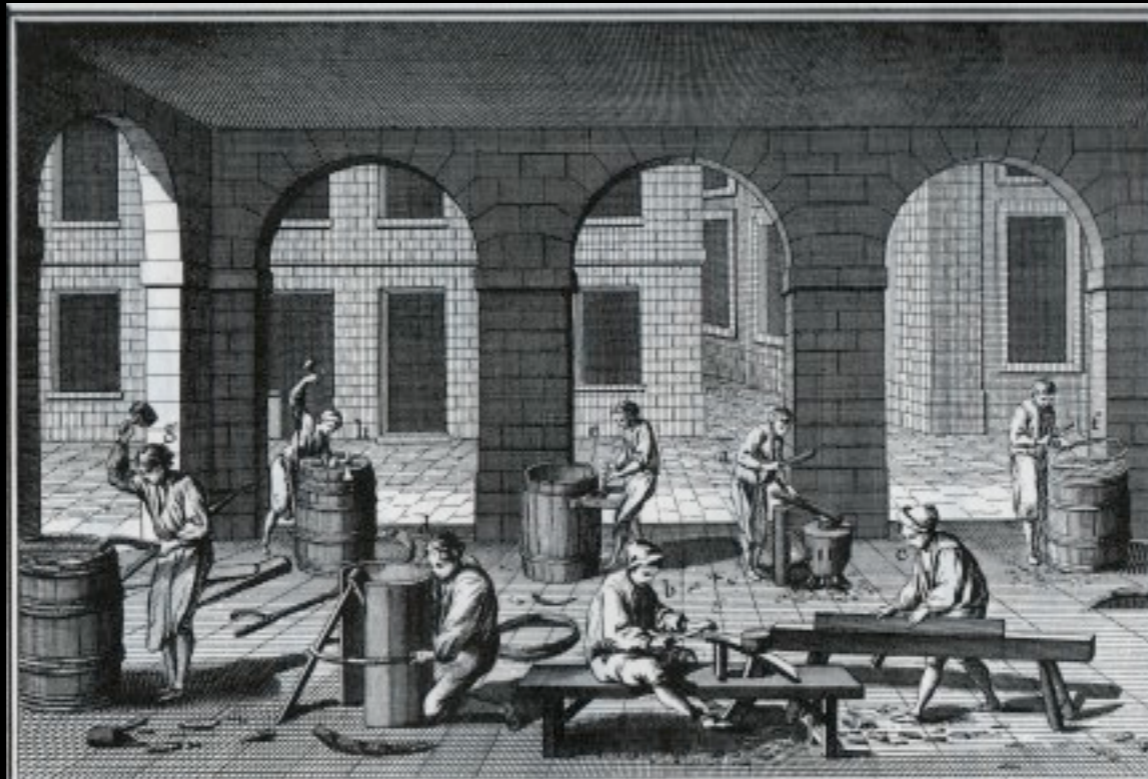


Fig. 1. Fig. 2. Fig. 3.

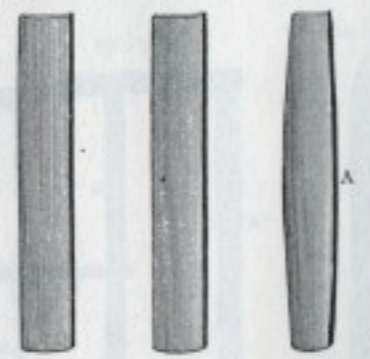


Fig. 4.



Fig. 5.

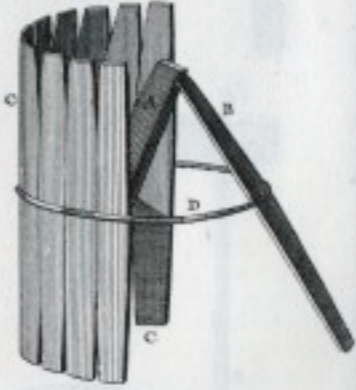


Fig. 6.



Fig. 7.

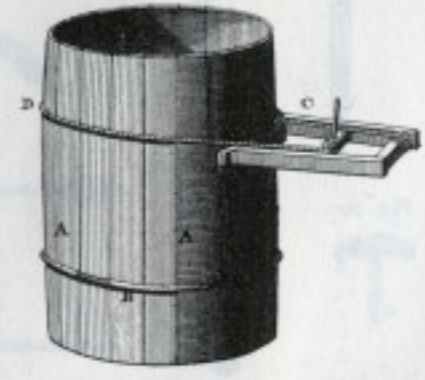
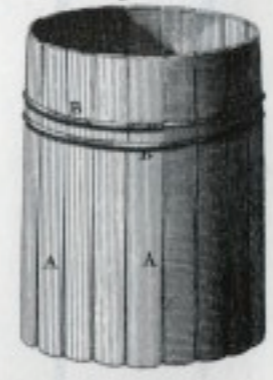


Fig. 8.



