What is claimed is:

1. A fitting for connecting at least two pipe elements together, said fitting comprising:

first and second housing portions attached to one another and defining at least first and second receptacles wherein said first receptacle is not coaxially aligned with said second receptacle, said first and second receptacles respectively defining first and second openings for receiving said pipe elements, said housing portions further defining a fluid path extending between said first and second receptacles;

a plurality of adjustable fasteners attaching said first and second housing portions to one another, said housing portions being supported in spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles while said housing portions are attached to one another, said fasteners being adjustably tightenable so as to draw said housing portions toward one another and bring said receptacles into engagement with said pipe elements so as to affix said pipe elements together.

2. The fitting according to Claim 1, wherein said first receptacle surrounds a first axis oriented coaxially with said first opening and said second receptacle surrounds a second axis oriented coaxially with said second opening, said first and second axes being angularly oriented with respect to one another.

3. The fitting according to Claim 2, wherein said first and second axes have an orientation angle from about 90° to about 174° with respect to one another.

4. The fitting according to Claim 1, wherein said first and second housing portions further define a third receptacle, said third receptacle defining a third opening for receiving one of said pipe elements, said housing portions further defining said fluid path to extend between said first, second and third receptacles.

5. The fitting according to Claim 4, wherein said first receptacle surrounds a first axis oriented coaxially with said first opening, said second receptacle surrounds a second axis oriented coaxially with said second opening, and said third receptacle surrounds a third axis oriented coaxially with said third opening, said first and third axes being co-

linear with one another, said second axis being angularly oriented with respect to said first and third axes.

6. The fitting according to Claim 5, wherein said first and second axes have an orientation angle from about 30° to about 150° with respect to one another.

7. The fitting according to Claim 1, further comprising:

at least a first angularly oriented surface located on said first housing portion;

at least a second angularly oriented surface located on said second housing portion, said first and second angularly oriented surfaces being in facing relation and sliding over one another when said fasteners are tightened to bring said first and second angularly oriented surfaces in contact, sliding motion between said first and second angularly oriented surfaces causing said first and second housing portions to rotate in opposite directions relatively to one another.

8. The fitting according to Claim 7, further comprising:

a plurality of lugs extending from each of said first and second housing portions, each of said lugs defining a hole for receiving one of said fasteners;

said first angularly oriented surface portion being located on one of said lugs on said first housing portion;

said second angularly oriented surface portion being located on one of said lugs on said second housing portion.

9. The fitting according to Claim 1, further comprising:

a plurality of lugs extending from each of said first and second housing portions, each of said lugs defining a hole for receiving one of said fasteners, at least two of said lugs on said first housing portion each having a first angularly oriented surface, at least two of said lugs on said second housing portion each having a second angularly

oriented surface, each of said first angularly oriented surfaces being in facing relation with a respective one of said second angularly oriented surfaces, said first and second angularly oriented surfaces sliding over one another when said fasteners are tightened to bring said first and second angularly oriented surfaces in contact, sliding motion between said first and second angularly oriented surfaces causing said first and second housing portions to rotate in opposite directions relatively to one another.

10. The fitting according to Claim 1, further comprising:

a first seal positioned within said first receptacle and surrounding said first opening;

a second seal positioned within said second receptacle and surrounding said second opening;

a tube extending within said fitting between said first and second seals.

11. The fitting according to Claim 10, wherein said tube is integrally formed with said first and second seals.

12. The fitting according to Claim 10, wherein said seals sealingly engage said tube when said seals are compressed between said first and second housing portions.

13. The fitting according to Claim 4, further comprising:

a first seal positioned within said first receptacle and surrounding said first opening;

a second seal positioned within said second receptacle and surrounding said second opening;

a third seal positioned within said third receptacle and surrounding said third opening;

a tube extending within said fitting between said first, second and third seals.

14. The fitting according to Claim 13, wherein said tube is integrally formed with said first, second and third seals.

15. The fitting according to Claim 13, wherein said seals sealingly engage said tube when said seals are compressed between said first and second housing portions.

16. The fitting according to Claim 10, wherein said first and second housing portions are supported in said spaced relation by contact with said first and second seals.

17. The fitting according to Claim 16, wherein said first and second seals have an outer circumference sized to support said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

18. The fitting according to Claim 16, wherein said first and second seals each have at least one projection extending radially outwardly therefrom, said at least one projection on each of said seals engaging one of said first and second housing portions and thereby supporting said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

19. The fitting according to Claim 18, wherein said at least one projection on each of said first and second seals comprises an arch extending outwardly from each of said first and second seals.

20. The fitting according to Claims 18, wherein at least one of said receptacles comprises a recess positioned on an inner surface thereof for receiving said at least one projection extending from one of said first and second seals.

21. The fitting according to Claim 13, wherein said first and second housing portions are supported in said spaced relation by contact with said first, second and third seals.

22. The fitting according to Claim 21, wherein said first, second and third seals have an outer circumference sized to support said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

23. The fitting according to Claim 21, wherein said first, second and third seals each have at least one projection extending radially outwardly therefrom, said at least one projection on each of said seals engaging one of said first and second housing portions and thereby supporting said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

24. The fitting according to Claim 23, wherein said at least one projection on each of said first and second seals comprises an arch extending outwardly from each of said first, second and third seals.

