

20.8 : Draft an IP agreement with your advisor. Draft an IP disclosure for your work.

Invention Title: Positioning System for Videofluoroscopic Studies in Children

Earliest Date of Idea Conception: September 18, 2019

Property Rights Agreement:

This agreement is between Noah Mallory, Katelyn Henderson, Justin Cruz, and John Kerr (OWNERS) and Kaitlyn Johnston Minchin, our advisor employed by Vanderbilt Children's Hospital.

The owners have developed through substantial time, research and effort certain ideas, design concepts and methodologies related to the positioning system used in videofluoroscopic swallow studies.

This agreement states that the above mentioned will not disclose any information on a confidential basis without the expressed permission of the owners. The owners wish to maintain the confidentiality of the information and the protection of their intellectual property. Any information the owners choose to disclose to the advisor is solely for the purpose of evaluating and improving upon the design for possible future arrangements.

Invention Description/Function: This invention aims to address the existing need for a radio-translucent seating system to accommodate children and physicians in terms of comfort, stability, and security during videofluoroscopic swallow studies. The team at Vanderbilt Children's Hospital performs numerous videofluoroscopic swallow studies on children from birth to adolescence who have a variety of positioning, motor, developmental, and seating needs. The current fluoroscopy equipment rarely accommodates a child's home wheelchair, and seating arrangements are suboptimal in terms of stability and functionality. The chair/seating system being designed will be adjustable to multiple sizes and positioning needs, meet size/width constraints with existing equipment, and be both radiotranslucent, and child-friendly.

Inventors	Title/Contributions	Contact Information
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Potential Commercial Opportunities: This seating system has the potential to fill an identified hole in the current market for medical chairs in children's hospitals that are size-adjustable, child-friendly, compatible with existing equipment, and do not interfere with imaging. As of the date of this IP agreement, the inventors do not plan to seek commercial gain from this invention and acknowledge that Vanderbilt University will be given ownership of all generated intellectual property, including the final product/design. However, the inventors maintain their entitlement to a portion of future revenues from their inventions if Vanderbilt University or VUMC choose to commercialize the intellectual property.

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By my signature below, I acknowledge that I have read the above document and agree to Vanderbilt's intellectual property Policy.

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