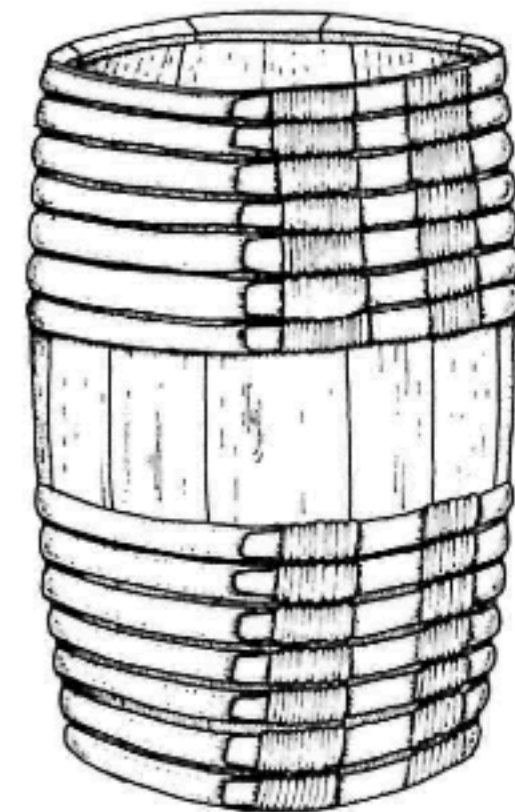
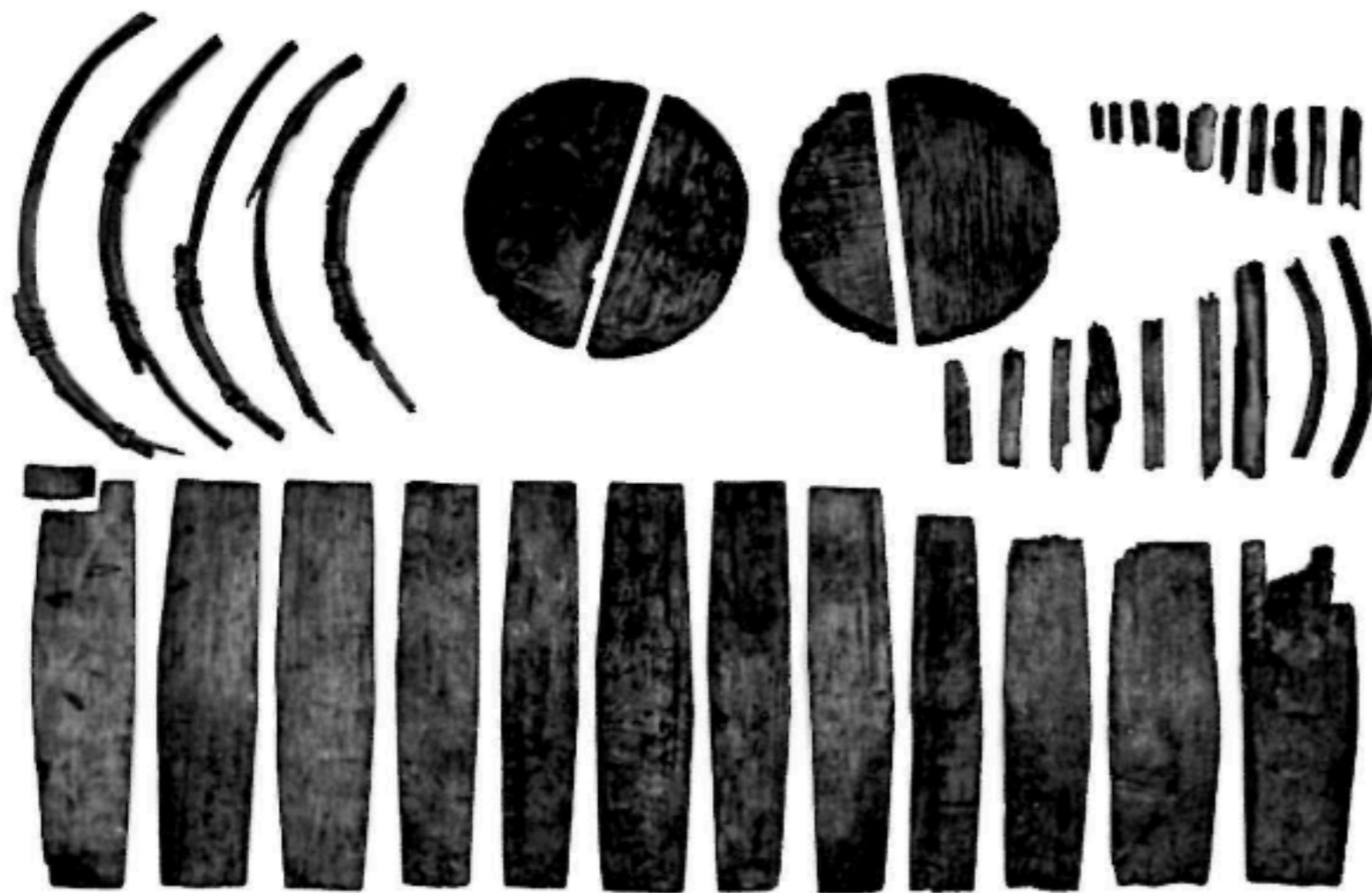
Cooperage from Encyclopedia - Diderot and D'alembert 1772



Cooperage from Encyclopedia - Diderot and D'alembert 1772



Cooperage from Encyclopedia - Diderot and D'alembert 1772



Reconstructed musket-shot cask

Keg that once contained small shot, about 29 cm high

Small Shot Keg Remnants Recovered from the French Flagship, Machault
c. 1760

(From: Sullivan, Catherine "Legacy of the Machault - A Collection of 18th Century Artifacts" - Parks Canada)



*The Cooperage at Colonial Williamsburg
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)*



Using a Cooper's Axe to Cut a Bevel
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)



Using a Cooper's Axe to Cut a Bevel
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)



Finishing the Bevel with a Drawknife
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)



Finishing the Bevel with a Drawknife
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)

