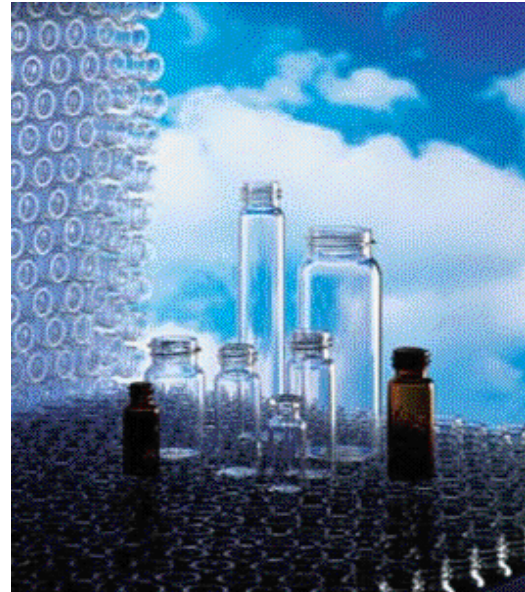


**Opportunities**

Simple mechanical vials are not always simple to use. **Habley Medical Technologies, Inc.** has patented technologies that ease some of the idiosyncrasies of vials including:

- Reduction of contamination from air.
- More gentle mixing of fragile crystalline drugs.
- Increased ease of measuring/dosing.

Patent #	Key Features
US 5,593,028 US 5,335,773	<ul style="list-style-type: none"> <li>• Overpressure in the container is eliminated by the access member returning to its original position</li> <li>• The movement of the access member, not increased interior pressure, causes the barrier to be breached</li> </ul>
US 5,374,249	<ul style="list-style-type: none"> <li>• Container used for mixing pharmaceuticals</li> <li>• A diaphragm pumps the drug in and out of the mixing container to ensure gentle yet thorough mixing</li> </ul>
US 5,352,196 US 5,188,615	<ul style="list-style-type: none"> <li>• Two drugs can be mixed due to a rupturable barrier</li> <li>• Air is excluded in the vial by a piston creating constant pressure and variable inside volume</li> </ul>
US 5,334,178	<ul style="list-style-type: none"> <li>• Device does not require air to be injected into it</li> <li>• Pressure maintained to be nearly constant</li> <li>• Eliminates diaphragm flex</li> </ul>
US 5,330,048	<ul style="list-style-type: none"> <li>• Mixes two drugs by allowing one of the containers inside the interior to be broken</li> <li>• Container is broken by a rotational motion of the device</li> <li>• Rotational locks prevent unintentional drug mixing</li> </ul>
US 5,292,318	<ul style="list-style-type: none"> <li>• Designed for users with impaired vision or reduced manual dexterity</li> <li>• Air is excluded from the container</li> </ul>
US 5,211,285	<ul style="list-style-type: none"> <li>• Mixes two drugs by allowing one of the containers to be broken</li> <li>• Mixing occurs due to reciprocation of the drugs between the interior containers</li> <li>• Device can be used for injections</li> </ul>



**Intellectual Property**

Habley Medical Technology was founded in 1982 in California and has been issued over 440 U.S. patents in the medical technology field, ranging from specialty implant and safety needle and syringe devices, to safety blood collection devices to one of its most recent products, the puncture evident glove. Habley patents have been licensed and sold outright to major pharmaceutical and medical device corporations all over the United States, including AMGEN, Monsanto, Becton Dickinson, Eli Lilly, Baxter and Ethicon, for worldwide use. In fact, chances are that when you go down to the doctor to have your blood collected, the device used is most likely a Habley invention.

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