



**Harriott Horry Ravenel family papers, 1694 - ca. 1935**  
**SCHS Call # 1086.00**  
**Containers 11/332-334g**

**Creators:** Ravenel, Harriott Horry, 1832 1912  
Ravenel, St. Julien, 1819 1882  
Pinckney family  
Pinckney, Thomas, 1750 1828  
Holbrook, John Edwards, 1794 1871

**Description:** Description 4.5 linear ft.

**Biographical/Historical Note:** Charleston, S.C. author. The daughter of Edward Cotesworth Rutledge (1798-1860) and Rebecca Motte Lowndes (1810-1893), in 1851 she married Dr. St. Julien Ravenel (1819-1882). Her great grandmother Harriott Pinckney Horry (1749-1830) was the daughter of Eliza Lucas Pinckney (1722-1793) and Charles Pinckney (ca. 1699-1758).

**Scope and content:** Papers consist of family and personal correspondence, diaries, technical drawings and notes, financial records, writings, and other items. Included are the papers of St. Julien Ravenel (1819-1882), the Pinckney Family, Thomas Pinckney (1750-1828), Harriott Pinckney Horry (1749-1830), and John Edwards Holbrook (1794-1871).

Correspondence (1850-1869) of the Rutledge, Lowndes, and Ravenel families concerns family and social matters, St. Julien Ravenel's efforts for the relief of yellow fever victims of Norfolk (Va.) in 1855, Civil War events in Charleston (S.C.), the death of Francis Gualdo Ravenel in battle, phosphate mining, and other matters. Included are letters (1861-1862) to Harriott H. Ravenel from D.B. Phillips, a Confederate surgeon at Norfolk (Va.), concerning his assignment to the Merrimack (renamed the Virginia, with a description and sketch of the ship), movements and victories of the Confederate Army, and other matters. Other correspondents include Harriott Ravenel McClain, Rebecca Motte Rutledge, Lise Ravenel Childs, and others.

Correspondence (1883-1918) of Harriott H. Ravenel includes many letters to her from St. Julien Ravenel and her other children, letters from Robert N. Gourdin and others concerning the Little David (Confederate vessel), from editors regarding the publication of her writings, and letters from author Owen Wister regarding her works and editorial help with his "Lady Baltimore."

Writings (1879-1906) of Harriott H. Ravenel include poems, notes, reminiscences, a cookbook, a story for children, a manuscript (1906) of "Charleston: The Place and the People," a partial manuscript (1897) of "Eliza Pinckney," essays, and other items.

Other items include a stock certificate (1862), a bond, newspaper clippings, receipts, a manuscript (ca. 1830) of Maria Pinckney's "Quintessence of Long Speeches," papers (1902-

1926) of Louis McClain pertaining to phosphates, and genealogical materials.

**Preferred citation:** Ravenel, Harriott Horry, 1832-1912. Harriott Horry Ravenel family papers, 1694-ca. 1935. (1086.00) South Carolina Historical Society.

**Series and container outline:**

**1086.01 Personal papers organized by material type**

- 11/333/01-05 Family letters, 1850-1869 (103 items).
- 11/333-334b Letters, 1883-1918 (1.75 linear ft.).
- 11/334c-334f Writings, 1879-1906 (1.75 linear ft.).
- 11/334g/01-15 Miscellaneous writings, 1830-1930s, (0.5 linear ft.).

**1086.02 Papers of individual Ravenel family members**

**1086.02.01 St. Julien Ravenel papers, 1870 1882. Ca. 125 items.**

- 11/333/07-10 Scientific and family letters, 1870-1882 (125 items).

**1086.03 Ravenel allied families**

**1086.03.01 Pinckney family papers, 1694 1847. Ca. 260 items.**

- 11/332/01-05 Papers, 1694-1756 (5 items).
- 11/332-332a Pinckney and Lowndes families correspondence, 1756-1847

**1086.03.01.01 Thomas Pinckney papers, ca. 1790 ca. 1825. Ca. 50 items.**

- 11/332a/20-23 Mechanical and scientific drawings, 1790s-1820s (29 items).
- 11/332a/24 Notes, 1790s-1820s (22 items).

**1086.03.02 Horry, Harriott Pinckney, 1749 1830.**

- 11/332b/01-05 Harriott Pinckney Horry diaries, 1793 1815. 2 v. 3 items.

**1086.03.03 John Edwards Holbrook papers, 1844 1871. Ca. 30 items.**

- 11/333/06 Family and scientific letters, 1844-1871 (30 items).

