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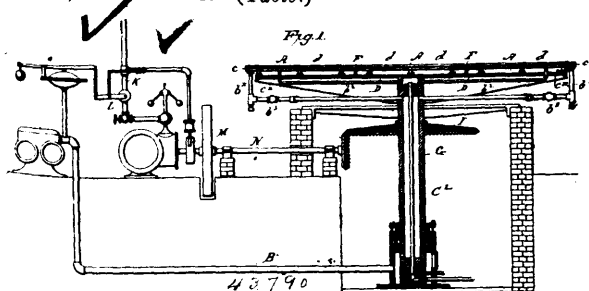
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INVENTIONS PATENTED.

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No. 43,790. Table. (Table.)



George Augustus Marsh, Sandusky, Ohio, U.S.A., 1st August, 1893; 6 years.

Claim.—1st. A section for a glass holding table, made up of upper and lower portions having an intervening plate, the parts being connected with each other and provided with passages which connect with liquid supply pipes and air exhaust pipes, substantially as shown and for the purpose set forth. 2nd. A section adapted to form a part of a glass holding table, having registering inner projecting walls, a dividing plate and packing therefor, and means for connecting the parts of each section to each other and to a support, substantially as shown and for the purpose set forth. 3rd. In an apparatus for grinding, polishing and smoothing glass, the combination of a table top and mechanism for holding the glass thereon by atmospheric pressure, a liquid supply pipe leading to the table top and adapted to convey liquid thereto, for the purpose set forth, the eduction openings of the sections having spring actuated valves for permitting a circulation of water in the glass holding table when forced therein beyond a predetermined pressure, for the purpose set forth. 4th. A section for a glass holding table made up of upper and lower portions having an intervening plate, the parts being connected to each other and provided with passages which connect with liquid supply pipes and air exhaust pipes, the exterior of the upper part having raised supports, substantially as shown. 5th. A glass holding table, having a top made up of a plurality of sections, which are composed of upper and lower portions divided horizontally into chambers, the upper chamber having induction and eduction openings, the lower chamber having an opening connected with air exhaust mechanism, and means for connecting the parts of the sections to each other and to a support, substantially as shown and for the purpose set forth. 6th. A glass holding table made up of a series of hollow sections supported so that the upper surface thereof will be on the same plane, each section having

marginal walls with a water channel and intermediate projecting portions with spaces between them, and an air exhaust opening common to each section, substantially as shown and for the purpose set forth. 7th. In a glass holding table, the combination of a hollow shaft, the lower end thereof being apertured and enclosed in a suitable chamber to which an air exhaust pipe is connected, a liquid supply pipe located within the hollow standard and connected with the liquid supply, substantially as shown and for the purpose set forth. 8th. In a glass grinding and polishing table, the combination of a support maintaining a top in position, said top being divided horizontally into air and liquid chambers, pipes connecting said chambers with a shaft, and pipes leading from the shaft, for the purpose set forth. 9th. A glass grinding and polishing table, having a chamber adjacent to its upper surface, said chamber being connected with a heating or cooling source, whereby the glass placed on the table can be cooled or heated, substantially as set forth. 10th. A glass grinding or polishing table having a chamber said chamber being connected with a heat supply. 11th. In combination with a table for grinding or polishing glass, having on its surface a series of cells connected with a vacuum chamber, a chamber beneath the upper surface of the table, said chamber being adapted to receive a cooling medium, for the purpose set forth. 12th. In a grinding or polishing table for plate glass, the combination of a table having the surface made up of vacuum cells, each cell being connected directly with an air chamber beneath the vacuum cells, and a chamber for the circulation of a cooling medium between the air chamber and vacuum cells, substantially as set forth. 13th. In a glass grinding or polishing table having a top with a multiplicity of independent cells, each connected with an air exhaust mechanism, so as to retain the glass thereon, by a vacuum or atmospheric pressure, a compartment formed in the table and adapted to receive a cooling medium, for the purpose set forth. 14th. In a table for holding plate glass for the purpose set forth, a top having a raised circumferential wall and a multiplicity of air chambers or cells each having marginal walls, an air chamber communicating with the top, and a cooling chamber interposed between the air chamber and the top of the table, substantially as shown. 15th. In a glass holding table, a top having a raised circumferential wall so as to provide water channels, raised supports disposed over the top of the table, the cells or vacuum chambers so formed being connected to a chamber by hollow supports or stays, and an interposed chamber for the reception of a circulating liquid cooling or heating medium, located between the air and vacuum cells, said medium being adapted to absorb or apply heat to the table and glass, for the purpose set forth. 16th. A hollow glass holding table having a multiplicity of apertures in close proximity to each other, channels surrounding said apertures, a liquid supply connecting with said channels, and an air exhaust pipe connecting with the air chamber in the table, the same being adapted to be used with a suitable packing for retaining a plate or plates of glass thereon when the air is exhausted from the table, substantially as set forth. 17th. In combination with the hollow glass supporting table, for the purpose set forth, a series of apertures or perforations in substantially close proximity to each other, channels surrounding each of said apertures, so as to provide a multiplicity of vacuum cells, a reticulated packing adapted to cover the liquid channels, and means for exhausting the air from the cells, substantially as set forth. 18th. In a glass supporting table, a chamber and apertured upper plate having a series of channels surrounding each aperture, an exhaust pipe connected with the chamber, and a water supply pipe leading into the channels, substantially as shown, and for the purpose set forth. 19th. A glass holding table made up of a series of hollow sections supported so that the upper surface thereof will be on the same plane, each section having a multiplicity of apertures, air exhaust mechanism for forming vacuum cells, a support or supports surrounding each aperture or vacuum cell, an exhaust pipe