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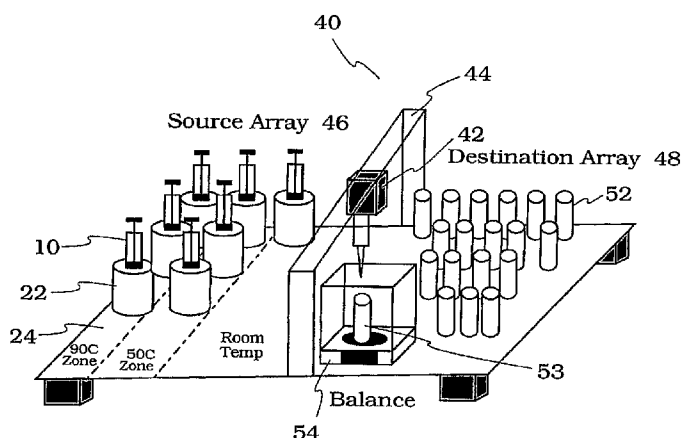
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(54) Title: METHOD OF BLENDING LUBRICANTS USING POSITIVE DISPLACEMENT LIQUID-HANDLING EQUIPMENT

Exemplary Schematic of a Lubricant Blend Station with Positive-Displacement Pipettes



(57) Abstract: Accurately dispensing small amounts of high viscosity lubricant components uses tubeless positive-displacement liquid-handling equipment for forming lubricant blends. Steps include: providing a low void volume positive displacement pipette with a tapered tip for each lubricant component contained within a lubricant additive reservoir, and a lubricant blend container; ingesting into the pipette from a lubricant additive reservoir, an ingestion volume of a lubricant component; moving the pipette from the lubricant additive reservoir to the lubricant blend container; ejecting into the lubricant blend container an ejection volume of the lubricant component from the pipette; returning the pipette from the lubricant blend container to the additive reservoir; and repeating these steps for each additional lubricant component. The method finds application in high throughput laboratory testing environments.

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