**Detailed collection inventory:**

**11/332a/1-3 Horry, Harriott P., 1748-1830**

Journal, 1793-1794. 1 vol. & 2 copies

Daughter of Eliza Lucas Pinckney. Journal of HH regarding trip (1793-1794) to Philadelphia, PA with ELP, nieces Harriott and Maria Pinckney and daughter Harriott Horry (Rutledge). Also records death of ELP and travels in PA, NY, DE, MA, NH, ME, RI, CT, and return overland through PA, VA, NC to Hampton Plantation, Charleston Co.; social life, meetings with George Washington and other prominent citizens. Original restricted. Typescript or photocopy available.

**11/322A/4-10 Pinckney-Lowndes family, 1820-1824, n.d.  
Letters, 1819-1824. Approx 65 items**

Lowcountry family. Letters to Harriott P. Rutledge, William Lowndes, Elizabeth B. Lowndes, Harriott Horry, Thomas Pinckney and others. Letters from Edward C. Rutledge regarding travel while serving the US Navy and personal matters; Thomas Murdock, London, Eng; Thomas Lowndes regarding slaves and Lowndes plantations; Hicks Lawrence, New York, NY regarding cotton manufacturing; Sarah E. Huger; Henrietta de Neuville, Washington DC regarding politicians wives and political gossip; A Laight, Mary Pinckney, Eldorado Plantation, Berkeley Co.; Rebecca L. Rutledge; TP to HH regarding death of WL; EBL to WL regarding adjournment of Congress (1822); John Dawson (1822) regarding HH's resignation from the Charleston Orphan Home; draft of TP letters to President James Monroe regarding a son's travel to Europe. Letters and papers of TP regarding experimentation with flax (1823); payment for rice (1821); tax return (1820) and other receipts. Copies of letters (1819-1822) from WL to Langdon Cheves regarding US bank. Also letters of EBL, Mary E. and Langdon Cheves, Robert Y. Hayne (also regarding politics in Washington DC) and Benjamin Allen, Hyde Park NY regarding education of Thomas P. Lowndes at West Point, NY. Also undated letters of HH, WL, TP, EBL; and Harriott P. Holbrook (?) regarding the Reformation and other matters. Undated Motte family genealogy material. Chronologically arranged.

**11/332A/1-3 Pinckney-Lowndes family, 1816-1819**  
**Letters, 1816-1819. 2 items**

Lowcountry families. Letters to William Lowndes, Harriott Horry, Harriet R. Rutledge, and Edward C. Rutledge. Letters from Elizabeth B. Lowndes, Ann P. McDonough, regarding child birth and infant death (1816); Sarah E. Huger, New York, NY regarding Duncan Phyfe furniture, personal and other matters; Presidents James Madison and James Monroe to WL (with reply) regarding offer of Secretary of War position (1817); John Vaughan, Philadelphia PA; Thomas Pinckney regarding travel to New York, NY (1818); And a draft of a speech with letters from E. Lewis, Mobile AL and John B. Lucas, St. Louis, MO (1818-1819) regarding Louisiana land claims legislation. Extract of letter regarding military service and from ECR regarding yellow fever (1818). Also letter to WL from Jacob Perkins, Philadelphia, regarding machinery for minting of US coins (1819).

**11/332/21-27 Pinckney-Lowndes family, 1800-1815**  
**Letters, 1800-1815, 1811-1827. 33 items**

Lowcountry families. Letters to (1800-1815) Elizabeth B. Lowndes, William Lowndes, Harriott Horry, Thomas Pinckney, and Frances M. Pinckney; from S. Jenkins regarding family matters and hurricane (1804); Benjamin H. Latrobe to John Vaughan (1802) regarding construction of engines and boilers; BHL to WL regarding steam engine (1813) and James Smallman, Philadelphia PA regarding Latrobe and making of engine (1813); William Simmons to WL regarding potato crops and plows (1805); Charles C. Pinckney regarding bonds (1806, 1812); Sarah E. Huger, New York NY to HH regarding grass seed, travel in Canada, brick-making, Duncan Phyfe furniture and letters of introduction; James Duncal to TP regarding threshing machine; Thomas Pinckney Jr. regarding marriage of WL & EBL (1802); Ann Peromeau and E. Frost to WL regarding economic hardship; S. Rutledge regarding personal matters; Harriott P. Rutledge and from John McQueen and others to TP regarding sugar crop experimentation and machinery in the West Indies (1813-1815). Other material includes a promissory note and a list

of China of Rebecca Motte (1814). A letter to CCP regarding law instruction (1814). A poem by Mary Pinckney (1815). Tolls collected for use of Santee Canal (1802-1808). Donation to Charleston Orphan Home (1800) and petition regarding cemetery near the Home (1812). Account book (1811-1827) of William Lowndes in account with the factorage of Kershaw, Lewis & Co. (1811-1822) and estate accounts (1822-1827) of WL.

