WHAT IS CLAIMED IS:

1. A transfer apparatus comprising:

a transfer belt configured to carry a toner image on a surface for transferring the toner

image onto a recording material;

a suppression mechanism configured to suppress deviation ofthe transfer belt in a width direction of the transfer belt within a predetermined range;

a pair of transfer members disposed opposite to each other by having the transfer belt therebetween, configured to form a transfer nip that transfers a toner image on the transfer belt onto a recording material, and

a pressing member provided at an upstream side in a moving direction of the transfer belt with respect to the transfer nip, configured to press an inner surface of the transfer belt,

wherein the pressing member is configured to press an area within 25 mm or less upstream toward a moving direction of the transfer belt from the transfer nip, and

wherein both ends of the pressing member are arranged to be outside than the predetermined range with respect to the width direction of the transfer belt.

2. The transfer apparatus according to claim 1, wherein the pressing member is a sheet-shape member which contacts with the transfer belt.

3. The transfer apparatus according to claim 1, wherein the pressing member is a roller configured to rotatbly contact with the transfer belt.

4. The transfer apparatus according to claim 1, further comprising:

a first sheet-shape member configured to contact with the transfer belt: and

second sheet-shape member disposed upstream side in a moving direction of the transfer belt than the first sheet-shape member, configured to contact with the transfer belt.

5. The transfer apparatus according to claim 1,

the suppression mechanism including a steering roller configured to steer the transfer belt,

wherein, during a transferring operation for transferring a toner image on the transfer belt onto a recording material, at least one end of the steering roller is swingably held so that a position in a width direction of the transfer belt to be settled within the predetermined range.

6. The transfer apparatus according to claim 5, further comprising:

a swinging mechanism configured to swing the steering roller;

a driving source configured to drive the swinging mechanism;

a detection member configured to detect the location in the width direction of the transfer belt; and

a control unit configured to control the driving source based on a detection result of the detection member.

7. The transfer apparatus according to claim 5, wherein

the steering roller comprises a non-rotary member at each of both ends of the steering roller in non-rotary manner,

the steering roller swings according to frictional force generated between the non-rotary members and the transfer belt, and

the transfer belt is settled within the predetermined range according to the swing.

8. The transfer apparatus according to claim 2, wherein the pressing member is formed with a resin material having a thickness of 0.4mm to 0.6mm.

9. The transfer apparatus according to claim 1, wherein an inner surface of the transfer belt is formed with a resin material.

10. A transfer apparatus compromising:

a transfer belt configured to carry a toner image on a surface for transferring the toner image onto a recording material;

a suppression mechanism configured to suppress deviation of the transfer belt in a width direction of the transfer belt within a predetermined range;

a pair of transfer members disposed opposite to each other by having the transfer belt therebetween, configured to form a transfer nip that transfers a toner image on the transfer belt onto a recording material;

a guide member disposed opposite to the transfer belt on an upstream side in the moving direction of the transfer belt than the transfer nip, configured to guide a recording material to the transfer nip; and

a pressing member configured to press an inner surface of the transfer belt which is disposed upstream side than the transfer nip and downstream side than the

guide member with respect to a moving direction of the transfer belt,

wherein both ends of the pressing member are arranged to be outside than the predetermined range with respect to the width direction of the transfer belt.

11. A transfer apparatus comprising:

a transfer belt configured to carry a toner image on a surface for transferring the toner image onto a recording material;

a suppression mechanism configured to suppress deviation of the transfer belt in a width direction of the transfer belt within a predetermined range;

a pair of transfer members disposed opposite to each other by having the transfer belt therebetween, configured to form a transfer nip that transfers a toner image on the transfer belt onto a recording material; and

a pressing member provided upstream side in a moving direction of the transfer belt with respect to the transfer nip, configured to press an inner surface of the transfer belt,

wherein the pressing member is configured to press an area within 25 mm or less upstream toward a moving direction of the transfer belt from the transfer nip, and

wherein the pressing member is configured to back-up both ends of the transfer belt when the transfer belt is positioned to one end ofthe predetermined range, and back-up both ends of the transfer belt when the transfer belt is positioned to the other end side of the predetermined range.

12. The transfer apparatus according to claim 11, wherein the pressing member is a roller configured to rotatbly contact with the transfer belt.

13. The transfer apparatus according to claim 11,

the suppression mechanism including a steering roller configured to steer the transfer belt,

wherein, during a transferring operation for transferring a toner image on the transfer belt onto a recording material, at least one end of the steering roller is swingably held so that a position in a width direction of the transfer belt to be settled within the predetermined range.

14. The transfer apparatus according to claim 13, further comprising:

a swinging mechanism configured to swing the steering roller;

a driving source configured to drive the swinging mechanism;

a detection member configured to detect the location in the width direction of the transfer belt; and

a control unit configured to control the driving source based on a detection result of the detection member.