Barrel Hoops

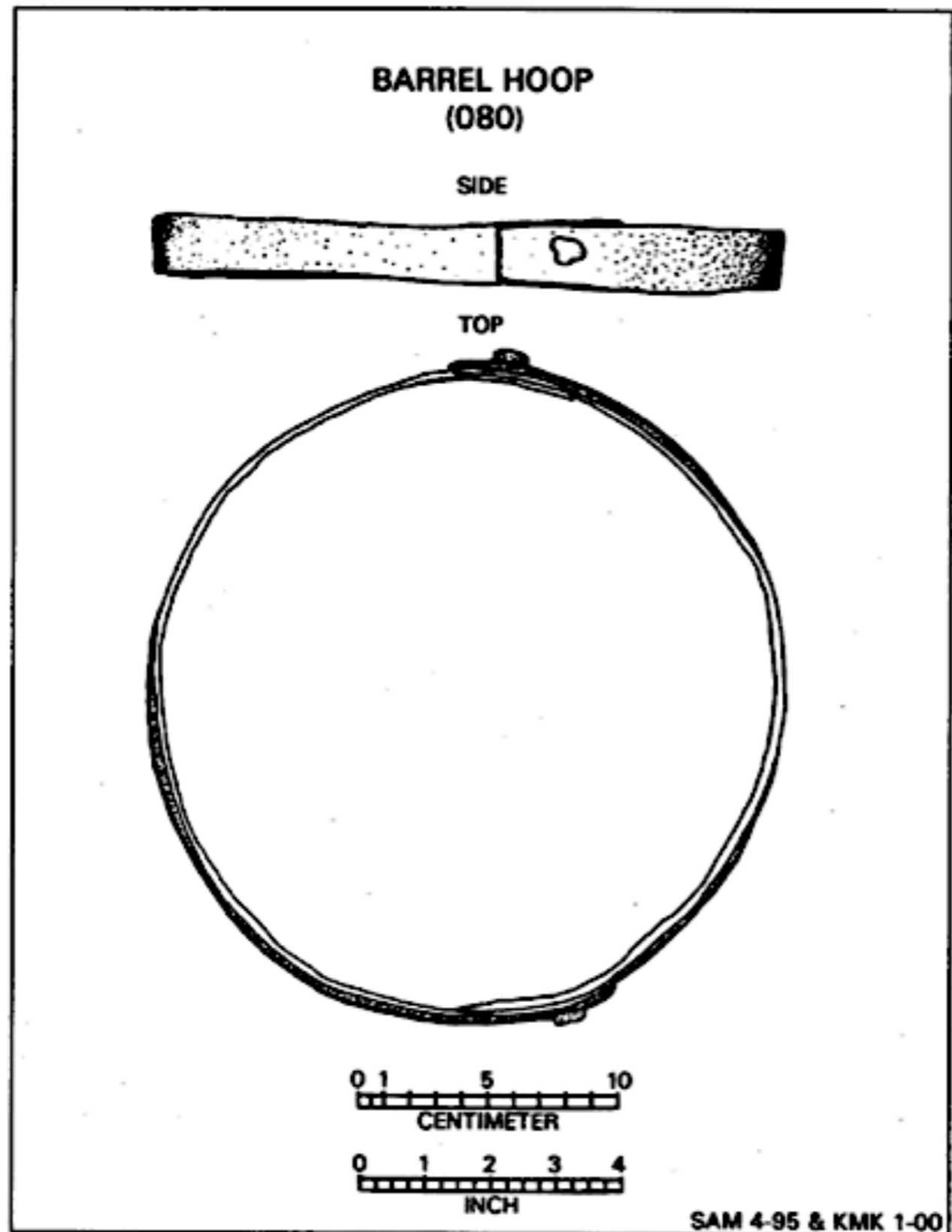


Figure 88. Barrel hoop (080).

Barrel Hoop. Recovered from the Wreck of the Boscawen, which sank in Lake Champlain in the late 1760's
From: Grant, David Mitchell; "Tools from the French and Indian War Sloop Boscawen" Texas A and M University. 1996.



Copyright Fort Ticonderoga Museum

Copper Hoop from a British Gunpowder Keg
British Broad Arrow Mark c. 1775
(Fort Ticonderoga)



Figure 6.218. Barrel hoops recovered from the excavation.

Barrel Hoop Remnants Recovered from the French Flagship, Machault
c. 1760

(From: Sullivan, Catherine "Legacy of the Machault - A Collection of 18th Century Artifacts" - Parks Canada)



Copper Hoop from a British Gunpowder Keg Found at Fort Michilimackinac
British Broad Arrow Mark c. 1761 - 1778
(Fort Michilimackinac - Mackinaw State Historic Parks)



Copper Hoop from a British Gunpowder Keg Found at Fort Michilimackinac
British Broad Arrow Mark c. 1761 - 1778
(Fort Michilimackinac - Mackinaw State Historic Parks)



Reproduction Copper Hoop and Gunpowder Cask
(Marshall Scheetz - Jamestown Cooperage, LLC)



*Driving a Rivet Through a Recreated Hoop Iron
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)*



The Protruding Rivet Shank
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)



Hammering the Rivet Shank
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)



The Rivet Shank is Compressed
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)



*The Rivet Shank is Flattened into a Rosehead
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)*



The Finished Rivet
(The Colonial Williamsburg Cooperage - Colonial Williamsburg)

Kegs in Art



Broad Quay, Bristol
by British School c. 1760
(Bristol Museum, Galleries, & Archives)



Broad Quay, Bristol
by British School c. 1760
(Bristol Museum, Galleries, & Archives)



“Vue du Port de Rochefort, prise du Magasin des Colonies”
by Joseph Vernet 1762
(Musée national de la Marine)



“Vue du Port de Rochefort, prise du Magasin des Colonies”
by Joseph Vernet 1762
(Musée national de la Marine)



“Vue du Port de Rochefort, prise du Magasin des Colonies”
by Joseph Vernet 1762
(Musée national de la Marine)



“An Election Entertainment”
by William Hogarth c. 1754 - 1755
(Sir John Soane’s Museum)



Printed and Engraved by W. Hogarth. To the Right Honourable Henry Fox, Esq. &c. This Plate is humbly Inscrib'd by his most Obedient Humble Serv't W. Hogarth. Published 23 Feb. 1755. as the Art directs.

“An Election Entertainment”
 by William Hogarth c. 1754 - 1755
 (Metropolitan Museum of Art)



"An Election Entertainment"
by William Hogarth c. 1754 - 1755
(Metropolitan Museum of Art)



L. LAGUERRE del. R. SAYER sculp.
 Friend: *Sings.* *O fly from this Place, dear Flora,
 Thy Taylor has left thee free—
 And before y^e first blush of Aurora,
 You'll find a kind Guardian in me.*

H O B
 Triumphs over St. Thomas.
 Plate VIII.

