CLAIMS

1. A Ni-based corrosion-resistant alloy powder for additive manufacturing, characterized in consisting of a Ni-based alloy having a composition in mass% comprising:

14.5 to 24.0% of Cr;

12.0 to 23.0% of Mo;

0.01 to 7.00% of Fe;

0.001 to 2.500% of Co;

0.0001 to 0.0050% of Mg;

0.001 to 0.040% of N;

0.005 to 0.50% of Mn;

0.001 to 0.200% of Si;

0.01 to 0.50% of Al;

0.001 to 0.500% of Ti;

0.001 to 0.250% of Cu;

0.001 to 0.300% of V;

0.0001 to 0.0050% of B;

0.0001 to 0.0100% of Zr; and

0.0010 to 0.0300% of O, and the balance of Ni with inevitable impurities, wherein the inevitable impurities comprises: less than 0.05% of C, less than 0.01% of S, and less than 0.01% of P.

2. The Ni-based corrosion-resistant alloy powder for additive manufacturing according to

claim 1, characterized in that the composition of the Ni-based alloy further comprises more than 1.0% to 2.5% of Ta.

3. The Ni-based corrosion-resistant alloy powder for additive manufacturing according to claim 1, characterized in that the composition of the Ni-based alloy further comprises 2.0 to 5.0% of W.

4. The Ni-based corrosion-resistant alloy powder for additive manufacturing according to any one of claims 1 to 3, characterized in that the Ni-based corrosion-resistant alloy powder for additive manufacturing has a powder particle size of 5 to 100 μm.

5. A method for producing an additive manufacturing product, characterized in comprising performing additive manufacturing by using the Ni-based corrosion-resistant alloy powder for additive manufacturing according to any one of claims 1 to 4 as a raw material powder.

6. A method for producing a member for semiconductor production devices, characterized in comprising performing additive manufacturing by using the Ni-based corrosion-resistant alloy powder for additive manufacturing according to any one of claims 1 to 4 as a raw material powder.