CLAIMS

1. Anionic bi-coordinated silver (I) complex, having antimicrobial activity and the general formula:

$$[Ag^{+}(L^{2-})_2]^{3-}$$

wherein L^{2-} is a ligand selected from the group consisting of: bivalent anionic form of 2-mercapto-4-methyl-5-thiazoleacetic acid; 3-mercapto-1-propansulfonate; 2-mercapto-5-benzimidazole sulfonate; and thiosalicylate.

2. Sodium salt of the anionic bi-coordinated silver (I) complex according to claim 1, having antimicrobial activity and the general formula:

$$Na^{+}_3[Ag^{+}(L^{2-})_2]^{3-}$$

3. Aqueous solution of the sodium salt according to claim 2, having antimicrobial activity.
4. Hyaluronic acid composition containing the bi-coordinated silver (I) complex according to claim 1, for use as medicament having antimicrobial activity.
5. Hyaluronic acid composition containing the sodium salt according to claim 2, for use as medicament having antimicrobial activity.
6. Hyaluronic acid composition according to claim 4 or 5, further containing sodium ascorbyl phosphate.
7. Hyaluronic acid composition according to any one of claims 4 to 6, for use as a liquid bandage.
8. Hyaluronic acid composition according to any one of claims 4 to 7, wherein said hyaluronic acid is in the form of sodium hyaluronate.
9. Hyaluronic acid composition according to claim 8, wherein the percentage content of said sodium hyaluronate is comprised between 0.8-1.4%.
10. Salt of the anionic bi-coordinated silver (I) complex according to claim 1, having antimicrobial activity and the general formula:

$$(W^{+})_3[Ag^{+}(L^{2-})_2]_n$$

wherein:

- W^{+} is a cationic surface-active agent, selected from the group consisting of octenidine, chlorhexidine, benzalkonium and didecyldimethylammonium;
- n is 2 when W^{+} is octenidine or chlorhexidine;
- n is 1 when W^{+} is benzalkonium or didecyldimethylammonium.

11. Alcoholic solution of the salt according to claim 10, having antimicrobial activity.

12. Alcoholic solution according to claim 11, wherein said alcohol is selected from the group consisting of methanol, ethanol, n-propanol, 2-propanol and 3-methoxy-3-methyl-1-butanol.
13. Dimethyl sulfoxide solution of the salt according to claim 10, having antimicrobial activity.
14. Antimicrobial solution for coating a solid surface, containing the salt according to claim 10, or the alcoholic solution according to claim 11 or 12, or the dimethyl sulfoxide solution according to claim 13.
15. Powder made of silica particles, wherein the salt according to claim 11, or the alcoholic solution according to claim 11 or 12, or the dimethyl sulfoxide solution according to claim 13 are adsorbed onto said particles, for use in an antimicrobial topical treatment.
16. Use of the hyaluronic acid composition containing the bi-coordinated silver (I) complex according to claim 1 or 2 in the manufacture of a medicament for antimicrobial activity.
17. Use according to claim 16, wherein said hyaluronic acid composition further comprises sodium ascorbyl phosphate.
18. Use according to claim 16 or 17, wherein said hyaluronic acid composition is to be used as a liquid bandage.
19. Use of a powder made of silica particles, wherein the salt according to claim 11, or the alcoholic solution according to claim 11 or 12, or the dimethyl sulfoxide solution according to claim 13 are adsorbed onto said particles, in the manufacture of a medicament for antimicrobial topical treatment.