

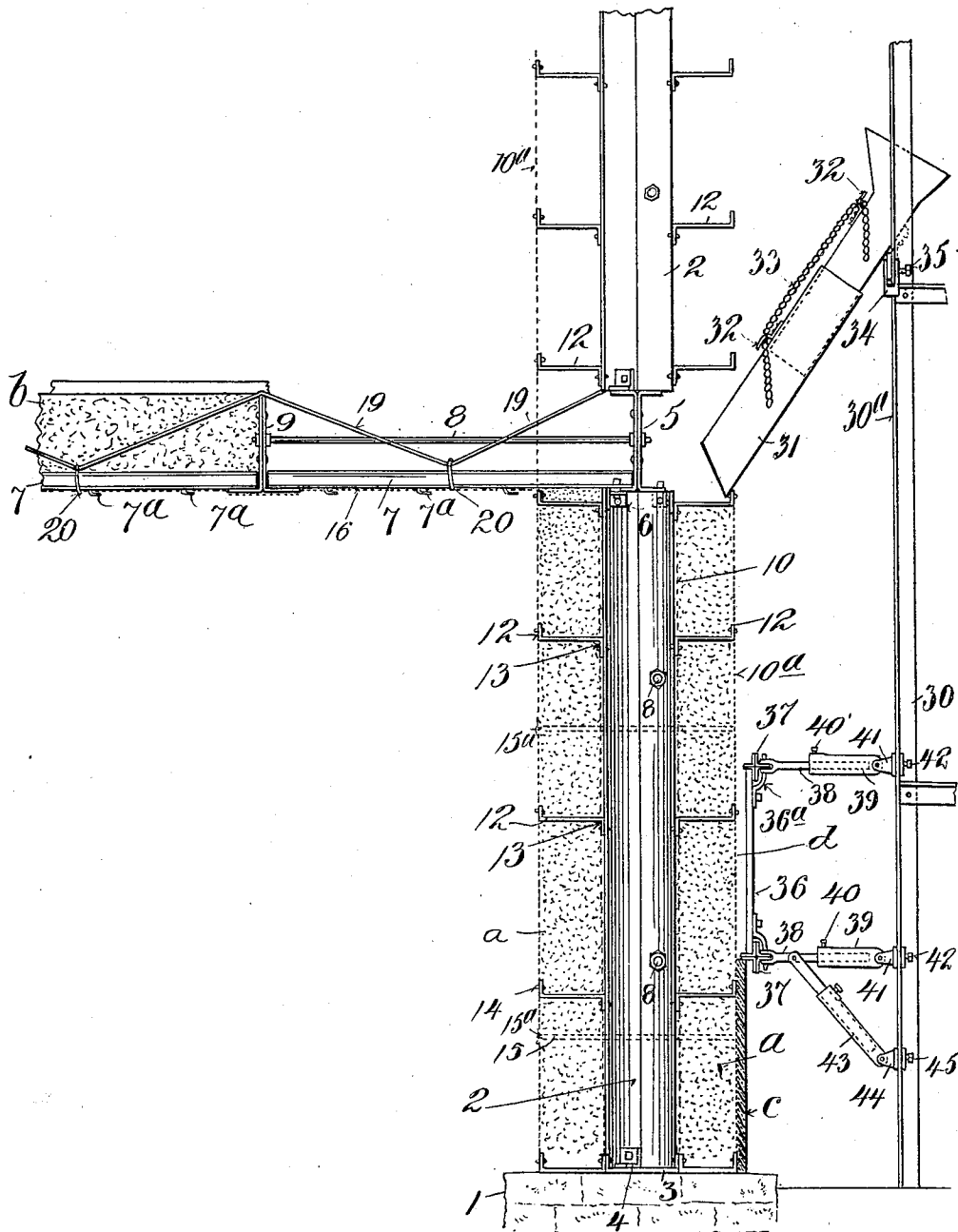
E. SOBEL, W. GOLD & J. STRETCH.

