Karl Leinsing Depo Prep Notes

12/4/2025

Claim Construction:

"Fluid control member" / "collection lumen" / "block" – Means plus function term. **Function** – "be in fluid communication with at least a first container and a second container when the first container and the second container are connected to the fluid control member" and "be in fluid communication with the handpiece assembly;" This means the fluid control member, collection lumen, and block must have ability for simultaneously and/or sequentially deliver multiple treatment serums or solutions to the skin of a patient. `287 Col. 6, Lines 27-30. **Structures** – "manifold system 24" ('287 Patent at 17:17–18:37; Figures 15A–15D), "switches 29" (17:21-22), "lumen 171" (18:15-18), or "valves, fluid lines, and the like" (18:38- 42), and equivalents of these structures.

Prior Art Issues:

Karasiuk:
1. Single container
2. Handpiece not connected to the console
3. Not enabled w/breather line
4. Not an automated multi-serum system
5. States solutions combined in one container
6. No motivation for multi-container automated system

Palmer:
1. Rotary valve doesn't have ability for simultaneous flow
2. Rotary valve does not put two or more containers in fluid communication with handpiece
3. Removal of peristaltic pump creates free flow issues or syphoning
4. Non-analogous art – Dental irrigation device w/no vacuum
5. Tubing too small for flow of viscous solutions
6. Handpiece not connected to the console

Greenberg:
1. Does not work with liquids
2. Handpiece not connected to the console
3. Fig. 5 is not described to work with vacuum
4. Valve 106 or 108 does not have ability for simultaneous flow
5. Valve 108 downstream of particles would fail or clog
6. No disclosure as to how 3 filters would be used for 3 size particles
7. No motivation to combine Fig. 5 with other figures with different containers

Trueba:
1. Non-analogous art – print head dispenser
2. Dispenses small droplets
3. Does not solve any problem of the primary references
4. No motivation to use and combination with other art causes complications

Corrections:
1. "Fluid" should be "liquid" [end of ¶59]

EXHIBIT 1032

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