

PRODUCT IN 1774

Mark Bird cast products at Hopewell Furnace according to the demands of 1784. Non-stove production consisted of forge hammers, usually weighing 500 pounds, brasses (bases? an unknown forge part, stands, husks, anvils, bolts and boyles (both of unknown use. The final but necessary forge ~~product~~ casting were over 12 hundred weight of forge plates, forge firebox parts, two inches thick.

Country castings included three sizes of skillets, large, small and half-price ~~XXXXXXXXXX~~ (defective in looks but watertight) teakettles, Dutch bake ovens, bake plates, french, 2, 3, 4 gallon fireplace kettles, plus 4.17.0.2 of potware, 126 pieces of hardware, larger, up to butcher-kettle size, in eight weights, twenty-two pairs of flat irons and a Taylor's goose. Other castings included <sup>Seven Wallows,</sup> chimney plates (firebacks?), a blacksmith's horn and a ton of "castings".

For his Birdsboro ~~and/or~~ Falls of Delaware rolling -slitting (nail production) mills Bird cast two large and one small "rollers", seven large and four small boxes (bearings?). Wagon wheel and cart boxes ~~XXXX~~, wheel bearings were another product much needed in a horse and wagon economy. Hopewell cast and sold over 3.1.5 tons of this necessity.

To repeat, Bird satisfied the demands of his time, casting from redhot iron ~~xxx~~ whatever the area - extending to Philadelphia, wanted.

List attached

Non-stove 1784-85

- |                            |                                    |                               |                      |
|----------------------------|------------------------------------|-------------------------------|----------------------|
| 10 Large Hammers           | 1 Ton "castings"                   | Kettles                       | 246 pounds           |
| 10 Grasses                 | Chimney Plates /Firebacks?/        | 30 1/2 lb                     |                      |
| 4 Stands on wpt 3, 1, 2, 2 | 2 Lg Rollers } f6r nail rod R Mill | 44 lb                         |                      |
| 6 Husks                    | 1 Sm Rollers } at Ed. Co.          | 64, 65, 67 #                  | → Ed. Co.            |
| 3 Anvils                   | 7 Lg Boxes } v Falls of Del.       | 72, 73, 74 #                  |                      |
| 2 Boits                    | 4 Sm Boxes                         | 1 Kettle                      |                      |
| 2 Boyles                   | 1 Black Smith HORON                | 2 Cart Boxes/ wheel bearings/ | and 31.11.1.5 pounds |
| 39 Forge Plates -          | 7 Wallowers                        | 22 pr Flat Irons              |                      |
| + 12.2. 24#                | 126 pieces hardware                | 1 Taylor's Goose              |                      |
| 6 56 Weights               | 12 Bake Oven/Dutch?/               |                               |                      |
| 7 Lg Skillets              | 3 Bake Plates                      |                               |                      |
| 6 Md "                     | 4. 17.0.2 Potware                  |                               |                      |
| 8 Sm "                     | 4 Pots                             |                               |                      |
| 14 Teakettles              | 7 French Pots                      |                               |                      |
| 3 " half-priced            | 6 2-gal pots                       |                               |                      |
| 2 " large                  | 3 3-gal pots                       |                               |                      |
| 4 " small                  | 6 4-gal pots                       |                               |                      |

Furnace

Higer Dec. 72

INWALLS

Fact that furnace was back in blast within three weeks of <sup>always</sup> ~~and of blast~~ <sup>"blowing out"</sup> ~~blast~~ SUGGESTS that inwall stone, already cut, was on hand at the furnace. The same applies to hearth stones. <sup>IN N.J.</sup> The inwall stone of the Hopewall area was so GOOD that OXFORD FURNACE <sup>^</sup> opposite Easton ~~was~~ came down to Geigertown-Joanna area for their inwalls.

One used, another set was restocked as soon as possible.