CLAIMS

1. A valuable metal recovering method, comprising:

performing electrolytic recovery by rotating a cylindrical cathode in an electrolytic bath including an anode and the cylindrical cathode and housing a liquid containing a valuable metal, wherein the cylindrical cathode comprises multiple through-holes in a circumferential sidewall thereof; and

depositing the valuable metal on a surface of the cylindrical cathode.

2. The valuable metal recovering method according to claim 1,

wherein the valuable metal is gold, and the liquid containing the valuable metal is a gold-containing cyanogen solution.

3. The valuable metal recovering method according to claim 1 or 2,

wherein rotation speed of the cylindrical cathode is from 50 rpm to 100 rpm.

4. An electrolytic recovery unit configured to electrolytically recover a valuable metal from a liquid containing the valuable metal, comprising:

a tubular cathode; and

an actuating unit configured to rotate the tubular cathode,

wherein the tubular cathode comprises multiple through-holes in a rotation-direction circumferential sidewall thereof.

5. The electrolytic recovery unit according to claim 4,

wherein the tubular cathode is cylindrical and comprises multiple through-holes in the circumferential sidewall in a circumferential direction.

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wherein the valuable metal is gold, and the liquid containing the valuable metal is a gold-containing cyanogen solution.

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wherein rotation speed of the cylindrical cathode is from 50 rpm to 100 rpm.

4. An electrolytic recovery unit configured to electrolytically recover a valuable metal from a liquid containing the valuable metal, comprising:

a tubular cathode; and

an actuating unit configured to rotate the tubular cathode,

wherein the tubular cathode comprises multiple through-holes in a rotation-direction circumferential sidewall thereof.

5. The electrolytic recovery unit according to claim 4,

wherein the tubular cathode is cylindrical and comprises multiple through-holes in the circumferential sidewall in a circumferential direction.