

S. ROSENBERG.

CHAIN LINK.

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1,069,581.

Patented Aug. 5, 1913.

Fig. 1.

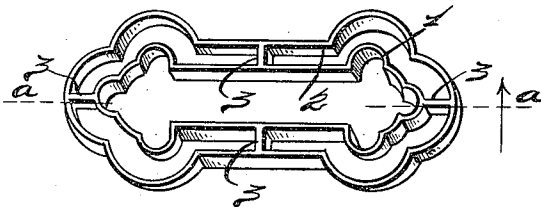
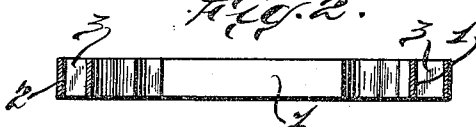


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

SAMUEL ROSENBERG, OF NEW YORK, N. Y., ASSIGNOR TO NATIONAL CHAIN COMPANY,
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CHAIN-LINK.

1,069,581.

Specification of Letters Patent.

Patented Aug. 5, 1913.

Application filed April 29, 1913. Serial No. 764,303.

To all whom it may concern:

Be it known that I, SAMUEL ROSENBERG, a subject of the Czar of Russia, residing at New York city, borough of the Bronx, county and State of New York, have invented certain new and useful Improvements in Chain-Links, of which the following is a full, clear, and exact description.

My invention relates to improvements in chain links, more particularly to that class of links used to form heavy metallic chains employed for the suspension of chandeliers or other fixtures, the object of my invention being to provide what I term a duplex link, adapted for the purpose mentioned, of comparatively large size, but light in weight, the complete link being formed of flat metal strips bent into suitably shaped loops spaced apart and having bars or connecting pieces to maintain the loops in spaced relationship. By forming the loops according to my invention, I can obtain an ornate chain in endless variety of designs without casting and with a minimum amount of loss of metal in the process of manufacturing. Heretofore, so far as I am aware, these large suspension chains were usually formed of connected unitary solid metallic links, or of stamped metal loops having the desired contour, but in the process of manufacturing the same, considerable metal was lost, which enhanced the cost of manufacture, as these chains, for the purposes mentioned, are usually made of the more expensive metals, such as brass, bronze, or the like.

I will now proceed to describe my invention in detail, reference being had to the accompanying drawing, forming part of this specification, wherein:—

Figure 1 is a perspective view of a chain link constructed in accordance with my invention; and Fig. 2 is a cross section thereof on a line *a— a* Fig. 1.

In the accompanying drawing 1 indicates an inner loop of suitable outline or design, the said loop being formed of a flat strip of

metal, such as brass, bent into the desired outline or contour. Surrounding the loop 1 but spaced apart therefrom and having an outline or contour corresponding substantially to the contour or outline of the loop 1, is a loop 2, the loops 1 and 2 being maintained in spaced relationship by connecting or spacing bars 3, the loop 2 also being formed out of a strip of flat metal. The spacing bars 3 are preferably located at each end of the loops and at each side thereof, such bars being secured to the loops in suitable manner, by soldering, brazing, or otherwise. The number and location of such spacing bars is not necessarily material, as I may change both the number and location thereof to suit requirements.

It will of course, be apparent that the particular design of duplex link which I have shown in the drawing is simply an illustrative embodiment of my invention, and that my improved chain link may be made in a great variety of designs without departing from the nature and scope of my invention.

Having now described my invention in detail, what I claim and desire to secure by Letters Patent is:

1. A chain-link of the character described, comprising an inner loop and an outer loop spaced apart, said loops being of flat metal of suitable contour, and spacing bars connecting the ends of the loops and the sides thereof.

2. A chain-link of the character described, comprising a plurality of loops spaced apart, said loops being of suitable contour, and a plurality of spacing-bars connecting and maintaining the loops in spaced relationship.

Signed at New York city, N. Y., this 26th day of April, 1913.

SAMUEL ROSENBERG.

Witnesses:

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