**11/332/6-20 Pinckney-Lowndes family, 1756-1799**  
**Family letters and receipts, 1756-1799. 55 items**

Lowcountry families. Letters and receipts of Rawlins Lowndes. Receipts for wine, drapery, tuition for William Lowndes' education, fencing lessons, slave shoes, horse care, subscription to the American Museum., Philadelphia PA (1789); pew rent for St. Philip's Episcopal Church, Charleston and St. Bartholomew's Parish; and taxes. Letters to RL regarding credit problems, garden seeds, offer to sell Charleston properties to meet bond payment from a Mrs. Middleton. Receipts of Jacob Motte for dancing lessons (1778), payment for war service and subscription to Charleston Insurance Co. (1777). Will of Daniel Horry (1772). Letter to Charles C. Pinckney regarding travel and the military in England (1770) and from CCP to Daniel Horry regarding education (1780). Land dispute legal case (1794) of CCP with decision by John Rutledge. Student essay book of William Lowndes, "A Compendium of Logic" regarding logic (1794). Letters to Thomas Pinckney to his sister, Harriott Horry and as US Minister to England regarding an American in British debtor prison, claims against British privateers, TP's unsuccessful attempts to see Lord Grenville, and from Baring Brothers Co. regarding business matters. Letters of Elizabeth B. Lowndes regarding a governess' duties (1796), planting conditions at Eldorado plantation, Berkeley Co. (1798) and from Harriott Horry regarding personal matter. Also 1795 printed matter regarding naval matters and memo (1797) of Pinckney family members to pay a servant a pension. Chronologically arranged. Also letter (1761) to Eliza Lucas Pinckney from Ann Atkins regarding invitation. Letter books of Harriott Horry with drafts of letters from Charleston and elsewhere regarding personal and plantation matters (1763-1767, 1786-1787). Chronologically arranged.

**11/332/1-5 Pinckney-Lowndes, 1694-1756**  
**Papers, 1694-1756. 5 items**

Lowcountry families. Deed of sale for plantation of John Vanderhorst to Elias Prioleau (1694). Copy of land transactions and grants of Miles Brewton (1731-1774). Private prayers (1742-1758) of Eliza Lucas Pinckney. Copy of letter (1745) from Gov. George Lucas to Charles Pinckney regarding indigo. Title to land (1756) on Goose Creek purchased by Peter Saunders. Chronologically arranged.

**11/332A/11-19 Pinckney-Lowndes family, 1825-1847**  
**Letters, 1825-1847, n.d. Approx 80 items**

Lowcountry family. Letters to Elizabeth B. Lowndes, Thomas P. Lowndes, Rebecca (Lowndes) Rutledge and Harriott P. Rutledge. Letters from Thomas Pinckney including a draft of a letter to General Lafayette (1826), and RF family matters with notes regarding experiments with flax, rice transplantation, and cotton culture (1826). Letters also from H. Drayton, Northhampton, MA

(1827) regarding weather and cost of living I MA; Benjamin Allen, Hyde Park, NY regarding TPL's education; Rebecca (Lowndes) Rutledge regarding family matters including John E. Holbrook's family and her husband Edward C. Rutledge; various family members (1838) regarding wreck of the ship Pulaskie and death of Rutledge family members; Caroline Pinckney, Maria H. Pinckney, Charles C. Pinckney Jr, Thomas Pinckney, Jr., many undated letters from Elizabeth P. Huger, S. Rutledge, Harriott Holbrook, and a letter regarding Lafayette's visit to Harriott Horry. Also estate document of Charles C. Pinckney (1825). A letter and certificate to John E. Holbrook (1847). Letters from Charleston, Eldorado Plantation, Berkeley Co. and elsewhere. Also includes will of EBL (1827). Chronologically arranged.

**11/332A/20-25      Pinckney, Thomas, 1750-1828**  
**Mechanical and scientific drawings, ca. 1790-1828. 51 items**

Berkeley County planter and agricultural experimenter. Mechanical and scientific drawings with some detailed descriptions (ca. 1790-1820) possibly of TP's, William Lowndes, and Charles C. Pinckney. Included are drawings of a plow, a windmill, a canal, a trunk, a hydraulic machine and several boats—all from the Netherlands (possibly sent by William Vans Murray, US Minister, The Hague). Also there are sketches and broadsides of an American thrashing machine, a hemp and flax dresser and grain thrasher, a Welch car, a double canoe, descriptions of Venetian wells, a chakram (a machine used by Indians for raising water), drawing of an irrigation system, bridge drawing, wood pecker rice mill, "Belier hydalique," horse hoe, threshing mill, an agricultural machine, reservoir wheel marked "Mr. Lucas" and a gunpowder mill. Notes of TP and possibly William Lowndes regarding directions for making various agricultural or industrial items including cement for china, making oil from cotton seed, milk paint, cheap paint, water measurement device, pine board prices in England, diameter of a corn wheel, composition of flat roofs, oil composts, a Winchester bushel, wine for rolling screen and iron for nails. Also a copy of an 1802 letter to Henry Laurens Jr. rolling screen for cleaning rice. News clippings including Remarks on the Culture of Barilla (1799). For transcriptions and more detailed item level description, list at end of finding aid.

