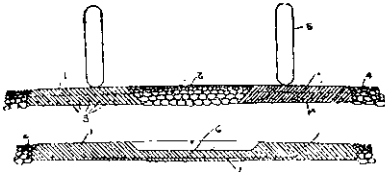


concrete in a plastic condition is applied by hand by passing the same through the spaces in or between the reinforcing members and then building up and finishing the facing-surfaces.

**Ore Concentrator**—A patent, No. 41448, has been taken out by Ferdinand G. Gasche, of Chicago. Consists in directing a stream of the particles in a single direction across a floor at a velocity which initially is substantially uniform irrespective of the varying size and weight of the particles, and against an atmosphere, which absorbs the energy of motion of the individual particles, thereby causing the precipitation of the particles upon said floor at points near and far from the point of initial projection according to the varying size and weight of the particles. The apparatus comprises an ore-pulverising machine, in combination with an ore-container wherein the pulverised ore may be held under air-pressure a valved outlet for said container for the discharge of the ore with a portion of compressed air, a gun or nozzle which receives the pulverised ore and air, and a concentrating-floor over which said nozzle is directed. Other features are contained in invention.

**Road Surfacing**—A patent, No. 41226, has been taken out by Leonard G. P. Spencer, of Auckland, which, consists of



the combination of reinforced concrete and tar macadam roadways, and two concrete wheelways tied together at intervals with reinforced-concrete ties.

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