15. The transfer apparatus according to claim 13, wherein

the steering roller comprises a non-rotary member at each of both ends of the steering roller in non-rotary manner,

the steering roller swings according to frictional force generated between the non-rotary members and the transfer belt, and

the transfer belt is settled within the predetermined range according to the swing.

16. The transfer apparatus according to claim 11, wherein the pressing member is formed with a resin material having a thickness 0.4mm to 0.6mm.

17. The transfer apparatus according to claim 11, wherein an inner surface of the transfer belt is formed with a resin material.

18. A new transfer apparatus comprising:

a transfer belt configured to carry a toner image on a surface for transferring the toner image onto a recording material;

a suppression mechanism configured to suppress deviation of the transfer belt in a width direction of the transfer belt within a predetermined range;

a pair of transfer members disposed opposite to each other by having the transfer belt therebetween, configured to form a transfer nip that transfers a toner image on the transfer belt onto a recording material;

a guide member disposed opposite to the transfer belt on an upstream side in the moving direction of the transfer belt than the transfer nip, configured to guide a recording material to the transfer nip; and

a pressing member configured to press an inner surface of the transfer belt which is disposed upstream side than the transfer nip and downstream side than the guide member with respect to a moving direction of the transfer belt,

wherein the pressing member is configured to back-up both ends of the transfer belt when the transfer belt is positioned to one end of the predetermined range, and back-up both ends of the transfer belt when the transfer belt is positioned to the other end side of the predetermined range,

19. The transfer apparatus according to claim 18, wherein the pressing member is a roller configured to rotatbly contact with the transfer belt.

20. The transfer apparatus according to claim 18,

the suppression mechanism including a steering roller configured to steer the transfer belt,

wherein, during a transferring operation for transferring a toner image on the transfer belt onto a recording material, at least one end of the steering roller is swingably held so that a position in a width direction of the transfer belt to be settled within the predetermined range.

21. The transfer apparatus according to claim 20, further comprising:

a swinging mechanism configured to swing the steering roller;

a driving source configured to drive the swinging mechanism;

a detection member configured to detect the location in the width direction of the transfer belt; and

a control unit configured to control the driving source based on a detection result of the detection member.

22. The transfer apparatus according to claim 20, wherein

the steering roller comprises a non-rotary member at each of both ends of the steering roller in non-rotary manner,

the steering roller swings according to frictional force generated between the non-rotary members and the transfer belt, and

the transfer belt is settled within the predetermined range according to the swing.

23. The transfer apparatus according to claim 18, wherein the pressing member is formed with a resin material having a thickness of 0.4mm to 0.6mm.

24. The transfer apparatus according to claim 18, wherein an inner surface of the transfer belt is formed with a resin material.

What is claimed is:

1. A transfer apparatus comprising:

a transfer belt configured to carry a toner image on a surface for transferring the toner image onto a recording material;

a suppression mechanism configured to suppress deviation of the transfer belt in a width direction of the transfer belt within a predetermined range;

a pair of transfer members disposed opposite to each other by having the transfer belt therebetween, configured to form a transfer nip that transfers a toner image on the transfer belt onto a recording material; and

a pressing member provided at an upstream side in a moving direction of the transfer belt with respect to the transfer nip, configured to press an inner surface of the transfer belt,

wherein the pressing member is configured to press an area within 25 mm or less upstream toward a moving direction of the transfer belt from the transfer nip, and

wherein each end of the pressing member is arranged to be outside of a corresponding end of the transfer belt, the corresponding end corresponding to the end of the pressing member, than the predetermined range with respect to the width direction of the transfer belt.

2. The transfer apparatus according to claim 1, wherein the pressing member is a sheet-shape member which contacts with the transfer belt.

3. The transfer apparatus according to claim 1, wherein the pressing member is a roller configured to rotatably contact with the transfer belt.

4. The transfer apparatus according to claim 1, further comprising:

a first sheet-shape member configured to contact with the transfer belt; and

a second sheet-shape member disposed upstream side in a moving direction of the transfer belt than the first sheet-shape member, configured to contact with the transfer belt.

5. The transfer apparatus according to claim 1,

the suppression mechanism including a steering roller configured to steer the transfer belt,

wherein, during a transferring operation for transferring a toner image on the transfer belt onto a recording material, the steering roller is inclined based on detected information of a position in the width direction of the transfer belt so that the position in the width direction of the transfer belt to be settled within the predetermined range.

6. The transfer apparatus according to claim 1, wherein

the suppression mechanism includes a steering roller configured to steer the transfer belt,

the steering roller comprises a non-rotary member at each of both ends of the steering roller in non-rotary manner,

the steering roller inclines according to frictional force generated between the non-rotary members and the transfer belt, and

the transfer belt is settled within the predetermined range.

7. The transfer apparatus according to claim 2, wherein the pressing member is formed with a resin material having a thickness of 0.4mm to 0.6mm.