**11/332B/1-3      Horry, Harriott P., 1748-1830**  
**Journal, 1793. 1 vol., 1 copy**

**11/332B/4-5      Horry, Harriott P., 1748-1830**  
**Journal, 1815. 1 vol., 1 copy**

Charleston traveler. Journal (1815) of HH regarding trip overland with Eliza Pinckney, Mrs. Martin, and Thomas Pinckney from Hampton Plantation, Charleston Co., through NC, VA, MD, DE, PA, NY, NJ, NH, VT, CT & MA. The diary ends in Richmond, much material regarding social life and travel. Original restricted. Photocopy available.

**11/333/1-2      Ravenel, Harriott H., 1832-1912**  
**Family letters, 1850-1859. 43 items.**

Charleston author. Letters to St. Julien Ravenel, HHR, Rebecca M. Rutledge, and Elizabeth B. Lowndes from Thomas Pinckney regarding horse races, balls, and family matters (1852); James Deas, Mobile AL, regarding William Lowndes; Allen B. Green to St. JR regarding Louis Agassiz and scientific matters concerning racial make-up; some bonds of St. JR, other family members, and letters (1855-1856) to St. JR from Daniel Ravenel and many others regarding the yellow fever epidemic in Norfolk, VA (1855) where St. JR was an attending physician. Chronologically arranged.

**11/333/3-5 Ravenel, Harriott H., 1832-1912**  
**Family letters, 1861-1869. Approx 60 items**

Charleston author. Letters of St. Julien Ravenel, Harriott H. Ravenel, Harriott P. Rutledge, William Ravenel, Wilmot DeSaussure, Columbia (1862); Alfred F. Ravenel, T. Pinckney Lowndes, Robert N. Gourdin, Lise Ravenel (Childs) and Alfred Huger (1860s, n.d) regarding family affairs, personal matters, Civil War news, and battles from James Island, speculation of an attack on Charleston (1862-1863) and fortifications on Morris Island and family deaths. Also William H. Hayward regarding land sales, Edward McCrady Sr., regarding Charleston's future (1865) and letters of DB Phillips to HHR, Woodville and Norfolk VA on board the steamer Merrimack or Virginia with sketch of the ship, opinions of the Yankees, war news, war rumors, and descriptions of the boat he served on (1861-1862). Chronologically arranged.

**11/333/6 Holbrook, John E., 1794-1871**  
**Family and scientific letters, 1844-1860s-1871. Approx 30 items**

SC scientist. Letters to JEH mostly in Boston, MA to his niece Harriott H. Ravenel regarding family matters, traveling, and some scientific questions. Also biographical material regarding JEH and papers regarding his membership in the "Societe des Antiquaries du Nord" (1849) and a letter (1844) from Prince Maximillian of Wied (?) regarding shakes and herpetology.

**11/333/7-10 Ravenel, St. Julien, 1819-1882**  
**Scientific and family letters, 1870-1882. Approx 125 items**

Charleston physician. Scientific, agricultural, business and family letters of St. JR and his wife Harriott H. Ravenel. But mostly regarding agricultural experiments with fertilizers, crabgrass, ash element, cow peas, phosphate, Bermuda grass, and cohon. Letters from Robert N. Gourdin, Johnson Hagood, Stono Phosphate Co. and others. Correspondence of HHR and RNG regarding continuation of experiments after St. JR's death. Many condolence letters to HHR regarding St. JR's death including letters from James Chesnut and Alexander Agassiz. Chronologically arranged.

**11/333-334B Ravenel, Harriott H., 1832-1912**  
**Letters, 1883-1918, n.d. 1 ¼ ft.**

Charleston author. Letters to HHR from Robert N. Gourdin and others 1890s regarding Little David civil war vessel; Gabriel E. Manigault regarding missing George Romney portrait (1895); Charles Scribner's Sons and McMillan & Co. editors regarding publication of HHR's book

(1897-907); John Fox, Jr. (1898), Edward McCrady regarding SC history (1900), Thomas Della Torre, DH Chamberlain regarding politics (1904), Elizabeth W.A. Pringle, Elizabeth C. Agassiz, Cambridge MA (1896-1907); Owen Wister, Philadelphia PA. And elsewhere regarding HHR's publications and her editorial help on the Lady Baltimore ms. (1905-1911, n.d.) W. Scott Moncriel (1907), and William A. Courtenay (1907). Letters from family members include John Ravenel, Lise Ravenel (Childs), Harriott R. McClain, Edward R. Ravenel, St. Julien Ravenel, Frank C. Ravenel, Helene L. Ravenel, Fanny R. Pringle, Rebecca M. Rutledge, T. Pinckney Lowndes, George H. Sass, Susan P. Allston, Thomas Pinckney, Louis McClain, Susan Pringle, St. Julien Childs, William P. Miles, New Orleans LA (1892) and others regarding earthquake (1886), genealogy, HHR's books on William Lowndes, Eliza L. Pinckney and Charleston; and family matters. Chronologically arranged.

