What is claimed is:

1. A method for preparing a skin graft, the method comprising the steps of:

harvesting a plurality of skin grafts from a subject;

applying said grafts to a first substrate;

expanding said first substrate; and

transferring said grafts from said first substrate to at least a second substrate for application to a patient recipient site.

2. The method according to claim 1, wherein harvesting comprises:

raising a plurality of blisters; and

cutting the blisters to obtain the plurality of skin grafts.

3. The method according to claim 2, wherein raising comprises:

contacting a device having a plurality of holes to skin; and

applying heat and/or vacuum pressure, thereby raising the plurality of blisters.

4. The method according to claim 1, wherein the skin graft is selected from the group consisting of: an epidermal skin graft, a split thickness graft, and a full thickness graft.

5. The method according to claim 1, wherein the grafts are autografts.

6. The method according to claim 1, wherein the first and/or second substrates are medical dressings.

7. The method according to claim 1, wherein the first and second substrates are the same material.

8. The method according to claim 1, wherein the first and second substrates are different materials.

9. The method according to claim 1, wherein orientation of the skin grafts are maintained while transferring said grafts from said first substrate to said second substrate.

10. The method according to claim 1, wherein the recipient site is an area of depigmented skin that has been prepared to receive a skin graft.

11. A method of skin grafting, the method comprising the steps of:

harvesting a skin graft from a donor site;

generating an array of micrografts from the graft;

expanding a distance between the micrografts by expanding the substrate comprising the micrografts; and

transferring said grafts from said first substrate to a second substrate for application to a patient recipient site.

12. The method according to claim 11, wherein harvesting comprises:

raising a blister; and

cutting the blister.

13. The method according to claim 11, wherein generating comprises:

contacting a mesh to the graft;

applying force to the mesh to result in the mesh cutting the graft into a plurality of micrografts.

14. The method according to claim 11, wherein generating comprises cutting the graft with at least one blade.

15. The method according to claim 11, wherein the array of micrografts are generated on a sterile surface and then the array of micrografts are transferred to the first substrate.

16. The method according to claim 11, wherein the graft is placed on the first substrate and the array of micrografts are generated on the first substrate.

17. The method according to claim 11, wherein orientation of the grafts is maintained.

18. The method according to claim 11, wherein the first and/or second substrates are medical dressings.

19. The method according to claim 11, wherein the first and second substrates are the same material.

20. The method according to claim 11, wherein the first and second substrates are different materials.

21. The method according to claim 1, wherein the graft is an autograft.

22. The method according to claim 1, wherein the recipient site is an area of depigmented skin that has been prepared to receive the skin graft.

23. A method for preparing a skin graft, the method comprising the steps of:

harvesting a plurality of skin grafts from a subject;

applying said grafts to a substrate, wherein said substrate comprises a deformable non-resilient material; and

applying the substrate to a patient recipient site.

24. The method according to claim 23, wherein prior to said applying step, the method further comprises expanding said substrate, wherein the substrate retains its expanded configuration without residual stress.

25. The method according to claim 23, wherein harvesting comprises:

raising a plurality of blisters; and

cutting the blisters to obtain the plurality of skin grafts.

26. The method according to claim 25, wherein raising comprises:

contacting a device having a plurality of holes to skin; and

applying heat and/or vacuum pressure, thereby raising the plurality of blisters.

27. The method according to claim 23, wherein the skin graft is selected from the group consisting of: an epidermal skin graft, a split thickness graft, and a full thickness graft.

28. The method according to claim 23, wherein the grafts are autografts.

29. The method according to claim 23, wherein the substrate comprises a material selected from the group consisting of: soft polyurethanes; low density polyethylenes; linear low density polyethylenes; polyester copolymers; polyamide copolymers; and silicones.

30. A method of skin grafting, the method comprising the steps of:

harvesting a skin graft from a donor site;

generating an array of micrografts from the graft;

expanding a distance between the micrografts by expanding the substrate comprising the micrografts, wherein the substrate comprises a deformable non-resilient material, and the expanded substrate retains an expanded configuration without residual stress; and

applying the expanded substrate to a patient recipient site.

31. The method according to claim 30, wherein harvesting comprises:

raising a blister; and

cutting the blister.

32. The method according to claim 30, wherein generating comprises:

contacting a mesh to the graft;

applying force to the mesh to result in the mesh cutting the graft into a plurality of micrografts.

33. The method according to claim 30, wherein generating comprises cutting the graft with at least one blade.

34. The method according to claim 30, wherein the array of micrografts are generated on a sterile surface and then the array of micrografts are transferred to the substrate.

35. The method according to claim 30, wherein the graft is placed on the substrate and the array of micrografts are generated on the substrate.

36. The method according to claim 30, wherein the substrate comprises a material selected from the group consisting of: soft polyurethanes; low density polyethylenes; linear low density polyethylenes; polyester copolymers; polyamide copolymers; and silicones.

