CLAIMS

1. A lightning protection facility comprising:

a pole erected on a structure or on the ground;

a plurality of needle-like conductive objects disposed on a tip of the pole and extending radially therefrom; ~~and~~

a reinforcement member disposed to cross two or more of the plurality of needle-like conductive objects and fixed to the needle-like conductive objects; and

a cylindrical-shaped tube through which base ends of the plurality of needle-like conductive objects are inserted

the base ends of the plurality of needle-like conductive objects being joined to the tip of the pole,

the cylindrical-shaped tube covering a joint portion between the base ends of the plurality of needle-like conductive objects and the tip of the pole and having a tapered top end portion with an increasing diameter toward a top end of the cylindrical-shaped tube.

2. The lightning protection facility of Claim 1, further comprising fasteners crimped to be fixed to the needle-like conductive objects and the reinforcement member for securing the needle-like conductive objects and the reinforcement member to each other.

3. The lightning protection facility of Claim 1 or Claim 2, wherein the pole and the plurality of needle-like conductive objects are joined to each other by thermite

welding.

4. The lightning protection facility of Claim 1 or Claim 2, wherein the plurality of needle-like conductive objects are coated with a resin, with top ends of the plurality of needle-like conductive objects exposed therefrom.

5. The lightning protection facility of Claim 3, wherein the plurality of needle-like conductive objects are coated with a resin, with top ends of the plurality of

needle-like conductive objects exposed therefrom.