**11/334C-334F            Ravenel, Harriott H., 1832-1912**  
**Writings, 1879-1906. 1 ¾ ft.**

Charleston author. Non-fiction, notes, poetry and fiction of HHR (Mrs. St. Julien Ravenel) ms of Charleston The Place and the People, 1906. partial ms. for "Eliza Lucas Pinckney." (1897) Shorter non-fiction ms. include "The Defense of Charleston Harbor;" Reminiscences for her children regarding her life (1902), ms. regarding economic problems; ms. regarding Huguenot history; civil war reminiscences, essays on England and religion; mss. regarding Henry VIII; ms. regarding the Exchange Building, Charleston; a cookbook; "Colonial Way" published in the Meteor (1895); misc. history notes and letters regarding the Civil War vessels "Little David" and "The Hunley." Poetry of HHR includes her own, poetry she collected regarding the civil war and other subjects. Short pieces of fiction regarding Jeanne d'Arc, a children's fiction story printed under the pseudo. of Miss H. Hilton Broom (1879) and other fiction fragments. Arranged by book or article.

**11/334G/1-15            Ravenel, Harriott H., 1832-1912**  
**Misc. 1830, 1866-ca. 1930. ½ ft.**

Charleston author. News clippings of reviews of her books. List of books read (1866-1877). Biographies of St. Julien Ravenel. St JR's obituary and Civil War pardon. Some genealogical papers. Writings by others include DH Chamberlain's article: "Reconstruction in SC" ms of article published in Atlantic Monthly (1901); "The Quintessence of Long Speeches: A Political Catechism" by Miss Maria H. Pinckney," ms and pamphlet (1830). Ms of a learning game, misc. business papers, and notes regarding Ladies Memorial Assn (ca. 1910), Charleston. Correspondents and receipts of Harriott McClain. Papers of Louis McClain regarding phosphate (1902-1926). Mss of "Reminiscences of Carolinians in Philadelphia" (ca. 1810-1840).

**Item level description for Mechanical and scientific drawings, ca. 1790-1828. 51 items**  
**Pinckney, Thomas, 1750-1828**

**11/332a/20**

1.  
"Woodpecker rice mill"

8.25" x 6.75" pencil sketch on watermarked paper.

2.

"Threshing mill

8" x 6" ink sketch on watermarked paper.

3.

Great Dutch draining windmill in front of Cambridgeshire  
Illustration in pencil. 10" x 14.25"

4.

Gunpowder mill

10.5" x 12" pencil and ink sketch. Very intricate. Has what appear to be doodles of a child on the verso. No watermark.

5.

Horse mill

Ink sketch of horse-powered mill with buckets of water being drawn from a body of water into a trough. On watermarked ("G R") paper. 16" x 9.5"

### **11/332a/21**

1.

Double Canoe

Blue ink sketch on watermarked paper. 22" x 5"

2.

"Double Boat of Friendly Isles from Captain Cook's Voyage"

Description of the double canoe written in ink on watermarked ("I TAYLOR") paper. 16" x 10"

3.

"A Draught Plan & Section of an Amsterdam Canoe, soon in the South seas showing two in the plan, their distance from out to outside being 13 ft. 9 in."

Color illustration and description of materials, dimensions and assembly of the "Amsterdam Canoe" on watermarked paper ("G R 1794"). 16" x 10"

"Secured with beams and aft timber lashed together with sinnot made of cocoa nut [balls?]."

4.

"Dutch yacht by Mr. Van Hapell", I

Pencil sketch of the interior cross-section of a large vessel with servant's apartment, kitchen, storage for provisions, bedrooms, cabin and wine cellar. On watermarked paper. 13" x 8"

5.

"Dutch yacht by Mr. Van Hapell", II

Pencil sketch of exterior of a large vessel and its platform. On watermarked paper. 16" x 13"

6.

“Chakram- Indian Machine for raising water, [Francis] Buchanan’s Mysore”

Written description, in the hand of Charles Pinckney, of the chakram, taken from Dr Francis Buchanan’s work. Buchanan was later known as Francis Hamilton but often referred to as Francis Buchanan-Hamilton (15 February 1762 - 15 June 1829) and was a Scottish physician who made significant contributions as a geographer, zoologist, and botanist while living in India. Paper is thin with no watermark. 8” x 10”

7.

