## Late Inventions and Appliances

GUARDI' G PAPER FOR MONEY. N constructing the new building for the United States Bureau of En-

bureau, but also of the special bank paper upon which money is printed. This paper is so valuable that the plain white sheets are counted, re-counted, checked, sealed and ac-counted for just as if they were money. Without a scratch or line upon its white surface, the very pos-session of a single sheet of this paper renders one liable to a fine of \$5000, or to imprisonment for five years, or to both fine and imprisonment.

or beaten until they are reduced to a pulp. This pulp is then stored in filters from which the water drains off. From this pile of long-fiber pulp a sufficient amount is taken for the day's work, put in grinding machines, where, mixed with pure water, the pulp is reduced to a uniform consis-about 90 per cent water to 10 per

pulp is reduced to a uniform consis-about 90 per cent water to 10 per cent fiber. Thus far the manufacture of bank-note paper follows the accepted methods for the manufacture of any bigh-grade bond paper. At this point, nursery and carefully noted the care however, begin the secret manipula-exercised in the grading and select-tions which increase its wearing qual-its of American paper money. The method by which these fibers are in-standard of development were dis-corporated into the texture of the scarefully how only to a guarded secrets, known only to a person who intends to set out some paper is one of the most carefully heap, as for guarded secrets, known only to a person who very few trusted and bonded em- trees should ployes of the manufacturer and the is the Ore Government officials in charge of the Orenco, Or.

Engraving and Printing, when the paper is again counted before any work is done upon it.

EMERGENCY AUTO CONTROL. DEVICE for stopping an auto-The United States Bureau of Engraving and Printing in Washington, provision has been made for recreation space for the employes on the comfortable seats, luncheon tables, etc., as well as space for promenades and games.
These provisions are necessitated because of the rule prohibiting employes from leaving the building or even entering the public parts of it between their arrival at work in the ordinary management of the many precautions the Government employs to prevent the thett or accidental loss, not only of paper upon which is manufactured at the bureau, but also of the special bank paper upon which money is printed.
A mobile, which can be operated by a possenger in emergencies, such as the fainting or sudden disability of the chauffeur, has been patented by an English inventor. The invention comfortable seats, luncheon tables, etc., as well as space for promenades and games.
These provisions are necessitated because of the rule prohibiting employes from leaving the building or even entering the public parts of it he analy precautions the Government employs to prevent the thett or accidental loss, not only of paper upon which is manufactured at the bureau, but also of the special bank paper upon which money is printed.
This paper is an advingtion the special bank paper upon which money is printed. mobile, which can be operated

#### Substitute for Cement.

Substitute for Coment. The following is recommended as a substitute for cement: Make a mix-ture of slaked lime, linseed oil and cotton fiber, kneading well together to a stiff dough. This should be al-lowed to set before being exposed.

### SELECTING NURSERY STOCK. BY W. A. LUZADER.

renders one liable to a fine of \$5000, or to imprisonment for five years, or to both fine and imprisonment. Mass. by a secret process, and under the strict supervision of Government inspectors throughout the entire proc-ess of manufacture, every precaution is adopted to prevent a single sheet from falling into the hands of unau-thorized persons, who might use ti-thilegally. Until impressed by the engravings that convert them into money, these sheets are simply high-grade bond paper. Nothing but pure linen rags is used in its manufacture, and these rags are fresh, new and undyed. They are clippings from linen used in the manufacture of shirts, collars, lin-gerie, and such articles. Being pure white, no bleaching is necessary, and the fibers are spared the action of strong chemicals. The rags are washed in flowing warm water until every trace of starch, size and filler is removed. For a long time, and these ponded or beaten until they are reduced to pulp. This pulp is then stored in filters from which the water drains off. From this pile of long-fiber pulp a sufficient amount is taken for the

rieties of fruit in various forms. • Do not buy diseased trees, buy de-pendable stock from a dependable nursery; one with a reputation, even if the stock costs a little more than

person who intends to set out some trees should know this nursery. It is the Oregon Nursery Company,



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Clay Workers to Meet. A conference of brick, tile and other clay workers of Oregon will be held during O. A. C. Farmers' Week, February I to 7. Dean Parks, head of the School of Mines, thinks that the importance of the clay products in construction, drainage and other lines duritifies a more round and eco. lines justifies a more rapid and economical development of clay products industries.

People with very little energy will guite easily accept for the truth no-tions which some of us find it impossible to believe.