

## **InvenioIP - Technology Details**

**Institution:** University of Maryland, Baltimore

**Docket:** CD-2006-029

**Title:** Adjustable Dental Bite Fork

**Summary:** Conventional bite forks, tools used in dentistry, are designed to fit average-size mouths. However, these tools are not suitable for use in treating children and adults with microstomia (i.e., small mouths). The invention relates to an adjustable bite fork that can be used for treating patients that do not have average-size mouths. The invention also relates to a method for aligning a maxillary cast of a patient on an articulator.

**Applications:** • Dentistry.

**Advantages:** • The adjustable bite fork of the invention can be used in patients to accommodate for mouth size that is smaller or larger than average.

**State of Development:** The design of the bite fork of the invention has been accomplished.

**R and D Required:** Validation of the bite fork of the invention in human subjects is required.

**Licensing Potential:** UM seeks to develop and commercialize by an exclusive or non-exclusive license agreement and/or sponsored research with a company active in the area.

**Patent Status:** Patent pending.

**Related Publications:** N/A

**Files:**

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