Flora *Sings.* *Fain would I exchange for y^e better
 (Confinement can have no Charms)
 Friend: *Sings.* *Think it^t of your Drivens is sweeter,
 This, or a young Spens Arms—**

"HOB Triumphs over St. Thomas. Plate 8"
 by Robert Sayer after John Laguerre c. 1760
 (Lewis Walpole Library)



"HOB Triumphs over St. Thomas. Plate 8"
by Robert Sayer after John Laguerre c. 1760
(Lewis Walpole Library)



The JOVIAL FLANDERKINS, after a Painting of TENIERS .

Engraved by John Bowles, after the original by David Teniers the Younger

“The JOVIAL FANKERKINS after a Painting of TENIERS”
by John Bowles, made by Richard Brookshaw after David Teniers the Younger 1770
(The British Museum)



"SR BIBO BULKY"
1773
(Lewis Walpole Library)

BACCHANELS or the Friendly DROP



"BACCHENELS, or, the Friendly DROP" (Lord North & Charles Fox Drinking Wine)
by John Boyne, Published by E. Hedges 1784
(Lewis Walpole Library)

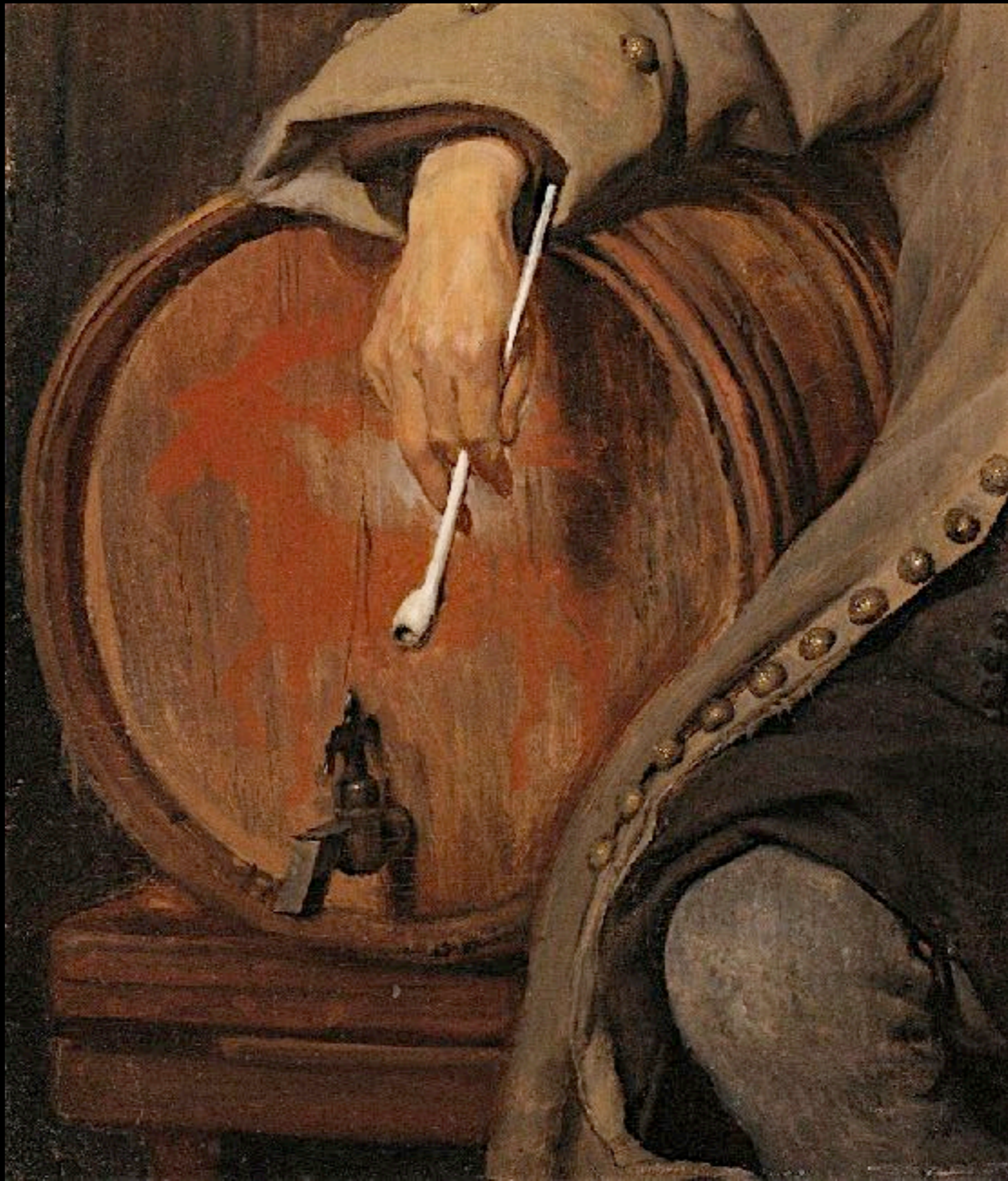


The Drunkard
by Thomas Rowlandson Late 18th Century
(The British Museum)

Brass Cocks (Spigots)



“The Old Drinker” (Dutch)
by Gabriel Metsu c. 1657
(Rijksmuseum, Amsterdam, Netherlands)




“The Old Drinker” (Dutch)
by Gabriel Metsu c. 1657
(Rijksmuseum, Amsterdam, Netherlands)



“The Old Drinker” (Dutch)
by Gabriel Metsu c. 1657
(Rijksmuseum, Amsterdam, Netherlands)

The Standard, wth of y^e Following Coins

		dwt	Gr.
1 Jacobus		6	= 6
½ Jacobus		3	= 3
Carolus		5	= 18
¼ Carolus		2	= 21
Guinea		5	= 9
½ Guinea		2	= 16 ½
Moider		6	= 22 ¼
½ Moider		3	= 11
Pistol		4	= 8
¼ Pistol		2	= 4

Tim^{ly} Roberts at the Hand and Scales next y^e Corner of Queens Street in Watling Street LONDON, Makes & Sells all sorts of Scales, Weights, Stillards, & Cocks

Note, that Each Grain in Gold is 2^d at ¼ p. Ouz.

