

## **Invention Summaries**

### **Integrated Lighted Oral Tissue Retractor**

The Integrated Lighted Oral Tissue Retractor is designed to be used by dentists, dental hygienists, and related health practitioners. It provides a source of illumination of the oral cavity in non-conventional dental settings as well as conventional offices when extra illumination is required. It also serves as a tissue retractor and eliminates or reduces the need for other forms of retraction during surgical and diagnostic dental procedures.

The Integrated Lighted Oral Tissue Retractor is similar in shape to other oral surgery tissue retractors, suitable for retracting mucosal or periosteal tissue. It is meant to be hand held by the practitioner or an assistant during a dental procedure. It is especially unique in that it is designed to both retract tissue and illuminate the surgical field simultaneously.

This instrument will provide adequate light so that the need for overhead lighting can be eliminated or greatly reduced. The beam of light will be focused on the surgical field. This instrument will be especially valuable when working in non-conventional dental settings, such as remote locations where electricity is not reliable or is not available. Furthermore, it will also be suitable for use in conventional dental offices as an adjunct source of light when performing procedures that require extra illumination of the surgical field.

This instrument has LED lights, a hard plastic disposable sheath to cover a stainless steel base, replaceable coin batteries, and a handle made of non-slip materials.