WHAT IS CLAIMED IS:

1. A filtration method comprising:

utilizing a first centrifuge to remove a first portion of solids from a first slurry of saccharified biomass, producing a second slurry; and

utilizing a second centrifuge to remove a second portion of solids from the second slurry, producing a third slurry.

2. The method of claim 1, wherein the first centrifuge is operated at a first G-Force and the second centrifuge is operated at a second, higher G-Force.

3. The method of claim 2, wherein the first G-Force is between about 500 g and about 3000 g.

4. The method of claim 2, wherein the second G-Force is between about 2000 g and about 5000 g.

5. The method of claim 1, wherein the first slurry contains between about 1 weight percent and 40 weight percent solids.

6. The method of claim 1, wherein the second slurry contains between about 1 weight percent and about 10 weight percent solids.

7. The method of claim 1, wherein the second slurry contains less than half the solids as compared to the first slurry.

8. The method of claim 1, wherein the third slurry contains less than about 3 weight percent solids.

9. The method of claim 1, wherein the third slurry contains less than about half the solids as compared to the second slurry.

10. The method of claim 1, wherein the first slurry has a median particle size of greater than 100 μm.

11. The method of claim 1, wherein the second slurry has a median particle size less than about 100 μm.

12. The method of claim 1, wherein the third slurry has a median particle size less than about 10 μm.

13. The method of claim 1, wherein the median particle size of the first slurry is greater than the median particle size of the second slurry.

14. The method of claim 1, wherein the median particle size of the second slurry is larger than the median particle size of the third slurry.

15. The method of claim 1, wherein prior to utilizing the first centrifuge, proteins are denatured and precipitated and are substantially removed from said first slurry.

16. The method of claim 1, wherein proteins are not removed and are left as dissolved material in the first slurry and second slurry.

17. The method of claim 1, wherein prior to utilizing the first centrifuge, proteins in the first slurry are denatured.

18. The method of claim 1, wherein the saccharified biomass is fermented prior to utilizing the first centrifuge to remove the first portion of solids.

19. The method of claim 1, wherein the first portion of solids is washed, thereby producing a first washing fluid, and the first washing fluid is added to the second or third slurry.

20. The method of claim 1, wherein the second portion of solids is washed, thereby producing a second washing fluid, and the second washing fluid is added to the third slurry.

21. The method of claim 1, further comprising utilizing a third centrifuge to remove a third portion of solids from a third slurry.

22. The method of claim 1, wherein the second slurry is produced at an average rate of at least 10 gal/min.

23. The method of claim 22, wherein the second slurry contains less than about 3% solids.