The Standard Weight of Coins showing a Brass Cock
18th Century
(Public Domain)

WILLIAM COFFIN, at the Ostrich, near the Draw-
Bridge, makes and sells Mill Brasses, Chambers for
Pumps, Brass Cocks of all Sizes, Knockers for Doors, Brasses
for Chaises and Sadlers. Brass Doggs of all sorts, Candle-
sticks, Shovels and Tongs, Small Bells, and all other Sorts of
Founders Ware.

Also all sorts of Braziers and Pewterers Ware, Small
Stills and Wormes, and all sorts of Plumbers Work; like-
wise Buys old Copper, Brass, Pewter and Lead.



M^r

London

17

Bought of Ralph Taylor
Cock Founder.

Successor to M^r Wall.

at the Three Brass Cocks, in High Holborn.

M^r Wall

English Billhead for Ralph Taylor, Cock - Founder, Located at the Three Brass Cocks in High Holborn

1759

(Museum of London)



English Trade Card for "Bouchet Cock - Founder N. 39 Tooley Street, SOUTHWARK"
18th Century
(The British Museum)



“A Victualler or Publican Erected out of his own Implements without the Assistance of Nature”
 by George Bickam the Younger c. 1730 - 1750
 (The British Museum)



10 Apron
11 Cook w. Kutting Clout
12 Silver Spoon

“A Victualler or Publican Erected out of his own Implements without the Assistance of Nature”
by George Bickam the Younger c. 1730 - 1750
(The British Museum)



English Brass Cock with the Silhouette of a Cock (Rooster)
17th Century
(Private Collection)



English Brass Cock with the Silhouette of a Cock (Rooster)
17th Century
(Private Collection)



Scandinavian Brass Cocks with the Silhouettes of a Cock (Rooster)
17th Century
(Private Collection)

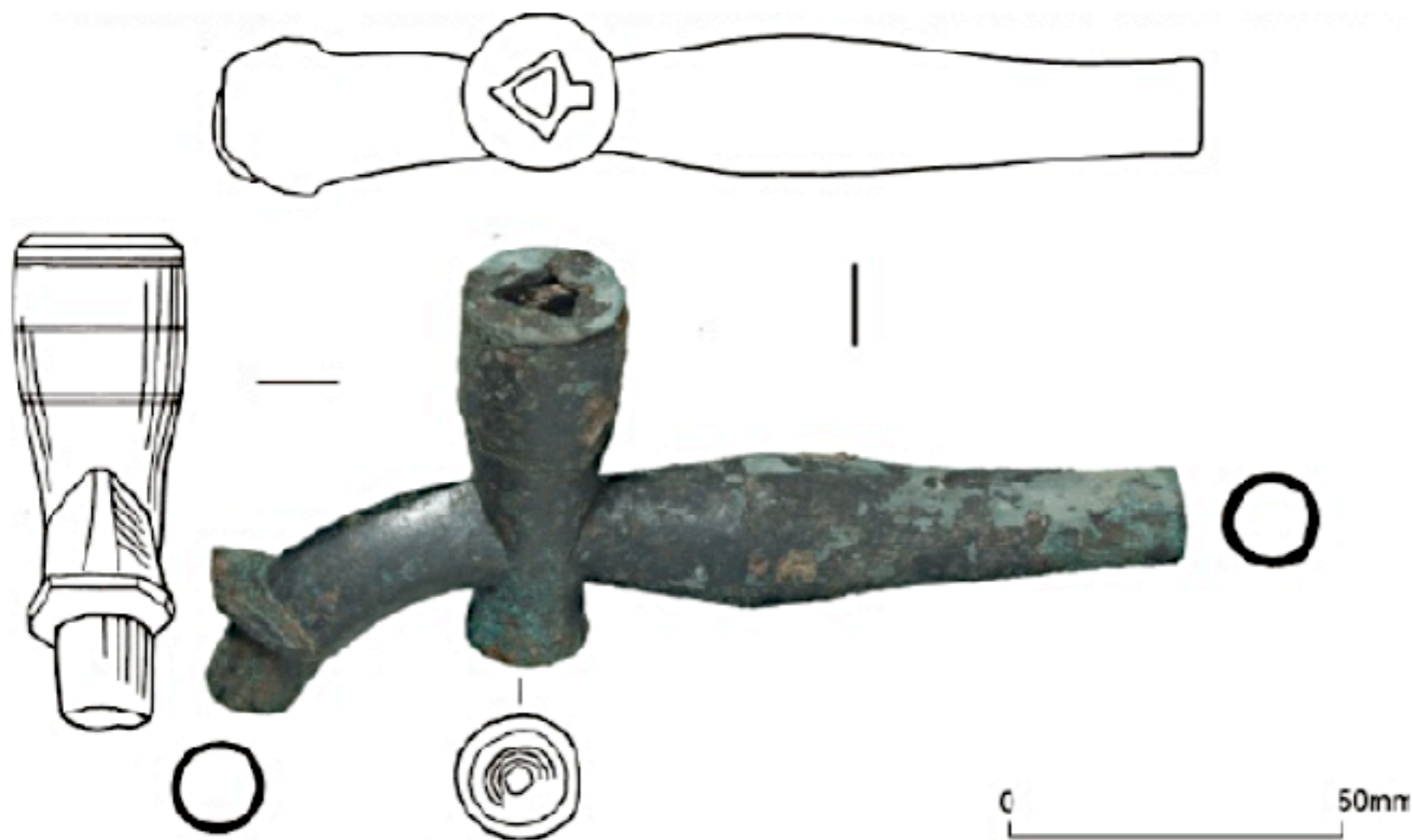


FIG. 20
Paternoster Square,
London: Building 26 cellar.
Copper-alloy spigot from a
barrel.