25. The fitting according to Claims 23, wherein at least one of said receptacles comprises a recess positioned on an inner surface thereof for receiving said at least one projection extending from one of said first, second and third seals.

26. A fitting for connecting at least two pipe elements together, said fitting comprising:

first and second housing portions attached to one another and defining at least first and second receptacles wherein said first receptacle is not coaxially aligned with said second receptacle, said first and second receptacles respectively defining first and second openings for receiving said pipe elements, said housing portions further defining a fluid path extending between said first and second receptacles;

a plurality of adjustable fasteners attaching said first and second housing portions to one another, said fasteners being adjustably tightenable so as to draw said housing portions toward one another and bring said receptacles into engagement with said pipe elements so as to affix said pipe elements together;

at least a first angularly oriented surface located on said first housing portion;

at least a second angularly oriented surface located on said second housing portion, said first and second angularly oriented surfaces being in facing relation and sliding over one another when said fasteners are tightened to bring said first and second angularly oriented surfaces in contact, sliding motion between said first and

second angularly oriented surfaces causing said first and second housing portions to rotate in opposite directions relatively to one another.

27. The fitting according to Claim 26, wherein said first receptacle surrounds a first axis oriented coaxially with said first opening and said second receptacle surrounds a second axis oriented coaxially with said second opening, said first and second axes being angularly oriented with respect to one another.

28. The fitting according to Claim 27, wherein said first and second axes have an orientation angle from about 90° to about 174° with respect to one another.

29. The fitting according to Claim 26, wherein said first and second housing portions further define a third receptacle, said third receptacle defining a third opening for receiving one of said pipe elements, said housing portions further defining said fluid path to extend between said first, second and third receptacles.

30. The fitting according to Claim 29, wherein said first receptacle surrounds a first axis oriented coaxially with said first opening, said second receptacle surrounds a second axis oriented coaxially with said second opening, and said third receptacle surrounds a third axis oriented coaxially with said third opening, said first and third axes being co-linear with one another, said second axis being angularly oriented with respect to said first and third axes.

31. The fitting according to Claim 30, wherein said first and second axes have an orientation angle from about 30° to about 150° with respect to one another.

32. The fitting according to Claim 26, further comprising:

a plurality of lugs extending from each of said first and second housing portions, each of said lugs defining a hole for receiving one of said fasteners;

said first angularly oriented surface being located on one of said lugs on said first housing portion; and

said second angularly oriented surface being located on one of said lugs on said second housing portion.

33. The fitting according to Claim 26, further comprising:

a first seal positioned within said first receptacle and surrounding said first opening;

a second seal positioned within said second receptacle and surrounding said second opening;

a tube extending within said fitting between said first and second seals.

34. The fitting according to Claim 33, wherein said tube is integrally formed with said first and second seals.

35. The fitting according to Claim 33, wherein said seals sealingly engage said tube when said seals are compressed between said first and second housing portions.

36. The fitting according to Claim 29, further comprising:

a first seal positioned within said first receptacle and surrounding said first opening;

a second seal positioned within said second receptacle and surrounding said second opening;

a third seal positioned within said third receptacle and surrounding said third opening;

a tube extending within said fitting between said first, second and third seals.

37. The fitting according to Claim 36, wherein said tube is integrally formed with said first, second and third seals.

38. The fitting according to Claim 36, wherein said seals sealingly engage said tube when said seals are compressed between said first and second housing portions.

39. The fitting according to Claim 33, wherein said first and second housing portions are supported in spaced relation sufficient to permit said pipe elements to be

inserted into said receptacles while said housing portions are attached to one another, said housing portions being supported by contact with said first and second seals.

40. The fitting according to Claim 39, wherein said first and second seals have an outer circumference sized to support said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

41. The fitting according to Claim 39, wherein said first and second seals each have at least one projection extending radially outwardly therefrom, said at least one projection on each of said seals engaging one of said first and second housing portions and thereby supporting said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

42. The fitting according to Claim 41, wherein said at least one projection on each of said first and second seals comprises an arch extending outwardly from each of said first and second seals.

43. The fitting according to Claims 41, wherein at least one of said receptacles comprises a recess positioned on an inner surface thereof for receiving said at least one projection extending from one of said first and second seals.

44. The fitting according to Claim 36, wherein said first and second housing portions are supported in spaced relation sufficient to permit said pipe elements to be inserted into said receptacles while said housing portions are attached to one another, said housing portions being supported by contact with said first, second and third seals.

45. The fitting according to Claim 44, wherein said first, second and third seals have an outer circumference sized to support said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

46. The fitting according to Claim 44, wherein said first, second and third seals each have at least one projection extending radially outwardly therefrom, said at least one projection on each of said seals engaging one of said first and second housing portions and thereby supporting said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

47. The fitting according to Claim 46, wherein said at least one projection on each of said first, second and third seals comprises an arch extending outwardly from each of said first, second and third seals.