8. The transfer apparatus according to claim 1, wherein an inner surface of the transfer belt is formed with a resin material.

9. A transfer apparatus comprising:

a transfer belt configured to carry a toner image on a surface for transferring the toner image onto a recording material;

a suppression mechanism configured to suppress deviation of the transfer belt in a width direction of the transfer belt within a predetermined range;

a pair of transfer members disposed opposite to each other by having the transfer belt therebetween, configured to form a transfer nip that transfers a toner image on the transfer belt onto a recording material;

a guide member disposed opposite to the transfer belt on an upstream side in the moving direction of the transfer belt than the transfer nip, configured to guide a recording material to the transfer nip; and

a pressing member configured to press an inner surface of the transfer belt which is disposed upstream side than the transfer nip and downstream side than the guide member with respect to a moving direction of the transfer belt,

wherein each end of the pressing member is arranged to be outside of a corresponding end of the transfer belt, the corresponding end corresponding to the end of the pressing member, than the predetermined range with respect to the width direction of the transfer belt.

10. A transfer apparatus comprising:

a transfer belt configured to carry a toner image on a surface for transferring the toner image onto a recording material;

a suppression mechanism configured to suppress deviation of the transfer belt in a width direction of the transfer belt within a predetermined range;

a pair of transfer members disposed opposite to each other by having the transfer belt therebetween, configured to form a transfer nip that transfers a toner image on the transfer belt onto a recording material; and

a pressing member provided upstream side in a moving direction of the transfer belt with respect to the transfer nip, configured to press an inner surface of the transfer belt,

wherein the pressing member is configured to press an area within 25 mm or less upstream toward a moving direction of the transfer belt from the transfer nip, and

wherein the pressing member is configured to back-up both ends of the transfer belt when the transfer belt is positioned to one end of the predetermined range, and back-up both ends of the transfer belt when the transfer belt is positioned to the other end side of the predetermined range.

11. The transfer apparatus according to claim 10, wherein the pressing member is a roller configured to rotatably contact with the transfer belt.

12. The transfer apparatus according to claim 10,

the suppression mechanism including a steering roller configured to steer the transfer belt,

wherein, during a transferring operation for transferring a toner image on the transfer belt onto a recording material, the steering roller is inclined based on detected information of a position in the width direction of the transfer belt so that the position in the width direction of the transfer belt to be settled within the predetermined range.

13. The transfer apparatus according to claim 10, wherein

the suppression mechanism includes a steering roller configured to steer the transfer belt,

the steering roller comprises a non-rotary member at each of both ends of the steering roller in non-rotary manner,

the steering roller inclines according to frictional force generated between the non-rotary members and the transfer belt, and

the transfer belt is settled within the predetermined range.

14. The transfer apparatus according to claim 10, wherein the pressing member is formed with a resin material having a thickness of 0.4mm to 0.6mm.

15. The transfer apparatus according to claim 10, wherein an inner surface of the transfer belt is formed with a resin material.

16. A transfer apparatus comprising:

a transfer belt configured to carry a toner image on a surface for transferring the toner image onto a recording material;

a suppression mechanism configured to suppress deviation of the transfer belt in a width direction of the transfer belt within a predetermined range;

a pair of transfer members disposed opposite to each other by having the transfer belt

therebetween, configured to form a transfer nip that transfers a toner image on the transfer belt onto a recording material;

a guide member disposed opposite to the transfer belt on an upstream side in the moving direction of the transfer belt than the transfer nip, configured to guide a recording material to the transfer nip; and

a pressing member configured to press an inner surface of the transfer belt which is disposed upstream side than the transfer nip and downstream side than the guide member with respect to a moving direction of the transfer belt,

wherein the pressing member is configured to back-up both ends of the transfer belt when the transfer belt is positioned to one end of the predetermined range, and back-up both ends of the transfer belt when the transfer belt is positioned to the other end side of the predetermined range.

17. The transfer apparatus according to claim 16, wherein the pressing member is a roller configured to rotatably contact with the transfer belt.

18. The transfer apparatus according to claim 16,

the suppression mechanism including a steering roller configured to steer the transfer belt,

wherein, during a transferring operation for transferring a toner image on the transfer belt onto a recording material, the steering roller is inclined based on detected information of a position in the width direction of the transfer belt so that the position in the width direction of the transfer belt to be settled within the predetermined range.

19. The transfer apparatus according to claim 16, wherein

the suppression mechanism includes a steering roller configured to steer the transfer belt,

the steering roller comprises a non-rotary member at each of both ends of the steering roller in non-rotary manner,

the steering roller inclines according to frictional force generated between the non-rotary members and the transfer belt, and

the transfer belt is settled within the predetermined range.

20. The transfer apparatus according to claim 16 wherein the pressing member is formed with a resin material having a thickness of 0.4mm to 0.6mm.

21. The transfer apparatus according to claim 16, wherein an inner surface of the transfer belt is formed with a resin material.