“Chakram hydraulic machine of Indostan.”

Pen and ink illustration of chakram with wheel and trough. On thick paper with no watermark. 9” x 10”

8.

“Belier Hydraulique”

Pen and ink illustration of the “Method of raising water to a great height with a small fall, discovered by Montgolfier, the person who invented air balloons. On watermarked paper. Approx. 10” x 8”

9.

“The Bear”

Illustration and written description of “a roller about 8 feet long and 3 ½ feet diameter, compose of a wooden axle tree in the center, at each end of which is a solid wooden wheel 3 ½ feet in diameter. These wheels support and are connected by wooden bars about 5 inches square in circumference. . .” On watermarked paper. 7.5” x 13”

### **11/332a/22**

1.

Letter from N[athan] and D[avid] Sellers (brothers) to Henry Laurens, Jr. regarding the history of their work in designing rolling screen for “making wire work for cleaning rice generally”. 23 July, 1802.

The Sellars’ describe the evolution of the design of a screen to clean rice, first spurred at the request of Josiah Smith in 1782/3 and later applied to make screens for William Alston, Thomas Pinckney and “a person named Drury, . . . a South Carolina gentleman.” On watermarked paper. 16” x 12.5”

2.

Pinckney’s notes on ‘wire web sufficient to cover a rolling screen. . .’

On watermarked paper.

4” x 7.5”

3.

“Dutch Trunk”

Pen and ink sketches of rice trunks. On watermarked (“LVG”) paper. 15.5” x 13.

4.

Sketch of riverside canals, ditches.

Pen and ink illustration of riverside canal system with written description. "Division bank and ditch, the least no longer than to afford earth for the bank. If labor can be spared to remove the ditch throw out of the main drain to those banks the ditch need scarcely be larger than one of the drains." 7" x 3".

5.

"Puddling canals at Uxbridge"

Sketch and written description of a section of a canal that Pinckney saw being dug near Uxbridge. On watermarked paper. 7.5" x 9.5"

6.

"Mr. Lucas" mechanical drawing.

Upper reservoir fed by a wheel drawing from a body of water below to irrigate canals. On watermarked ("CURTELS & SONS 1794") paper. 17" x 13"

"Description of a Carr, a very simple an common carriage in Wales"

Illustration with labels and description in ink on watermarked ("C WILMOTT 1805") paper. 16" x 10"

### **11/332a/23**

1.

"Venetian cistern for rainwater"

Pencil and ink sketch of interior cross "section of the cistern" as well as the "above ground" structure. 7.75" x 6.5"

2.

"Rough draft of the description of the venetian well"

8" x 6.75"

3.

"Venetian Cistern"

Illustrated (pen and colored ink) description of a venetian well. 8.5" x 13"

4.

"Horse hoe"

Ink illustration of a plough. 8" x 4.5"

5.

"Marsh plow for Major Pinckney"

Colored illustration of a "plough for marsh lands" 7.5"x 6"

6.

"Mr. Jefferson's account of methods of forming a mould board for plough"

Six pages of written description on very thin paper with watermark (“SOLD BY J WOODMASON LONDON”).

**11/332a/24**

1.  
“An essay on the Ground Nut, arachis (hypogea manubi sive mondubi, as an article from which a palatable and wholesome oil can be extracted. By Mr. A. Boucaeris of Philadelphia, in a communication to Dr. Mitchill, dated June 17, 1809.”  
Published in the Charleston [Gazette]. 5.5” x 20”
2.  
“Remarks on the Culture of Barilla”  
Charleston, April 4, 1799. Approximately 7” x 5.5”
3.  
Published description of “The Royal Charlotte” including its external dimensions and materials.
4.  
“Bernard’s patent threshing machine”  
Illustrated description of a patented threshing machine with details on the proportion of the machine for two horses, bill of scantling, and information for famers.  
circa 1808  
13” x 8.5”
5.  
Illustrations of Lewis Werwag Bridges  
All located in Pennsylvania. Drawn and engraved by E.G. Gridley.  
17” x 7.5”
6.  
Illustrated advertisement for Goodsell’s patent hemp and flax dresser & grain thrasher”  
Includes detailed description of machinery and assembly instructions. This copy is annotated, presumably by Thomas Pinckney.  
Printed on thin paper. Condition of original is very fragile. 8” x 12”

**11/332a/25-** (Recipes, notes, etc.)

1.  
“Water measurements from Six Mile creek westward”  
7.75” x 6.5”
2.  
“Oil from Cotton Seed”  
Paper wrapper. 6.5” x 3.25”

3.