37. A method of skin grafting, the method comprising the steps of:

harvesting a skin graft from a donor site to a device for generating an array of micrografts;

generating the array of micrografts from the graft;

depositing the array of micrografts onto a substrate;

expanding a distance between the micrografts by expanding the substrate comprising the micrografts; and

applying the expanded substrate to a patient recipient site.

38. The method according to claim 37, wherein the device comprises:

a first mesh screen; and

a second mesh screen.

39. The method according to claim 37, wherein the device comprises:

a mesh screen; and

an array of pistons, wherein the pistons are configured to fit into openings in the screen.

40. The method according to claim 37, wherein harvesting comprises:

raising a blister; and

cutting the blister.

41. The method according to claim 37, wherein the generating and the depositing steps occur simultaneously.

42. The method according to claim 37, wherein the generating and the depositing steps occur sequentially.

43. A method of skin grafting, the method comprising the steps of:

harvesting a skin graft from a donor site;

generating an array of micrografts from the graft;

depositing the array of micrografts onto a substrate, wherein the generating and depositing occur simultaneously;

expanding a distance between the micrografts by expanding the substrate comprising the micrografts; and

applying the expanded substrate to a patient recipient site.

44. The method according to claim 43, wherein the device comprises:

a first mesh screen; and

a second mesh screen.

45. The method according to claim 43, wherein the device comprises:

a mesh screen; and

an array of pistons, wherein the pistons are configured to fit into openings in the screen.

46. The method according to claim 43, wherein harvesting comprises:

raising a blister; and

cutting the blister.

What is claimed is:

1. A method for preparing a skin graft, the method comprising the steps of:

providing a device comprising a frame, a lid, a bottom plate, a cutter plate, and a top plate, wherein said cutter plate is disposed between said top and bottom plates and wherein said bottom, cutter and top plates are fitted in the frame and wherein each plate comprises a plurality of holes and wherein as assembled the holes in the plates are aligned and the cutter plate is movable within the frame, and wherein the lid is adapted for connecting with a vacuum source;

contacting the device to skin;

applying a vacuum to generate a negative pressure within the device to thereby raise a plurality of blisters through the aligned holes;

actuating the cutter plate to disrupt the alignment of the holes and to cut the raised blisters, thereby generating a plurality of skin grafts; and

applying said grafts to a substrate.

2. The method according to claim 1, wherein the skin graft is selected from the group consisting of: an epidermal skin graft, a split thickness graft, and a full thickness graft.

3. The method according to claim 1, wherein the grafts are autografts.

4. The method according to claim 1, wherein the substrate comprises a medical dressing.

5. The method according to claim 1, further comprising transferring said grafts from said substrate to at least another substrate prior to applying said grafts to a patient recipient site.

6. The method according to claim 5, wherein the substrates are formed of any of the same or different materials.

7. The method according to claim 5, wherein orientation of the skin grafts are maintained while transferring said grafts from said substrate to said another substrate.

8. The method according to claim 1, further comprising transferring said grafts from said substrate to a patient recipient site, wherein the recipient site is an area of depigmented skin that has been prepared to receive a skin graft.

9. The method according to claim 1, wherein the device further comprises an actuation block for controlling movement of the cutter plate.

10. The method according to claim 1, wherein said substrate is positioned above the top plate.

11. A method for preparing a skin graft, the method comprising the steps of:

providing a device comprising a frame, a lid, a bottom plate, a cutter plate, and a top plate, wherein each plate comprises a plurality of holes and wherein the cutter plate is movable within the frame, and wherein the frame includes a vacuum stop and the lid includes a suction hole barb;

contacting the device to skin;

applying vacuum pressure to thereby raise a plurality of blisters;

actuating the cutter plate to cut the raised blisters, thereby generating a plurality of skin grafts;

applying said grafts to a first substrate; and

transferring said grafts from said first substrate to at least a second substrate for application to a patient recipient site.

12. The method according to claim 11, wherein the vacuum stop and the suction hole barb are aligned with each other.

13. The method according to claim 11, wherein the skin graft is selected from the group consisting of: an epidermal skin graft, a split thickness graft, and a full thickness graft.

14. The method according to claim 11, wherein the grafts are autografts.

15. The method according to claim 11, wherein the first and/or second substrates are medical dressings.

16. The method according to claim 11, wherein the first and second substrates are the same material.

17. The method according to claim 11, wherein the first and second substrates are different materials.

18. The method according to claim 11, wherein orientation of the skin grafts are maintained while transferring said grafts from said first substrate to said second substrate.

19. The method according to claim 11, wherein the recipient site is an area of depigmented skin that has been prepared to receive a skin graft.

20. The method according to claim 11, wherein the plurality of holes in each of the bottom plate, cutter plate, and top plate may be aligned with each other