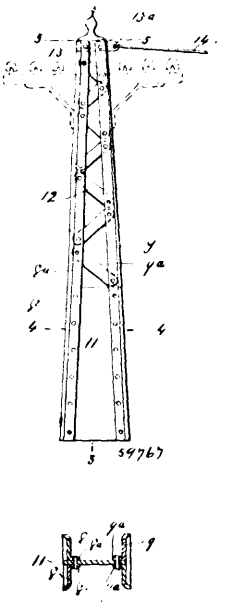
described, having a circumferential or annular ridge or flange surrounding the body of the tip at its top portion and carrying an eye or loop, substantially as and for the purpose set forth. 7th. An improved tip for umbrella covers of the class described, having a laterally projecting eye or loop arranged with relation to a ridge or projection extending from the body of the tip at its top portion, substantially as and for the purpose set forth. 8th. In an umbrella or parasol of the class described, the combination of a tip having an annular or circumferential ridge or flange surrounding said tip at the top portion, the cover having its edge set around the edge of and extending beneath or below said circumferential ridge, and a securing thread engaging with the cover and encircling the body of the tip beneath said circumferential ridge or flange and retained by the latter in position at all points of the circumference of the tip, substantially as and for the purpose set forth. 9th. In an umbrella or parasol of the class described, the combination of a tip having an annular or circumferential ridge or flange surrounding the body of said tip at the top portion, said tip having an eye or loop projection with relation to the circumferential ridge or flange, a cover set around said ridge or flange and extending beneath or below the same, and a securing thread engaging the cover and encircling the body of the tip beneath the circumferential ridge or flange and retained by the same in position at all points of the circumference of the body, said thread being passed through the projecting eye or loop, substantially as and for the purpose set forth. 10th. In an umbrella or parasol of the class described, the combination, with the frame rib, of a tubular tip adopted to receive the same and having an annular or circumferential ridge or flange surrounding the body of the tip at the top portion, said tip being provided with an arm or extension projecting above said circumferential ridge or flange and adapted to embrace the edge of the rib, the cover passed around said ridge or flange and extending beneath or below the same, and a securing thread engaging the cover and encircling the body of the tip beneath the continuous under side or edge of the circumferential ridge or flange, substantially as and for the purpose set forth. 11th. An improved tip for umbrella covers of the class described, comprising a tubular body having an annular or circumferential ridge of flange surrounding said body at the top portion, and provided with an extension or arm projecting above said circumferential ridge or flange and arranged in approximately the longitudinal plane of the trip, substantially as and for the purpose set forth. 12th. An improved tip for umbrella covers of the class described, having a seat extending continuously with respect to the circumference of the body of the tip, against which seat the securing thread is adapted to bear at all points of the circumference of the tip, substantially as and for the purpose set forth. 13th. In an umbrella or parasol of the class described, the combination of a tip having a ridge or flange at its circumference, the cover passing over said ridge or flange and extending under or beneath the same, and the securing thread connected with the cover on a plane just beneath said ridge or flange and encircling the body of the tip whereby the cover is bound securely against and with respect to the under side or edge of said ridge or flange and the thread is adapted to offer resistance in the directions of the greatest strain in the drawing operations of the cover, substantially as and for the purpose set forth. 14th. As an improved article of manufacture, a tip for umbrella covers of the class described, comprising a body portion, and a ring conforming to and secured upon the circumference of said body, and forming an annular ridge or flange surrounding the same, substantially as and for the purpose set forth. 15th. As an improved article of manufacture, a tip for umbrella covers of the class described, comprising a body portion and a ring bent into shape with its terminal end forming an eye or loop projecting with relation to the body of said ring, said ring conforming to and being secured upon the body of the tip so that it forms an annular ridge or flange surrounding the same, substantially as and for the purpose set forth. 16th. As an improved article of manufacture, a tip for umbrella covers of the class described, having a tubular body bent up from sheet metal, and a ring encircling said body and secured to the same and forming a circumferential ridge or flange thereon, substantially as and for the purpose set forth. 17th. As an improved article of manufacture, a tip for umbrella covers of the class described, comprising a tubular body bent up from sheet metal and having a ball or knob inserted upon and secured to the end of said bent up body and binding the same, substantially as and for the purpose set forth. 18th. As an improved article of manufacture, a tip for umbrella covers of the class described, comprising a tubular conical or tapering body bent up from sheet metal with an open end or point and having an open ball or knob inserted upon said end or point and secured thereon, substantially as and for the purpose set forth. 19th. As an improved article of manufacture, a tip for umbrella covers of the class described, comprising a tubular conical or tapering body bent up from sheet metal, and a ring swedged or secured upon said conical body at its larger diameter and encircling the same, substantially as and for the purpose set forth. 20th. As an improved article of manufacture, a tip for umbrella covers of the class described, comprising a tubular body bent up from sheet metal and having its ends respectively bound by a ring secured to and encircling the body and an open ball or knob secured upon the end of said body, substantially as and for the purpose set forth. 21st. In an improved umbrella or parasol of the class described, the combination, with the ribs and the detachable cover carried upon the said ferrule, of tips comprising a tubular body receiving the ends or the ribs and having an annular or circumferential ridge or flange surrounding said body at the top portion, around the edge of which circumferential ridge or flange the edge of the cover is placed, and securing threads attached to the edge of the cover and encircling the body of the tip beneath the continuous under side or edge of said circumferential ridge or flange, substantially as and for the purpose set forth.