“The Results of an experiment made to extract an [Experimental] oil from Cotton Seed”  
October 1800

4.

Recipe for “Cheap Paint” or “Domestic Paint: Rice flour [with] lime”

On watermarked (“1796”) paper. 8” x 10”

*Full Transcription:*

Take a piece of hide about a foot square, boil it well in about 10 gallons of water, then add about a bushel of rice flour boil it till it is like starch, then strain it and put as much lime to it as will make it as white as you choice. I generally put about a peck to this quantity and if \* you find it too much to lay it on with the brush, add a little water to it as you use it. In first using this mixture, I generally do over the building twice; after that if they are painted over once a year, it will keep them perfectly white.

Another

Take 3 parts air slacked lime

2 parts wood ashes

1 part fine sand

Sift them all together and mix linseed oil till of proper consistence for painting

It must have [2] coats.

\*Mem: try the addition of River sand

5.

“Milk Paint”

On watermarked paper.

8” x 13”

*Full Transcription:*

Skimmed milk, not sour - eight pounds,

Fresh slaked lime - six ounces

Linseed, caraway, or nut oil - four ounces

Whiting- five pounds- the above is for white paint; if colored paint is required add charcoal pounded in water, Spanish brown, yella ochre, &c, &c, according to the color you desire. To mix the paint, put the lime into a vessel of stone ware and pour upon it a sufficient quantity of the milk to make a smooth mixture; then add the oil by degrees, stirring the mixture with a small wooden spatula. Then add the remainder of the milk after which the whiting should be crumbled & gently spread upon the surface of the liquid which it gradually imbibes, & at length sinks, it must then be stirred up with a stick.

The above quantity is sufficient for the first layer of twenty four square yards.

6.

“Method of preparing cotton yarn to receive the madder dye – from Eton’s Turkey”

8” x 7”

Excerpted from A Survey of the Turkish Empire by William Eton, 1799 (pg. 234)

*Full Transcription*

Cotton at Smyrna is dyed with madder in the following manner: - The cotton is boiled in mild alkali and then in common olive oil; being cleaned, it will then take the madder dye: and this is the fine colour we see in Smyrna cotton-yarn.

7.

“Cement for China Glass - from Eton’s Turkey”

8” x 7”

Excerpted from A Survey of the Turkish Empire by William Eton, 1799

*Full Transcription*

Dissolve five or six bits of mastic as large as peas, in as much spirits of wine as will suffice to render it liquid; in another vessel dissolve as much using [less] (which has been previously soaked in water until it is swollen and soft) in french brandy or rum, as will make two ounces by measure, of strong glue, & add two small bits of gum galbanum, or ammonia gum, which must be rubbed or ground till they are dissolved; then mix the whole with a sufficient heat; keep it in a [wheat -----?] and when it is to be used set it in hot water. -

8.

“Composition for Flat Roofs”

Addressed to “Major Pinckney, Moultrieville”.

6.25” x 8”

*Full Transcription*

Take one bushel of ground plaster, cal it over the fire in a dry pot or kettle, when cold, mix with it three bushels of sharp sand or fine as can be procured, lay on a coat of tar and sift the composition over it. When dry another coat may be added & so on as often as maybe thought necessary to give the coating a sufficient thickness.

I went yesterday to [Dr. Motte] (to forward to you) a receipt from Genl. Pinckney in which chalk is the principle ingredient.

Yours, [Capt. C H H] Saturday

9.

[Roof recipe]

This is most likely the recipe from General Pinckney, referred to in the note contained in “Composition for Flat Roofs” delivered to Major Pinckney at Moultrieville.

*Full Transcription*

Three measures of pounded chalk carefully sifted. Well stirred, boiled gently & then put on with a thick plasterer’s trowel heated from time to time, will do better than a coat of tar & sand- it should not be put on thick; perhaps the thickness of a dollar.

6.5” x 2.5”

10.

“Measurement of Timber”

Note on watermarked paper. 4” x 6.25”

*Full Transcription*

The mode of measuring squared timber whereby it is purchased at the Charleston mills is as follows-

Add together the side and edge of log in inches & multiply by the length in feet, dividing the product by twelve, the quotient will be the number of square feet in the log the median price of which is about three dollars pr. hundred feet.

Example 1st to find the contents and value of a log 25 feet long and 12 inches square

add 12

to 12

24 inches

multiply by 25 the length of the log

120

48

div. by 12/ 600

50 which is the price of 3 \$ pr. pound

Makes the price of a log of 25 ft long & a foot square be 1 ½ % of 6\$ fir 100 ft in length of such logs.

Example 2nd

To find the value of 100 ft of squared timber 13 by 14 inches

add 14

to 13

27

multiply by 100

divide by 12 2700

225 ft value of [----] % of 6. 75/100

11.