Copper Alloy Cock Recovered from Paternoster Square, London
Late 17th - Early to Mid 18th Century

From: "Taverns and Other Entertainments in the City of London? 17th and 18th Century Finds from Excavations at Paternoster Square"
by Sadie Watson & Jacqueline Pearce with Anne Davis, Geoff Egan and Alan Pipe



Artifacts Including a Brass Cock Recovered from Jamestown Settlement, Jamestown, Virginia
17th Century
(Jamestown Settlement)



Brass Cock Recovered from the Cellar Excavation of Vinter, Morris Pound, Colchester, Virginia

c. 1750 - 1800

(Fairfax Count Resource Management & Protection Collection - James Lee Community Center, Falls Church, Virginia)



English Brass Cock Recovered from the Sloop of War Swift
The Swift was Lost off the Coast of Patagonia, Southern Argentina in 1770
(From the International Journal of Research Archeology, Elkin et al. 2007 - Courtesy Matt Brenckle)



Brass Cock Recovered at Grand Portage
18th Century
(Grand Portage National Monument, Minnesota)



Brass Cock Recovered at the Home of Colonel William Clapham Near West Newton, Pennsylvania
On May 28, 1763 Colonel Clapham, His Wife, Three Children and Another Woman were Killed in Pontiac's Rebellion
(Public Domain)



18th Century Brass Cocks with Locking Keys
Similar to That Excavated at New Winsor Cantonment
(Private Collection)



Brass Keg Spigot or Brass "Cock", Cock Key, Barrel Hopp, Pipe, & Spoon Handle Recovered at Fort Niagara
c. 1780
(Old Fort Niagara -Photo Courtesy Terry Scorchy)



Fragment of a Brass Cock c.1760 - 1783

Found in the British & Hessian Hut Encampment built by the Continental Army in 1776 on the Dyckman Farm near Fort Washington in New York City. After the fall of the fort on November 16, 1776, His Majesty's forces occupied the huts until the evacuation of New York in 1783. Artifact excavated by Reginald P. Bolton & Co. in 1913.

(New York Historical Society)



English Brass Cock Recovered from the Wreck of the H.M.S. Invincible Sunk in 1758

c. 1758

(The Historic Dockyard - Chatham)



English Brass Cock Recovered from the Wreck of the H.M.S. Invincible Sunk in 1758

c. 1758

(The Historic Dockyard - Chatham)



English Brass Cock Recovered from the Wreck of the H.M.S. Invincible Sunk in 1758

c. 1758

(The Historic Dockyard - Chatham)



English Brass Cock Recovered from the Wreck of the H.M.S. Invisible Sunk in 1758
c. 1758
(The Historic Dockyard - Chatham)



English Brass Cock Recovered from the Wreck of the H.M.S. Invisible Sunk in 1758

c. 1758

(The Historic Dockyard - Chatham)



English Brass Cock Recovered from the Wreck of the H.M.S. Invisible Sunk in 1758

c. 1758

(The Historic Dockyard - Chatham)



English Brass Cock Key Recovered from the Wreck of the H.M.S. Invisible Sunk in 1758

c. 1758

(The Historic Dockyard - Chatham)



English Brass Cock Recovered off a Loyalist Transport Ship Sunk off Charleston in 1782

c. 1780

(St. Augustine Lighthouse and Museum)



Copper Spigot Recovered from the French Flagship, Machault
c. 1760

(From: Sullivan, Catherine "Legacy of the Machault - A Collection of 18th Century Artifacts" - Parks Canada)

