CLAIMS

1. A pressure sensitive adhesive sheet comprising:

a pressure sensitive adhesive layer having a first principal surface and a second principal surface;

a first release film having a first principal surface and a second principal surface, the first principal surface of the first release film being temporarily adhered to the first principal surface of the pressure sensitive adhesive layer; and

a second release film having a first principal surface and a second principal surface, the first principal surface of the second release film being temporarily adhered to the second principal surface of the pressure sensitive adhesive layer, wherein

each of the first release film and the second release film has a release layer on a first principal surface of a film substrate,

a peeling force between the first release film and the pressure sensitive adhesive layer is smaller than a peeling force between the second release film and the pressure sensitive adhesive layer, and

at least one of the first release film and the second release film has an antistatic layer disposed on and in direct contact with a second principal surface of the film substrate.

2. The pressure sensitive adhesive sheet according to claim 1, wherein the second release film has an antistatic layer disposed on and in direct contact with the second principal surface of the film substrate.

3. The pressure sensitive adhesive sheet according to claim 1, wherein each of the first release film and the second release film has an antistatic layer disposed on and in direct contact with the second principal surface of the film substrate.

4. The pressure sensitive adhesive sheet according to any one of claims 1 to 3, wherein at least one of the first release film and the second release film has a surface resistance of 1×10^8 Ω/sq or less on the second principal surface.

5. The pressure sensitive adhesive sheet according to any one of claims 1 to 4, wherein at least one of the first release film and the second release film has a dynamic friction coefficient of 0.4 or less on the second principal surface.

6. The pressure sensitive adhesive sheet according to any one of claims 1 to 5, wherein the first release film has an antistatic layer between the film substrate and the release layer.

7. The pressure sensitive adhesive sheet according to any one of claims 1 to 6, wherein the pressure sensitive adhesive layer is composed of a pressure sensitive adhesive containing an acryl-based base polymer.

8. The pressure sensitive adhesive sheet according to any one of claims 1 to 7, wherein the pressure sensitive adhesive layer is composed of a photocurable pressure sensitive adhesive composition containing a polyfunctional monomer.

9. The pressure sensitive adhesive sheet according to any one of claims 1 to 8, having a region where at least one of the first release film and the second release film protrudes outward from the outer peripheral edge of the pressure sensitive adhesive layer.

10. The pressure sensitive adhesive sheet according to claim 9, wherein at least one of the first release film and the second release film protrudes outward from the outer peripheral edge of the pressure sensitive adhesive layer over the entire outer periphery of the pressure sensitive adhesive layer.

11. The pressure sensitive adhesive sheet according to claim 9 or 10, having a region where the first release film protrudes outward from the outer peripheral edge of the second release film.

12. The pressure sensitive adhesive sheet according to any one of claims 9 to 11, wherein a notch is formed on the first principal surface of at least one of the first release film and the second release film, the notch being provided along the outer peripheral edge of the

pressure sensitive adhesive layer.

13. A piled body, wherein ten or more pieces of the pressure sensitive adhesive sheet according to any one of claims 1 to 12 are piled up.

14. The piled body according to claim 13, wherein each of the ten or more pieces of the pressure sensitive adhesive sheet has an area of 10000 cm^2 or less.