48. The fitting according to Claims 46, wherein at least one of said receptacles comprises a recess positioned on an inner surface thereof for receiving said at least one projection extending from one of said first, second and third seals.

What is claimed is:

1. A fitting for connecting at least two pipe elements together, said fitting comprising:

first and second housing portions attached to one another and defining at least first and second receptacles wherein said first receptacle is not coaxially aligned with said second receptacle, said first and second receptacles respectively defining first and second openings for receiving said pipe elements, said housing portions further defining a fluid path extending between said first and second receptacles;

a plurality of adjustable fasteners attaching said first and second housing portions to one another, said fasteners being adjustably tightenable so as to draw said housing portions toward one another and bring said receptacles into engagement with said pipe elements so as to affix said pipe elements together;

at least a first angularly oriented surface located on said first housing portion;

at least a second angularly oriented surface located on said second housing portion, said first and second angularly oriented surfaces being in facing relation and sliding over one another when said fasteners are tightened to bring said first and second angularly oriented surfaces in contact, sliding motion between said first and second angularly oriented surfaces causing said first and second housing portions to rotate in opposite directions relatively to one another.

2. The fitting according to Claim 1, wherein said first receptacle surrounds a first axis oriented coaxially with said first opening and said second receptacle surrounds a second axis oriented coaxially with said second opening, said first and second axes being angularly oriented with respect to one another.

3. The fitting according to Claim 2, wherein said first and second axes have an orientation angle from about 90° to about 174° with respect to one another.

4. The fitting according to Claim 1, wherein said first and second housing portions further define a third receptacle, said third receptacle defining a third opening for receiving one of said pipe elements, said housing portions further defining said fluid path to extend between said first, second and third receptacles.

5. The fitting according to Claim 4, wherein said first receptacle surrounds a first axis oriented coaxially with said first opening, said second receptacle surrounds a second axis oriented coaxially with said second opening, and said third receptacle surrounds a third axis oriented coaxially with said third opening, said first and third axes being co-linear with one another, said second axis being angularly oriented with respect to said first and third axes.

6. The fitting according to Claim 5, wherein said first and second axes have an orientation angle from about 30° to about 150° with respect to one another.

7. The fitting according to Claim 1, further comprising:

a plurality of lugs extending from each of said first and second housing portions, each of said lugs defining a hole for receiving one of said fasteners;

said first angularly oriented surface being located on one of said lugs on said first housing portion; and

said second angularly oriented surface being located on one of said lugs on said second housing portion.

8. The fitting according to Claim 1, further comprising:

a first seal positioned within said first receptacle and surrounding said first opening;

a second seal positioned within said second receptacle and surrounding said second opening;

a tube extending within said fitting between said first and second seals.

9. The fitting according to Claim 8,, wherein said tube is integrally formed with said first and second seals.

10. The fitting according to Claim 8, wherein said seals sealingly engage said tube when said seals are compressed between said first and second housing portions.

11. The fitting according to Claim 4, further comprising:

a first seal positioned within said first receptacle and surrounding said first opening;

a second seal positioned within said second receptacle and surrounding said second opening;

a third seal positioned within said third receptacle and surrounding said third opening;

a tube extending within said fitting between said first, second and third seals.

12. The fitting according to Claim 11,wherein said tube is integrally formed with said first, second and third seals.

13. The fitting according to Claim 11,wherein said seals sealingly engage said tube when said seals are compressed between said first and second housing portions.

14. The fitting according to Claim &,, wherein said first and second housing portions are supported in spaced relation sufficient to permit said pipe elements to be

inserted into said receptacles while said housing portions are attached to one another, said housing portions being supported by contact with said first and second seals.

15. The fitting according to Claim 14, wherein said first and second seals have an outer circumference sized to support said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

16. The fitting according to Claim 14, wherein said first and second seals each have at least one projection extending radially outwardly therefrom, said at least one projection on each of said seals engaging one of said first and second housing portions and thereby supporting said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

17. The fitting according to Claim 16, wherein said at least one projection on each of said first and second seals comprises an arch extending outwardly from each of said first and second seals.

18. The fitting according to Claims 16, wherein at least one of said receptacles comprises a recess positioned on an inner surface thereof for receiving said at least one projection extending from one of said first and second seals.

19. The fitting according to Claim 11, wherein said first and second housing portions are supported in spaced relation sufficient to permit said pipe elements to be inserted into said receptacles while said housing portions are attached to one another, said housing portions being supported by contact with said first, second and third seals.

20. The fitting according to Claim 19, wherein said first, second and third seals have an outer circumference sized to support said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

21. The fitting according to Claim 19, wherein said first, second and third seals each have at least one projection extending radially outwardly therefrom, said at least one projection on each of said seals engaging one of said first and second housing portions and thereby supporting said housing portions in said spaced apart relation sufficient to permit said pipe elements to be inserted into said receptacles.

22. The fitting according to Claim 21, wherein said at least one projection on each of said first, second and third seals comprises an arch extending outwardly from each of said first, second and third seals.

23. The fitting according to Claims 21, wherein at least one of said receptacles comprises a recess positioned on an inner surface thereof for receiving said at least one projection extending from one of said first, second and third seals.