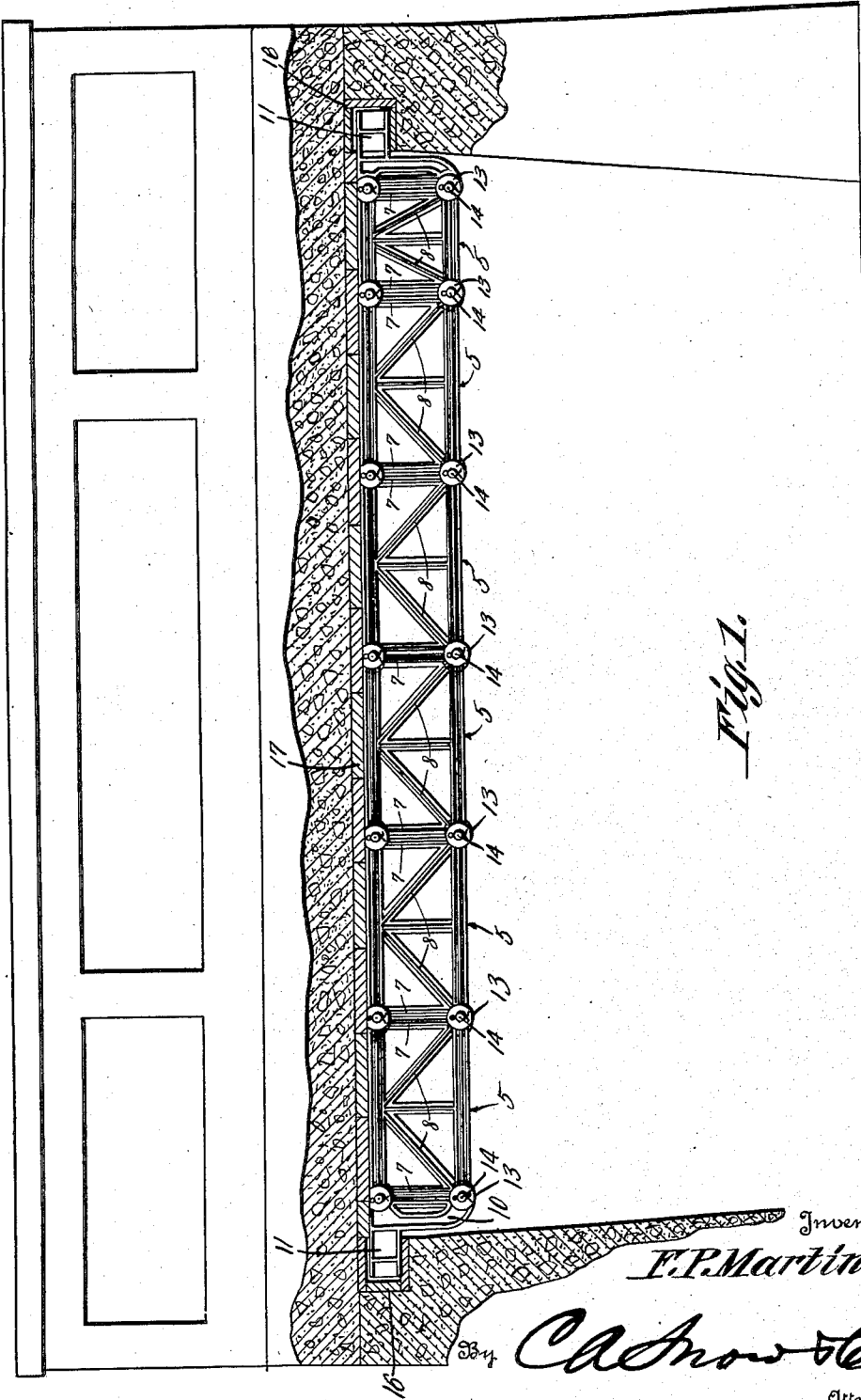


Mar. 20, 1923.

1,448,854.

F. P. MARTIN.
BRIDGE FORM.
FILED NOV. 2, 1921.

3 SHEETS—SHEET 1.



Inventor,
F. P. Martin.

