

## U.S. PATENT DOCUMENTS

5,566,067	10/1996	Hobson et al. .	
5,568,127	10/1996	Bang .	
5,570,698	11/1996	Liang et al. .	
5,573,013	11/1996	Conlan .	
5,585,785	12/1996	Gwin et al. .	
5,595,488	1/1997	Gozlan et al. .	
5,647,633	7/1997	Fukuoka .	
5,682,144	10/1997	Mannik .	
5,682,882	* 11/1997	Liebeman .....	600/544
5,689,241	11/1997	Clarke, Sr et al. .	
5,691,693	11/1997	Kithil .	
5,720,294	* 2/1998	Skinner .....	600/544
5,762,072	6/1998	Conlan et al. .	
5,911,581	* 6/1999	Reynolds et al. ....	434/236

## OTHER PUBLICATIONS

Eus J. W. Van Someren, "Actigraphic Monitoring of Movement and Rest-Activity Rhythms in Aging, Alzheimer's Disease, and Parkinson's Disease," IEEE Transactions on Rehabilitation Engineering, Dec. 1997, vol. 5, No. 4, pp. 394-398.

Timothy H. Monk et al., "A Parallelism between Human Body Temperature and Performance Independent of the Endogenous Circadian Pacemaker," Journal of Biological Rhythms, Apr. 1998, vol. 13, No.2, pp.113-122.

Yuhui Shi et al., "Using Artificial Neural Network for Sleep/Wake Discrimination from Wrist Activity: Preliminary Results," Proceedings of the 20<sup>th</sup> Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 1998, vol. 20, No. 3, pp. 1113-1115.

M.R. Rosekind et al., "Alertness Management in Long-Haul Flight Operations," Proceedings of the 39<sup>th</sup> Annual Corporate Aviation Safety Seminar, 1994, pp. 167-178 (printed from the NASA website).

Advertiser flyer for "The Actiwatch-Score," Cambridge Neurotechnology.

Advertiser flyer for "The Actiwatch Software," Cambridge Neurotechnology.

Advertiser flyer for "The Actiwatch and Actiwatch Plus," Cambridge Neurotechnology.

Cambridge Neurotechnology, printouts from company website at [HTTP://WWW.CAMNTECH.CO.UK/MAIN.HTML](http://WWW.CAMNTECH.CO.UK/MAIN.HTML), Sep. 18, 1998.

Thorne et al., "Plumbing Human Performance Limits During 72 Hours of High Task Load," Proceedings of the 24<sup>th</sup> DRG Seminar on the Human as a Limiting Element in Military Systems, Defense and Civil Institute of Environmental Medicine, pp. 17-40 (1983).

Newhouse et al., "The Effects of d-Amphetamine on Arousal Cognition, and Mood After Prolonged Total Sleep Deprivation," Neuropsychopharmacology, 1989, vol. 2, No. 2, pp. 153-164.

Dinges et al., "Cumulative Sleepiness, Mood Disturbance, and Psychomotor Vigilance Performance Decrements During a Week of Sleep Restricted to 4-5 Hours per Night," Sleep, 1997, vol. 20, No. 4, pp.267-277.

Hoddes et al., "Quantification of Sleepiness: A New Approach," Psychophysiology, Jul. 1973, vol. 10, No. 4, pp.431-436.

Johns et al., "Daytime Sleepiness, Snoring and Obstructive Sleep Apnea: Epworth Sleepiness Scale," Chest, Jan. 1993, vol. 103, No. 1, pp. 30-36.

Akerstedt et al., "Subjective and Objective Sleepiness in the Active Individual," International Journal of Neuroscience, 1990, vol. 52, pp. 29-37.

Penetar et al., "Amphetamine Effects on Recovery Sleep Following Total Sleep Deprivation," Human Psychopharmacology, 1991, vol. 6, pp. 319-323.

Fletcher et al., "A Predictive Model of Work-related Fatigue Based on Hours of Work," Journal of Occupational Health and Safety, 1997, vol. 13, pp.471-485.

Murray Johns, "Rethinking the Assessment of Sleepiness," Sleep Medicine Review, 1998, vol. 2, No. 1, pp. 3-15.

Mitler et al., "Methods of Testing Sleepiness," Behavioral Medicine, 1996, vol. 21, pp. 171-183.

Thomas et al., "Regional Cerebral Metabolic Effects of Prolonged Sleep Deprivation," NeuroImage, 1998, vol. 7, No. 4, p. S130.

Cole, et al., "Automatic Sleep/Wake Identification from Wrist Activity," Sleep, 1992 vol. 15, No. 5, pp.461-469.

Newhouse et al., "Stimulant Drug Effects on Performance and Behavior After Prolonged Sleep Deprivation: A Comparison of Amphetamine, Nicotine, and Deprenyl," Military Psychology, 1992, vol. 4, pp. 207-233.

\* cited by examiner