“Measurement of timber at Charleston mills”

Note on a scrap of 5” x 2.25” paper

*Partial Transcription*

“Add together the side and edge in inches, multiply by the length in feet & divide by twelve.”

12.

“Price of Pine Board in England”

6.25” x 4”

“120 pine boards 1 ½ inch thick 12 in. wide & 12 feet long. Sell for £ 20 in England”

13.

Recipe for “Oil Compost”

Oil compost was used to promote the growth of agricultural staples and was made from whale oil (a.k.a. “train-oil”) along with manure, ash, and sand. On watermarked paper. 7.5” x 6”

Adapted from:

Alexander Hunter’s Geographical Essays, Volume 1. York: T. Wilson and R. Spence, 1803, pages 40-41.

*Full Transcription*

Take American Pot ash- 12 il break it into small pieces, put it into a vessel with 4 gallons water.

Let it stand 48 Hours then add 14 gallons of coarse train oil- in a few days, the salt will be

dissolved; take 14 bushels of sand or 20 of dry mould upon these pour the above ingredients turn

this composition frequently over and in six months it will be fit for use- The above sufficient for an acre.

The liquid ingredients mixed with two [hands] of water may be carried over grass lands by watering carts. Hunter's Geographical Essays

14.

"Upper side shutter of a mitre floodgate"

Pen and ink sketch on a scrap of paper with notes on verso.

4.5" x 4.5"

Mitre gates were invented in 1440 in Italy by Philippe Marie Visconti. When closed, a pair met at an angle like a chevron pointing upstream and only a very small difference in water-level is necessary to squeeze the closed gates securely together. Pinckney most likely applied this technology to growth of rice or other agricultural products.

15.

"Winchester bushel"

Note describing "a Winchester bushel" which "contains 2178 inches- measure a foot square & 15 1/8 inches deep contains exactly that quantity"

4.5" x 3.25"

16.

"a sett of pump bits or borers"

Fragment of paper with note. 2" x 2.5"

"A sett of pump bits or borers for reaming as much as a foot in diameter made at Germantown near Philadelphia."

17.

"Diameter of the corn wheel"

Fragment of paper with note. 5" x 2"

"Diameter of the corn wheel five feet, nine inches and a half. 5 ft. 9 in. 1/2 - 60 cogs."

18.

"Iron for nails"

Fragment of paper with weights of iron for two different sizes of nails and one size of shingles. 8" x 3"

*Full Transcription*

500 wt of bars for 20d nails to be 3 1/4 inches wide

200 wt of bars for 10d nails to be drawn 2 1/2 inches wide

500 wt of bars for shingles - to be 1 1/2 wide

19.

Rough notes and instructions for planting, ditch digging, draining land, etc. for Pinckney lands 16" x 12"

*Full Transcription*

Alick will throw out next year the little high ground square next to mill house which he plants this year- He will throw out also the high parts of landing & fighting squares and neither plant

them himself or let the negroes plant them. Nor will he plant landing down from mill h.g. down. He will throw out near the river in [Sony y.]

In levelling all the high parts that are within a spades throw of a ditch must be put in canoes and carried to the creeks. One man having 3 or 4 canoes fills them with dirt- carries them (tied together) to the creeks & c. after he has done his part to the square the hoes go in & level the hills into the neighboring hollows & c. as any rate no [pons] must be left.

Alick will sett apart men with pick axes & c to take up roots when they cannot [reach] perhaps it may be best to use the canoes in carrying these roots, throwing them over the river dam, or on the high ground not planted.

Ditches. In Fenwicke square at least 3 drains are wanted. A drain from the high ground to the river in big square which has been made within a year or two must be made one or two feet wider so as to fill up well the old drain near it which has been killed but not well filled up. Many of the drains are necessary as Alick will see if he looks well at the land & sees where the rice has been killed this year.

Shaft plow for Dell

Next fall before pounding I must see the cuts made between the fields [becoming] level with the ground & making the cuts very wide – [becoming] also the margin ditches. ( I have some thought of here after not using as a [----] more than machine.)

After hoeing cuts of [pumped] dams. Head dam.

Bring up chaff in the flat.

Cooper [stuff] a few barrels for beef & get a few rice kernels a head.

Barn & fences like “Mr. Jon’s”

Carpenters to put in order machine and thrashing mill

Shuck cotton

Bring down pavilion – give to Marianne Simons’ wind jacket & 2 breeches

Grown oats in the loft- cut down [-----]

[Kepney] corner gates- wheelbarrow- paint fences marsh house

Carpenters- 3 more locks- venetian blinds, glass doors.

20.

Drawing of circles of different sizes, some overlapping

With measurements. Perhaps a cross section of a design for an agricultural tool or mechanism

On watermarked (“I B & Co.”) paper. 18” x 12”