

Samuel Michael Schenkein

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Detail

Source

Inventor	Samuel Michael Schenkein
Residence Place	None, United States of America
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Patent Description	Improvements in and relating to Gem Polishing Machines.
Applicant	LEHMANN OTTO PAUL RICHARD, SCHENKEIN SAMUEL MICHAEL

Others Listed (Inventor)

[Otto Paul Richard Lehmann](#)

Samuel Michael Schenkein

Abstract

12,058. Schenkein, S. M., and Lehmann, O. P. R. May 15. Gems, treating. - A machine for polishing bruted diamonds comprises a lap T on a quickly rotating shaft 17, and a table 26 mounted eccentrically to the shaft 17 and rotated slowly by a pinion 29 engaging an internal rack 27 on the table, the pinion being driven through screw gearing 36 from the shaft 17. When it is required to stop the motion of the table, the pinion may be drawn out of gear with the rack by means of a handle 35. A number of hollow standards 60 on the table 26 carry vertically adjustable posts 74, upon each of which is pivoted at 85 a hollow arm 86; at the end of each arm is a clamp 92 carrying a circumferentially adjustable spindle, at the lower end of which is an arcuate guide 97 on which is mounted the dop. The dop is adjusted in the guide to determine the angle of a facet, and is also adjustable about its own axis to present various facets to the lap. The weight of the dop acting at the end of the ...

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