

P. MARTIN,
NORTH BEACH
CEMENT DRAIN
MANUFACTURER.

FACTORY :

OFFICE :

Cor. Francisco and Taylor Sts.

No. 542 California Street.

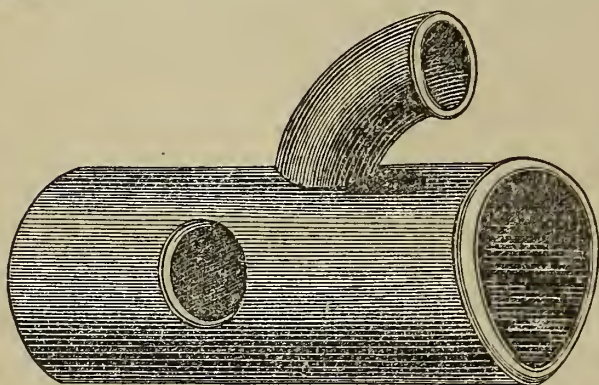
SAN FRANCISCO.

Pacific Cement Comp'y,

P. MARTIN, President.

E. SCHIRMER, Secretary.

BEST QUALITY CEMENT AT MODERATE PRICES.



EGG-SHAPED PIPE.

Round Pipe from 4 to 18 inches.

New System
 OF

SEWERAGE.

Report of Prominent Engineers on Egg-Shaped Cement Pipe.

"The water carriage system consists of a series of drains and sewers, laid at various inclinations, for the purpose of receiving and carrying the water we use and the filth we produce in our houses and towns. The efficiency of this system depends, as its name implies, upon the gravitating power of the water to remove not only itself, but the organic and inorganic matter which it receives. And as the water derives the requisite power to do this, from the form, the fall, the size, and the construction of the sewer in which it runs, it is imperative that, by no defect in either of these respects, should any of this power be wasted or lost; for the more power the water has, the better it raises and holds the matter in suspension, and propels it forward; the quicker it carries it to the outfalls; the cleaner it keeps the drains and sewers; the more free they are from noxious gases; the purer the atmosphere, and the healthier will be the inhabitants of houses and towns.

"At different periods, various forms have been used for drains and sewers—the circle, the semi-circle, the oval, the semi-oval, and parts of these combined. But the best form is that of an egg, broad at the large end, and narrow at the small end, and this end placed downward, as shown in the sketch.

"By this form, the pipe imparts to the same quantity of sewage, greater velocity and scouring power, the sides and crown offer greater resistance to the pressure of the ground, and the amount of excavation required for its execution is less than any other form."