STATES PATENT OFFICE.

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MANUFACTURE OF DUTCH TILES OR SLABS HAVING SURFACE AND ARTICLE PRODUCED THEREBY.

No Drawing.

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To all whom it may concern:

or Slabs Having a Lustrous Surface and and appears to be glazed. Article Produced Thereby, of which the fol- In order to provide the slabs or tiles with

10 ments in a method for the manufacture of imitate the grain of wood thereon and so on, 65

like.

The improved method comprises applying 15 to slabs made of asbestos-cement when they obtained by using colored instead of white 70 are still fresh and soft, a coating of a mix- comminuted marble. These colored marmarble and thereafter a coating of a mixture chemical combination with the milk of lime. of milk of lime and a soap solution without The slabs manufactured according to the

the surface of the slabs.

slabs of asbestos-cement are placed horizon- the slabs are dry. 25 tally upon a working table and are uniformly Slabs manufactured according to the 80 verized marble. After the above mentioned trically insulating. mixture has been applied it is smoothed by I claim: 35 smooth.

40 firmly and does not peel off.

a further coating of the mixture consisting treated. of, for instance, 4 parts by volume of milk 2. A method for the manufacture of 45 solution without an excess of free soda is face, comprising applying to a slab made 100 solution that contains no free soda is pro- of lime and pulverized marble, smoothing weight of Venetian soap in 5 parts of water. coating of a mixture of milk of lime and a 100 In order to accelerate the formation of the soap solution without an excess of soda, and solution the soap is finely divided up and smoothing the surface thus treated.

of say 15—20 minutes whereafter the treated Be it known that I, Giovanni Maddalena, surface of the slab is smoothed by means of a subject of the King of Italy, residing at a hot, almost red hot, flat iron or the like. Niederurnen, Switzerland, have invented a This smoothing procedure is continued until 5 Method for the Manufacture of Dutch Tiles the surface of the slab is completely smooth 60

lowing is a specification.

a decorated surface, i. e. to give the latter The present invention relates to improve the appearance of marble or majolica, to Dutch tiles or slabs having a lustrous sur- the necessary colours are added to the first face and used for covering walls and the and second mixture whereby any desired pattern effect may be obtained.

Such color effects may advantageously be ture of a liquid paste of lime and pulverized bles are calcareous and enter into a sort of

20 an excess of free soda, and smoothing then described process may be utilized in the 75 same size in which they are manufactured, The method may be carried into effect in or they may be sawed in a known manner the following manner: The fresh made soft like ordinary slabs of asbestos-cement when

covered by means of a large brush with a thin above described method may be utilized for layer or coating of a mixture of thin paste covering walls of kitchens and bathrooms, of lime and pulverized marble in a propor- for tile stoves, roofings, tops of dressing tation of five parts by volume of the thin bles and the like. Another feature of the 30 paste of lime to one part by volume of pul-slabs consists in the fact that they are elec- 85

means of a flat iron or a polishing sleeker 1. A method for the manufacture of until the surface appears to be perfectly Dutch tiles or slabs having a lustrous surface, comprising applying to a slab made 90 As said mixture is applied to the slabs of asbestos-cement when it is still fresh and when the latter are still in their soft state soft a coating of a mixture of liquid paste this mixture is united to the slab by the si- of lime and pulverized marble, applying multaneous binding action so that it adheres thereafter a coating of a mixture of milk of lime and a soap solution without an excess 95 As soon as the first procedure is finished of soda, and smoothing the surface thus

of lime and 1½ parts by volume of a soap Dutch tiles or slabs having a lustrous suruniformly applied with a brush to the slab of asbestos-cement when it is still fresh and and on the top of the first layer. The soap soft a coating of a mixture of a liquid paste duced by dissolving for instance 1 part by this coating applied, applying thereafter a

mixed with the water, which is then heated. 3. A method for the manufacture of After the second mixture has been applied Dutch tiles or slabs having a lustrous sur-55 to the slab it is left to dry during a period face, comprising applying to slabs made of 110 and soft a coating of a mixture of paste of Dutch tiles or slabs having a lustrous surlime and pulverized marble, applying there-face, comprising applying to a slab made of after a coating of a mixture of milk of lime asbestos cement when it is still fresh and soda, leaving the coating to dry, and smooth- of lime and pulverized marble, applying ing the surface of the slab thus treated by thereafter a coating of a mixture of milk

asbestos-cement when they are still fresh treated. and soft a coating of a mixture of a liquid 6. An asbestos-cement slab having a surpaste of lime and pulverized marble, smooth-15 ing the coating applied, applying thereafter a coating of a mixture of milk of lime and a soap solution without an excess of soda, leaving the coating to dry, and smoothing the surface of the slab thus treated by means 20 of a hot, almost red hot, iron.

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asbestos-cement when they are still fresh 5. A method for the manufacture of 5 and a soap solution without an excess of soft a coating of a mixture of a liquid paste 25 means of a hot, almost red hot, iron. of lime and a soap solution without an excess 4. A method for the manufacture of of soda, adding colouring matter to at least 10 Dutch tiles or slabs having a lustrous sur- one of said mixtures for obtaining pattern 30 face, comprising applying to slabs made of effects, and smoothing the surface thus

face of milk of lime and comminuted marble.

7. An asbestos-cement slab having a hard- 35 ened covering of calcium hydrate and comminuted marble and a lustrous finishing coat of soap and calcium hydrate.

In testimony whereof I affix my signature. GIOVANNI MADDALENA.

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