



# Commercialized Intellectual Property Acquisition Opportunity

*Patent-Protected Orthodontic Hardware-Software Solutions for Optimizing Aligner Treatment Plans & Reducing Patient Pain & Discomfort*



**Non-Binding  
Indication of  
Interest Submission  
Deadline:  
October 8, 2024**

-  **5 Registered U.S. Patents & Foreign Counterparts**
-  **Proprietary Orthodontic Treatment Plan Enhancement Software**
-  **Periodontal Ligament Clinical Data**
-  **Orthodontic Medical Device Design Materials**
-  **Ortho-Future.com Domain Name**

Contact Us

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Valuation | Monetization | Advisory | Capital Solutions



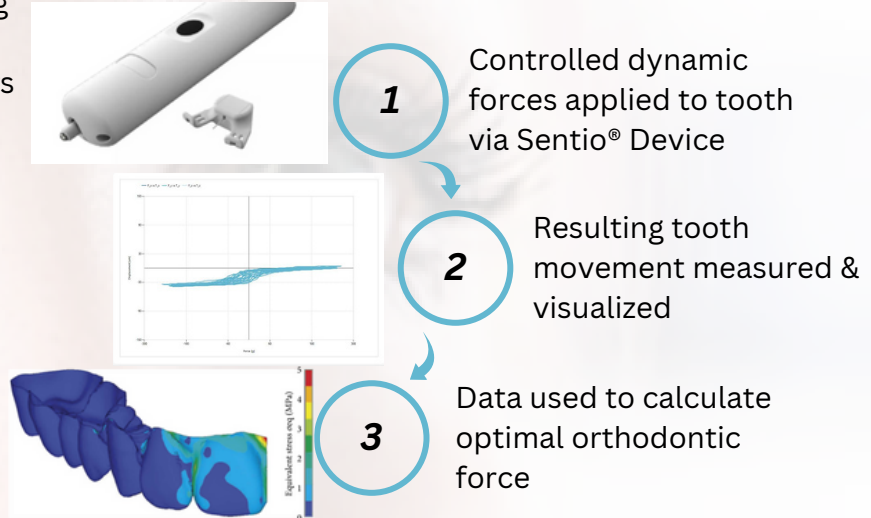
[www.hilcostreambank.com](http://www.hilcostreambank.com)

## The Problem

- No good source of clinical periodontal ligament (PDL) data
- PDL forces are difficult to measure, leading to lack of optimal force consensus
- Patients experience uncomfortable aligners and suboptimal results
- Aligner manufacturers lose customers and end result satisfaction

## Ortho Future's Solutions

- Capture and analyze patient PDL data through patent-protected hardware and software solutions
- Determine optimal force to craft most efficient orthodontic treatment plans
- Greater patient comfort and superior treatment outcomes
- Shorter treatment times
- Higher patient satisfaction leads to shorter customer conversion for aligner manufacturers



## PATENT-PROTECTED SENTIO® DEVICE & APPLICATION

Impression putty placed into mouthpiece

**1**

Probe attached to inside surface of target tooth

**2**

Attachment bonded to labial surface of target tooth

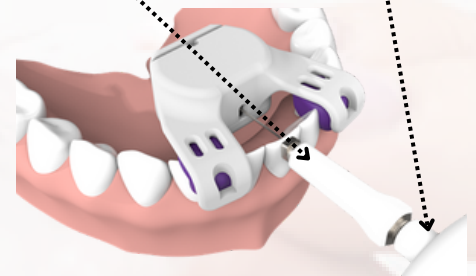
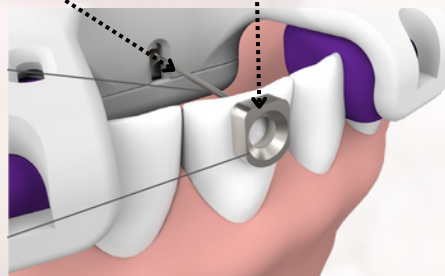
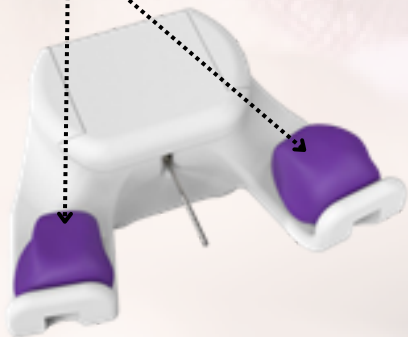
**3**

Extension connected to tooth attachment using magnet

**4**

Handpiece used to apply light forces to target tooth

**5**



Sentio® captures some of the most precise PDL data available in the field, which is then measured, analyzed, and visualized via Ortho Future's proprietary software platform. The software assesses the results of the forces applied via Sentio® and outputs critical force data used by orthodontists and aligner manufacturers to create an optimal treatment plan for achieving superior patient results.

The software solutions are used to develop the most effective and comfortable treatment plans by optimizing force and accounting for variables such as age, gender, and specific tooth.



**Force Inputs for More Efficient Treatment Plans**

**Optimal Appliance Design**

**Appliance Placement Recommendations**

**Appropriate Appliance Material Recommendations**



## AVAILABLE ASSETS & PROCESS

- 5 U.S. Registered Patents, Foreign Counterparts in 10 Jurisdictions, & 3 Pending Applications
- Codebase\* Enabling Proprietary Orthodontic Treatment Planning Platform
- PDL Clinical Data for 120+ Clinical Patients
- CAD & Supporting Design Materials Enabling Sentio® Device Manufacturing
- Ortho-Future.com Domain Name

*\*Source, object, and executable code are available for transfer. The platform is not currently hosted in an active production environment.*

## Contact Us

For more information and to participate in the sale process, please contact Hilco Streambank at [project+ortho@hilcoglobal.com](mailto:project+ortho@hilcoglobal.com).



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