C. A. Snow & Co.

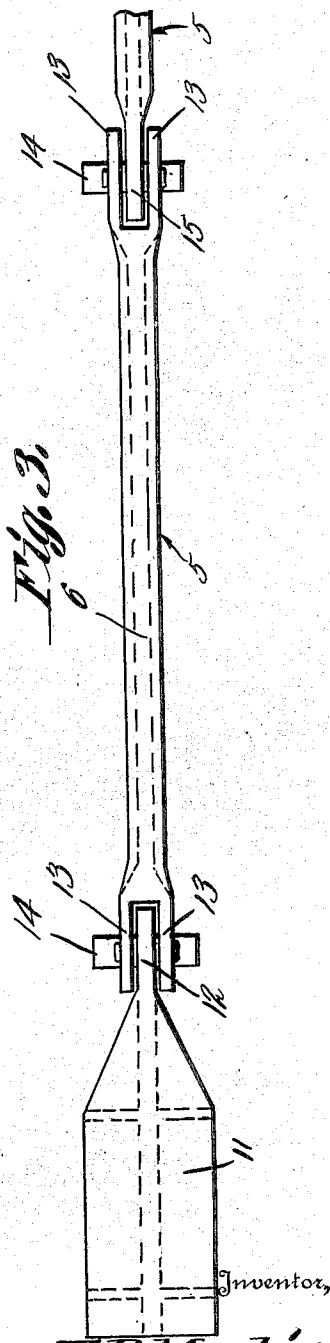
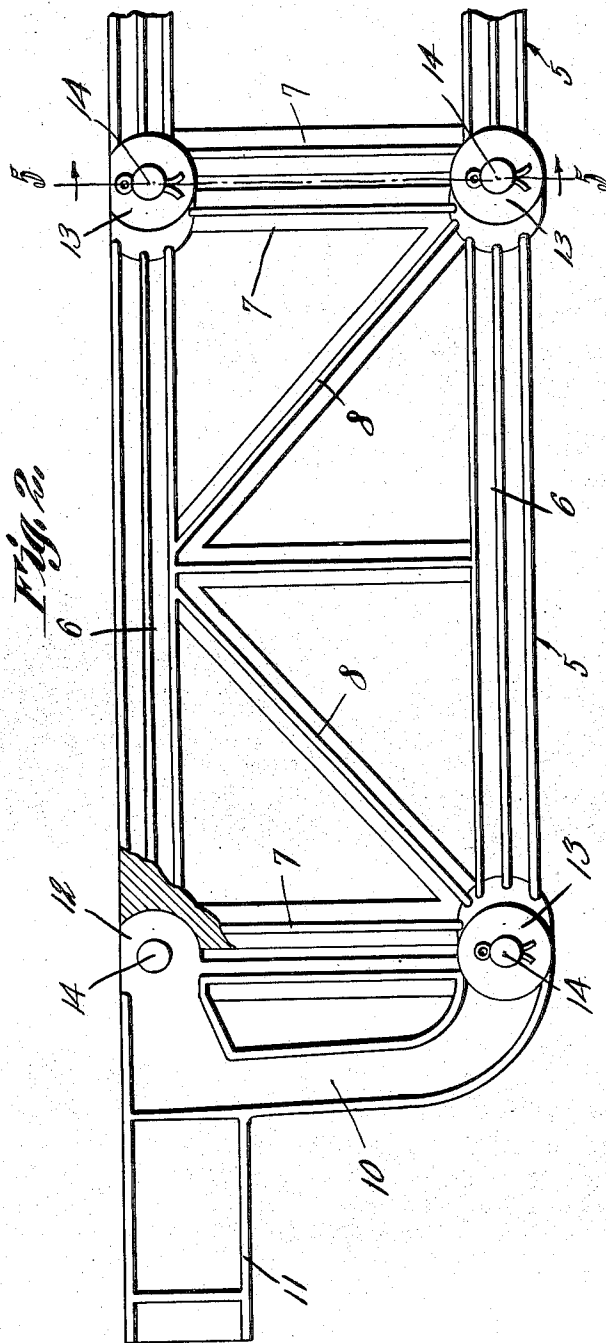
Attorneys.

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3 SHEETS—SHEET 2.