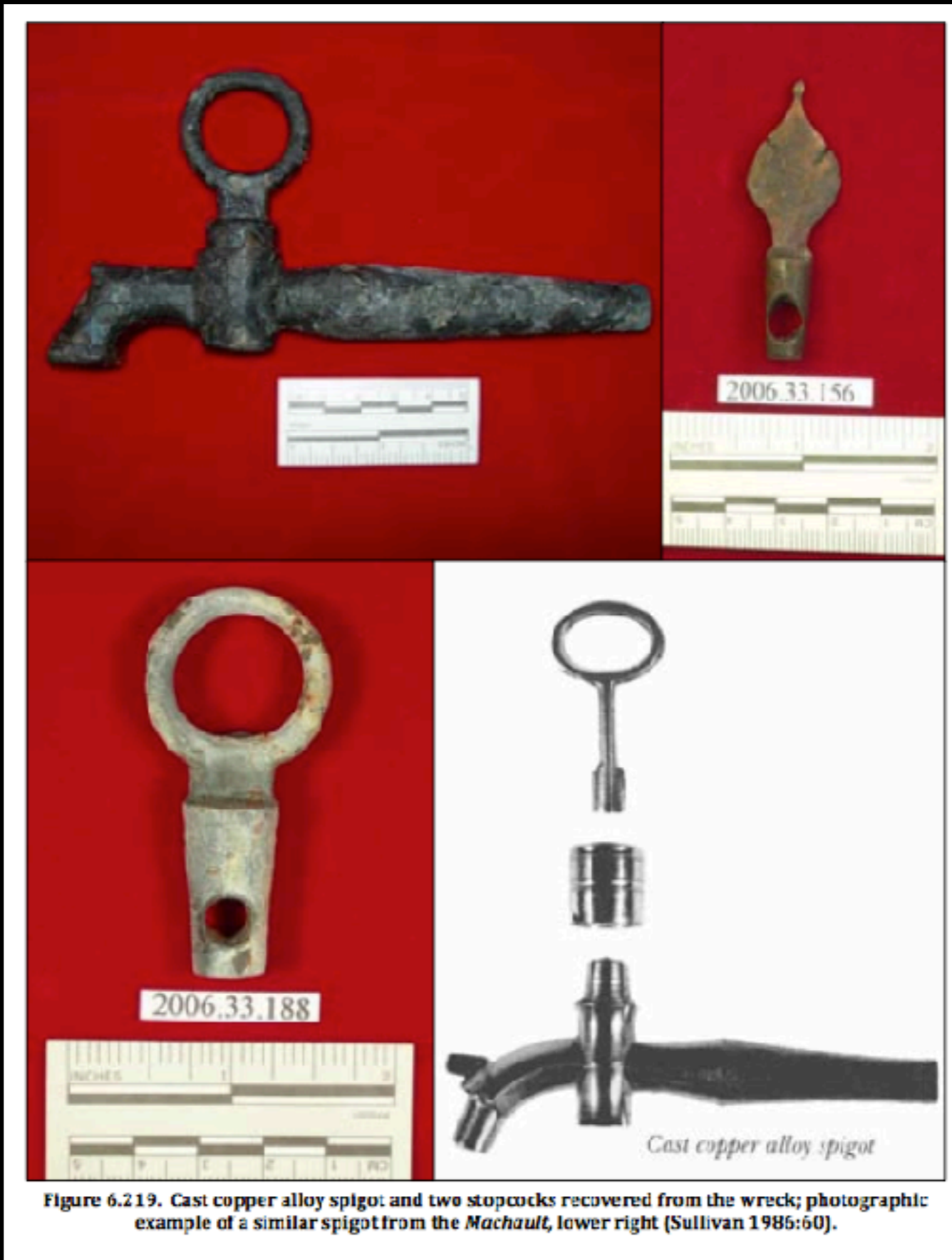


Figure 6.219. Cast copper alloy spigot and two stopcocks recovered from the wreck; photographic example of a similar spigot from the *Machault*, lower right (Sullivan 1985:60).

Copper Cock Recovered from the Roosevelt Inlet Shipwreck, Delaware with Machault Cock for Comparison

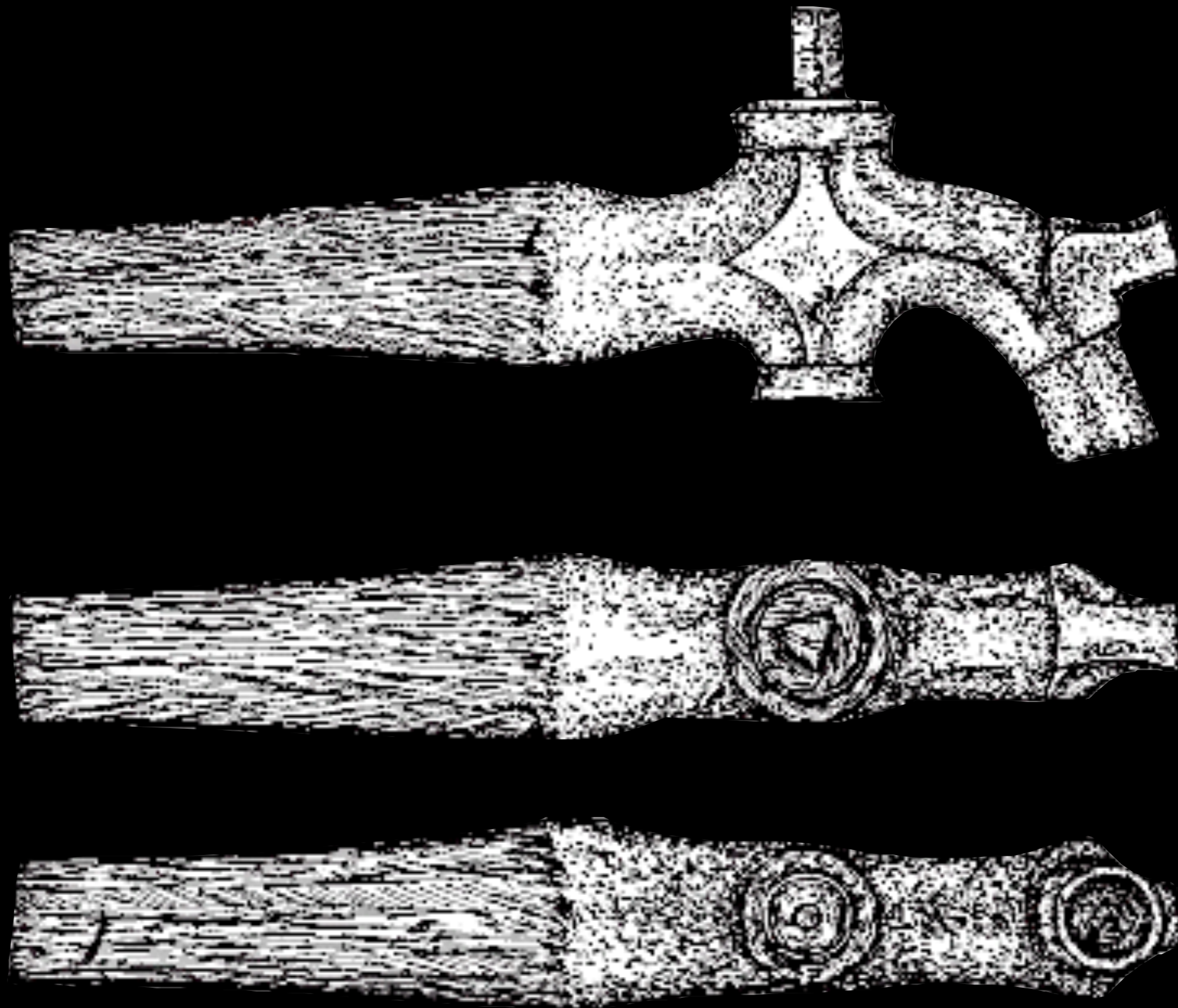
c. 1772 - 1800

(From "Underwater Archeological Investigation of the Roosevelt Inlet Shipwreck" - Delaware Department of State)



Brass Cock Recovered from at Fort Michilimackinac
c. 1760 - 1781
(Fort Michilimackinac)





English Brass Cock Recovered from the Wreck of the General Carleton

1785

(From "The General Carleton Shipwreck, 1785" Archaeological Research Polish Maritime Museum)

“CAUTIONS to the HEADS OF FAMILIES, IN THREE ESSAYS
I. On Cyder- Wine, ... II. On the Poison of Lead... III. On the Poison of Copper...”
By Anthony Fothergill 1737

“If from the kitchen we should dive into the cellar, we shall find that acidic vapors are predominant, and that the brass cocks through which our wine, beer, cyder, and vinegar, are drawn, are generally discoloured with verdigris.