MONOLITHIC CONSTRUCTION.

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969,212.

Patented Sept. 6, 1910.



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UNITED STATES PATENT OFFICE.

ELI SOBEL, OF NEW YORK, WILLIAM GOLD, OF WOODHAVEN, AND JOSEPH STRETCH,
OF FREEPORT, NEW YORK.

MONOLITHIC CONSTRUCTION.

969,212.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, ELI SOBEL, a resident of New York city, borough of Manhattan, New York, WILLIAM GOLD, a resident of Woodhaven, Queens county, New York, and JOSEPH STRETCH, a resident of Freeport, Nassau county, New York, have invented certain new and useful Improvements in Monolithic Constructions, of which the following is a specification.

The object of our invention is to finish or smooth the walls in buildings and the like, of the monolithic type, in a cheap and effective manner.

Our invention comprises the novel details of improvement and combinations of parts that will be more fully hereinafter set forth and then pointed out in the claims.

Reference is to be had to the accompanying drawing forming part hereof, which is a detail view illustrating our improvements.

Our improvements relate to covering a concrete wall, particularly the outer wall of the building, with a finishing layer *c*, of a fine concrete mixture, united to the concrete *a* and the outer netting 10^a, through the openings in the latter, which layer *c* is applied before the concrete *a* is thoroughly dried, so as to unite with the latter in monolithic form. To permit the ready application of such finishing layer *c* and also to permit ready application of the concrete to the various parts of the building as the work progresses, it is found desirable to erect a suitable scaffolding around the building. Such scaffolding is indicated generally at 30, and is shown erected at a suitable distance from the line of the outer wall, whereby the concrete for the wall may be elevated as required, and poured, as through a suitable chute 31 movably carried by the scaffolding.

The mold plate 36 is adjustably carried by the scaffolding, which mold plate or plates are of any suitable dimensions adapted to be supported at a suitable distance from the outer wall. The plate 36 is shown supported and held by suitably shaped irons 37 which are secured to rods 38, that are adjustably carried by socket members 39, into which the rods 38 may be slid and held in place by set screws 40. Plate 36 is shown provided with clips 36^a adapted to bear against the irons 37, whereby the mold plate 36 may be readily applied and removed. The members 39 are shown pivotally con-

nected with clamps 41 that are adjustably supported upon studding 30^a and held by screws 42. An adjustable or telescopic brace 43 may be adjusted with respect to parts 38 and 39 and is pivotally connected with the adjacent rod 38 and with a clamp 44 adjustably held upon studding 30^a, as by screw 45. The arrangement is such that the mold plates 36 may be adjusted upwardly along the wall and held in place upon the scaffolding in the required position, and may likewise be adjusted toward and from the concrete wall as required to provide a space *d* of suitable width.

This invention is not limited to the particular forms, locations and relative arrangements of parts set forth, as the same may be varied within the scope of the appended claims without departing from the spirit of the invention.

Having now described our invention what we claim is:—

1. The combination of a scaffold, a mold plate, telescopic brackets one above the other adjustably connected with the mold plate and with the scaffold, and telescopic braces pivotally connected with the lower brackets and adjustably connected with the scaffold.

2. The combination of a scaffold, a mold plate, brackets one above the other adjustably connected with the scaffold, horizontally disposed irons one above the other connected with the brackets, means on the upper and lower parts of the mold plate to engage said irons, and telescopic braces movably connected with the brackets and adjustably connected with the scaffold.

3. A scaffold supported independently of and adjacent to a structure, a mold plate having downwardly and upwardly projecting clips, brackets adjustably connected with said scaffold, and horizontal angle irons connected with the brackets, the mold plate being received between horizontal parts of said irons and said clips engaging vertical parts of said irons.

Signed at New York city, in the county of New York, and State of New York, this 23rd day of December, A. D. 1908.

ELI SOBEL.

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Witnesses:

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