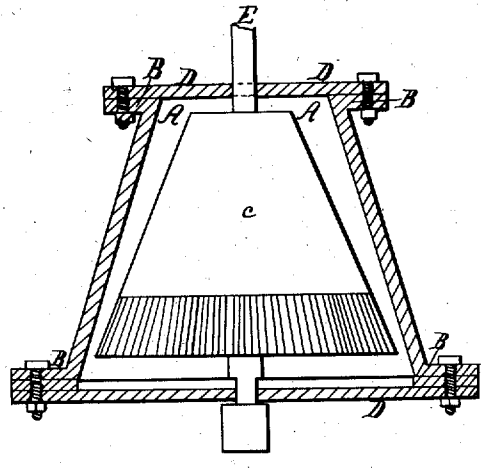
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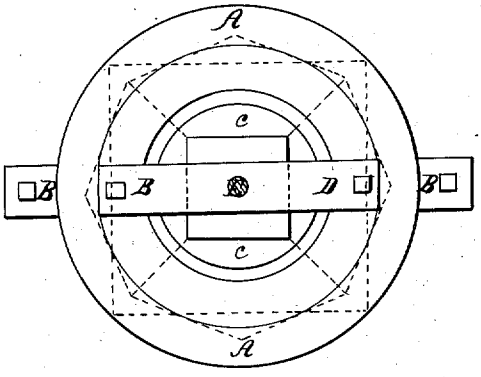
1726X

P. Geiger.

Paint Mill.

Patented May 12, 1812.





May 12. 1811

1726X

Paul Geyer

Letters Patent

The Schedule referred to in these Letters Patent and marking part of the same containing a description in the words of the said Paul Geyer himself of his Machine for Sinking Shafts of Pits or other hard Substances.

A hopper of cast iron in the form of a frustum of a cone, with four arms cast to it two projecting from the top and the other two from the bottom diametrically opposite each other. A cast iron mill of a pyramidical or polygonal or flat bar of iron decreasing its diameter regularly by about one fourth of its length. when it begins to change its form from an octagonal into a round cylindric shape beginning regularly by the top. The polygonal sides are formed not into teeth or cutters perpendicular or oblique to the other, which gives each person a sharp edge. The mill is worked in a retrograde motion by which motion the intervening substance is with an impulse thrown against the sides of the hopper until small enough to fall through between it and the mill which works like two bridges or Mayes of the top and bottom of the hopper. two bridges or Mayes of wrought iron which are bent across the top and bottom of the hopper to receive the ends of the iron to which they are fastened by screws. The lower bridge or May on which the mill turns is separated from the hopper by plates of iron fastened of sufficient thickness to afford a passage all round the hopper for the broken substance to fall away. The shank of the mill passes through the lower bridge or May in which it turns and is screwed at the end to which the power that turns it is applied.

Witnesses
Jas Donaldson
Chas E. Abbott

Paul Geyer

(312 words)