In these subterranean abodes, which are often very damp, the green rust is often suffered to accumulate till it overspreads the external surface of the metallick cock, and would also visibly pervade the internal orifice of the canal, were it not successively dissolved by the liquor, and washed off in the general current, as often as the cock is unturned. That verdigris is soluble, in very considerable proportion, in all these liquors, and therefore capable of impregnating them with the poison of copper, is clearly proved by the following experiments:”



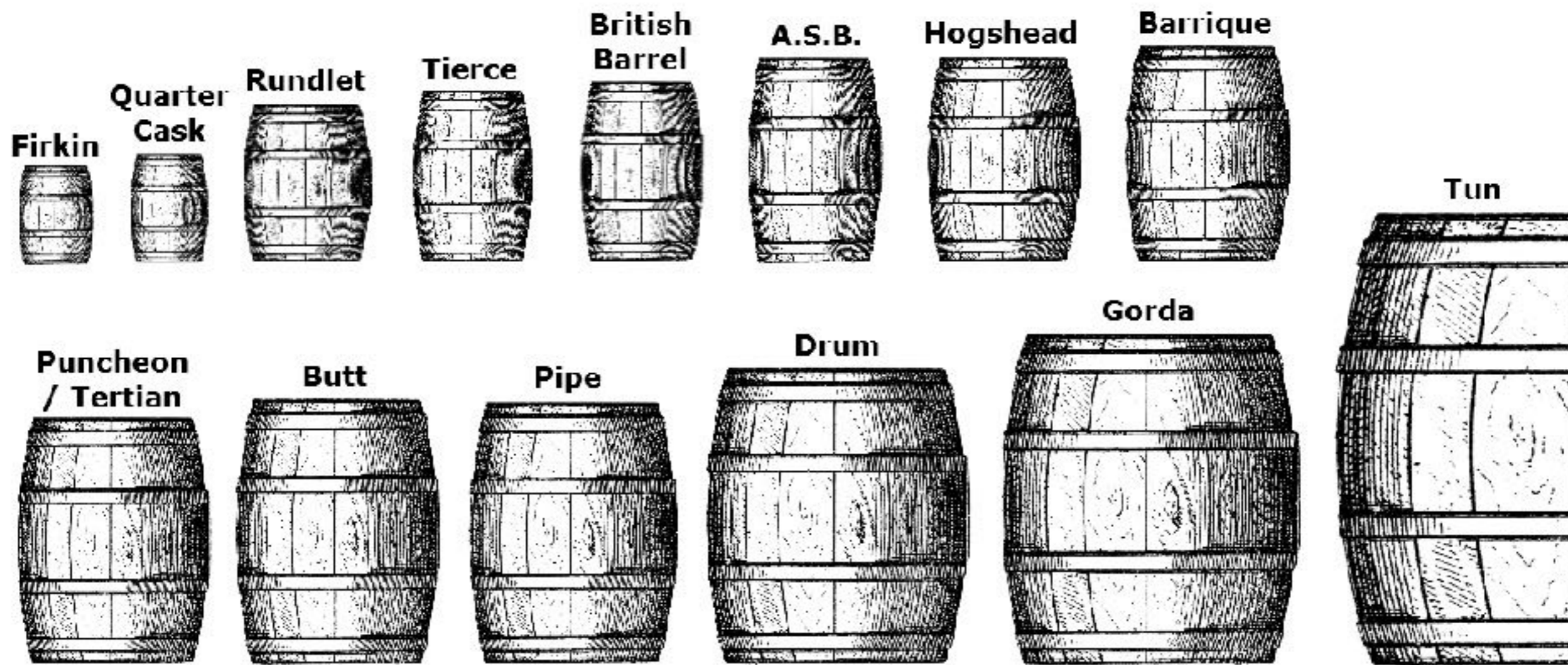
Recreated British Sutler during the American War for Independence
Brass Cock to Dispense Rum

Trunk Barrels



American Hollow Tree Trunk Barrel from New England
18th Century
(Skinner)

Capacity Equivalents



Capacity Equivalents
Not Fully to Scale
(All Information Courtesy Drinking Cup Blog)

Capacity Equivalents

FIRKIN: 41 Liters / 11 U.S. Gallons (Name take from the Old Dutch “Forth” or 1/4 a British Barrel)

QUARTER CASK: 50 Liters / 13 U.S. Gallons

RUNDLET: 70 Liters / 18 U.S. Gallons

TIERCE: 160 Liters / 42 U.S. Gallons

BRITISH BARREL: 160 Liters 43 U.S. Gallons

AMERICAN STANDARD BARREL (ASB): 200 Liters / 54 U.S. Gallons

HOGSHEAD: 250 - 300 Liters / 66 - 79 U.S. Gallons

BARRIQUE: (Cognac) 300 Liters / 79 U.S. Gallons & Wine 225 Liters / 59 U.S. Gallons

PUNCHEON or TERTIAN: 450 Liters / 120 U.S. Gallons

Capacity Equivalents

BUTT: 500 Liters / 132 U.S. Gallons

PIPE: 650 Liters / 172 U.S. Gallons

DRUM: 650 Liters / 172 U.S. Gallons

GORDA: 700 Liters / 185 U.S. Gallons

TUN: 982 Liters / 250 U.S. Gallons

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