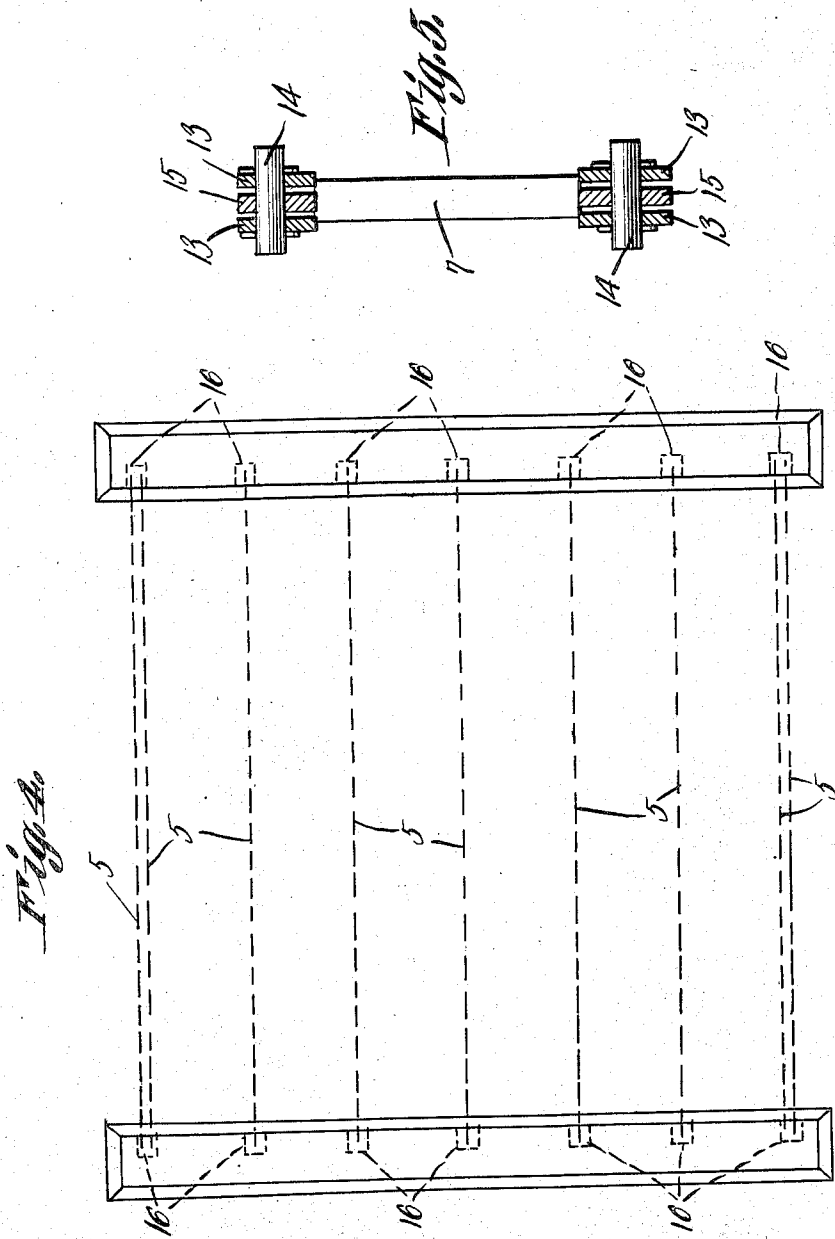
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3 SHEETS—SHEET 3.



Inventor,
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UNITED STATES PATENT OFFICE.

FRED P. MARTIN, OF OTTAWA, KANSAS.

BRIDGE FORM.

Application filed November 2, 1921. Serial No. 512,276.

To all whom it may concern:

Be it known that I, FRED P. MARTIN, a citizen of the United States, residing at Ottawa, in the county of Franklin and State of Kansas, have invented a new and useful Bridge Form, of which the following is a specification.

This invention relates to concrete form supports, and more particularly to concrete form supports of the adjustable type, the primary object of the invention being to provide sections adapted to be interlocked at their ends for securing the same together.

A further object of the invention is to provide a support of this character including end sections of a novel construction to insure the support being supported in true horizontal positions.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawings:—

Figure 1 is an elevational view of a concrete structure, the same being partly broken away to illustrate the form supports.

Figure 2 is an enlarged fragmental detail view disclosing one of the end sections of the form support and one of the multiple interlocking sections.

Figure 3 is a plan view of the structure shown by Figure 2.

Figure 4 is a diagrammatic view disclosing the abutments that accommodate the ends of the form supports.

Figure 5 is a sectional view taken on line 5—5 of Figure 2.

Referring to the drawings in detail, the support embodies a plurality of sections indicated generally by the reference character 5, each section embodying horizontal and parallel upper and lower bars 6, and vertical and parallel end bars 7. Angularly disposed bars 8 brace the respective sections, the same extending from points adjacent to the lower corners of the sections and having connection with one of the upper bars intermediate the ends thereof.

The end sections embody a main portion 10, a right angled support 11 and apertured

ears 12, the support 11 having a relatively wide surface to insure against tilting of the support proper, when concrete or other plastic material is positioned on the upper surface thereof.

Each of the alternate sections of the support embodies pairs of spaced ears 13 disposed at the ends thereof and between which the ends 12 and 15 of adjacent sections are positioned, there being provided suitable securing bolts 14 passing through the openings of the ears for securing the sections together.

In the use of the device, suitable box members indicated at 16 are provided, the same being embedded in the concrete walls associated with the flooring to be formed, which box-like structures are designed to receive the right angled supports 11 of the end sections.

When the sections of the form supports are properly positioned, suitable floor boards indicated at 17 are positioned thereover, which boards accommodate the plastic material and provide a temporary support for the plastic material. It might be further stated that the sections 5 may be of various lengths so that substantially any length desired may be had by connecting the proper sections.

After the plastic material has set, the form supports may be removed by removing the bolts 14 and disconnecting the sections.

Having thus described the invention, what is claimed as new is:—

1. A form support for concrete building structures, said support comprising a plurality of interlocked sections, said sections being of various lengths, end sections, each of said end sections including a relatively wide support.

2. In a device of the character described, a plurality of sections, box members, end sections having supporting members, said supporting members adapted to be positioned in the box members, and said sections adapted to support boards to accommodate a plastic material.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

FRED P. MARTIN.

Witnesses:

C. E. TERRY,
LOIS JOHNSON.