

pulse oximeter sensor. The protective covering is a polypropylene, rubber, or similar material which is tapered from the large width at the entrance to the narrower width at the blind end. The protective covering is bilaminar in nature to contain a substantially rectangular pulse oximeter.

**Gregory D. Showalter,**

*Army Federal Register Liaison Officer.*

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**BILLING CODE 3710-08-M**

## DEPARTMENT OF DEFENSE

### Department of the Army

#### **Availability for Non-Exclusive, Exclusive, or Partially Exclusive Licensing of U.S. Patent Application Concerning Method for Monitoring Arterial Oxygen Saturation**

**AGENCY:** U.S. Army Medical Research and Materiel Command, DoD.

**ACTION:** Notice.

**SUMMARY:** In accordance with 37 CFR 404.6, announcement is made of the availability for licensing of U.S. Patent Application Serial Number 09/389,352 entitled "Method For Monitoring Arterial Oxygen Saturation" filed on September 9, 1999. Foreign rights are also available. This patent has been assigned to the United States Government as represented by the Secretary of the Army.

**ADDRESSES:** Commander, U.S. Army Medical Research and Materiel Command, ATTN: Command Judge Advocate, MCMR-JA, 504 Scott Street, Fort Detrick, Frederick, Maryland 21702-5012.

**FOR FURTHER INFORMATION CONTACT:** Ms. Elizabeth Arwine, Patent Attorney, (301) 619-7807 or telefax (301) 619-5034.

**SUPPLEMENTARY INFORMATION:** A method for taking reflectance oximeter readings within the nasal cavity and oral cavity and down through posterior pharynx. The method utilizes a reflectance plus oximeter sensor that is resistant to bodily fluids to contact one of these capillary beds for the taking of readings and then forwarding of these readings to an oximeter for display. The method includes inserting a reflectance pulse oximeter sensor into a cavity within a subject's skull and contacting a capillary bed in the cavity with the reflectance plus oximeter sensor.

**Gregory D. Showalter,**

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## DEPARTMENT OF DEFENSE

### Department of the Army

#### **Availability for Non-Exclusive, Exclusive, or Partially Exclusive Licensing of U.S. Patent Application Concerning Nasopharyngeal Airway With Reflectance Pulse Oximeter Sensor**

**AGENCY:** U.S. Army Medical Research and Materiel Command, DoD.

**ACTION:** Notice.

**SUMMARY:** In accordance with 37 CFR 404.6, announcement is made of the availability for licensing of U.S. Patent Application Serial Number 09/389,354 entitled "Nasopharyngeal Airway with Reflectance Pulse Oximeter Sensor", filed September 3, 1999. This patent has been assigned to the United States Government as represented by the Secretary of the Army.

**ADDRESSES:** Commander, U.S. Army Medical Research and Materiel Command, ATTN: Command Judge Advocate, MCMR-JA, 504 Scott Street, Fort Detrick, Frederick, Maryland 21702-5012.

**FOR FURTHER INFORMATION CONTACT:** Ms. Elizabeth Arwine, Patent Attorney, (301) 619-7808 or telefax (301) 619-5034.

**SUPPLEMENTARY INFORMATION:** A combined nasopharyngeal airway and pulse oximeter sensor capable of monitoring the posterior pharynx, posterior soft palate or nasal mucosa. The nasopharyngeal airway includes a thickened wall section over approximately one-third of its circumference. Pulse oximeter sensor elements may include a light source, which emits light at wavelengths around 660 nm (red) and around 940 nm (near infrared) and a light detector. The pulse oximeter sensor elements may be connected to a pulse oximeter monitor (spectrophotometer) or other external device for analysis.

**Gregory D. Showalter,**

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## DEPARTMENT OF DEFENSE

### Department of the Army

#### **Availability for Non-Exclusive, Exclusive, or Partially Exclusive Licensing of U.S. Patent Application Concerning Pulse Oximeter Sensor With a Combination Oropharyngeal Airway and Bite Block**

**AGENCY:** U.S. Army Medical Research and Materiel Command, DoD.

**ACTION:** Notice.

**SUMMARY:** In accordance with 37 CFR 404.6, announcement is made of the availability for licensing of U.S. Patent Application Serial Number 09/389,355 entitled "Pulse Oximeter Sensor With a Combination Oropharyngeal Airway and Bite Block," filed September 3, 1999. This patent has been assigned to the United States Government as represented by the Secretary of the Army.

**ADDRESSES:** Commander, U.S. Army Medical Research and Materiel Command, ATTN: Command Judge Advocate, MCMR-JA, 504 Scott Street, Fort Detrick, Frederick, Maryland 21702-5012.

**FOR FURTHER INFORMATION CONTACT:** Ms. Elizabeth Arwine, Patent Attorney, (301) 619-7808 or telefax (301) 619-5034.

**SUPPLEMENTARY INFORMATION:** A combined oropharyngeal airway/bite block having pulse oximeter sensor elements capable of monitoring the posterior pharynx, the soft palate, the hard palate, and the buccal surface. The oropharyngeal airway portion has a thickened wall to house the pulse oximeter sensor elements and provide sufficient material to form grooves in the distal end. The grooves are utilized when the invention is turned on its side to act as a bite block with the grooves engaging the teeth of the patient. The pulse oximeter sensor elements include a light source, which emits light at wavelengths of about 660 nm and about 940 nm, and a light detector. The pulse oximeter sensor elements are in communication with a spectrophotometer for analysis.

**Gregory D. Showalter,**

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**BILLING CODE 3710-08-M**