No. 59,767. Column. (*Colonne.*)



The Dominion Bridge Company, Lachine, assignee of Phelps Johnson, Montreal, both in Quebec, Canada, 26th April, 1898; 6 years. (Filed 19th August, 1896.)

Claim.—1st. A uniformly tapered metallic column composed of a tapered central web section, and a number of tapered lengths of angle iron or outside corner sections each corner section having two side portions, one of which is of the same width throughout its entire length and secured to the web section, and the other of tapering width and projecting at right angles to the web section, for the purposes set forth. 2nd. A uniformly tapered metallic column composed of a tapered central web section, and a number of tapered lengths of angle iron or outside corner sections, each corner section having two side portions one of which is of the same width throughout its entire length and secured to the web section and the other of tapering width and projecting at right angles to the web section, with single reinforcing plates extending over the outside surfaces of the tapered side portions of two adjacent corner sections and secured to such sections, for the purpose set forth. 3rd. A uniformly tapered metallic column composed of a tapered central web section, and a number of tapered lengths of angle iron or outside corner sections each corner section having two side portions, one of which is of the same width throughout its entire length and secured to the web section, and the other of tapered width and projecting at right angles to the web section with one or more cross arms secured rigidly between said lengths of angle iron and projecting laterally of the column, for the purpose set forth. 4th. A metallic column tapering on all sides and composed of a tapered central web-section, and four tapered lengths of angle-iron disposed to form four outside corner-sections of a quadrangular structure, and each corner-section having two side portions, one of which is of the same width throughout its entire length and secured to the web section, and the other of tapering width and projecting at right angles to the web-section, for the purpose set forth. 5th. A metallic column tapering on all sides and composed of a tapered central web-section, and four tapered lengths of angle-iron disposed to form four outside corner-sections, of a quadrangular structure and each corner-section having two side portions one of which is of the same width throughout its entire length and secured to the web-section and the other of tapering width and projecting at right angles to the web-section, with single reinforcing-plates extending over the outside surfaces of the tapered side portions of two adjacent corner-sections and secured to such sections, for the purpose set forth. 6th. A metallic column tapering on all sides and composed of a tapered central web-section, and four tapered lengths of angle-iron disposed to form four outside corner-sections of a quadrangular structure and each corner-section having two side portions, one of which is of the same width throughout its entire length and secured to the web section, and the other of tapered width and projecting at right angles to the web-section with one or more cross-arms secured rigidly between said length of angle iron and project-