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Cover Legend: Edward Penfield (1866–1925). Ayer’s Cherry Pectoral, Cures Coughs & Colds, color metal relief print (poster), c. 1898. Child mortality as a result of respiratory disease was a scourge of the 19th century. Ayer’s Cherry Pectoral, produced in 1843, was one of the most popular patent medicines of the century. Aimed specifically at a younger population, Ayer’s Cherry Pectoral claimed to cure maladies such as whooping cough, influenza, croup, incipient consumption, and ordinary diseases of the ear, nose, and throat. Marketed as “the most reliable medicine that can be procured” and sold in antique bottles, it made the developer of the product, James Cook Ayer (1818–1878), a physician in Lowell, Massachusetts, the wealthiest manufacturer of patent medicines in the country. Claims of “magical effects” were attributed to a narcotic component, an opium derivative that was legal at the time and available over the counter without restrictions. Ayers hired Edward Penfield, Director of Harper’s Weekly and one of America’s leading illustrators, for advertising campaigns. Penfield’s unique style of simplified figures with bold outlines set in uncluttered settings immediately made his posters eye catching. The poster on our cover has a childlike appeal yet caught the attention of many parents as well. Judging from the date of the poster (1900), the patent medicine had a very long life indeed. Nowadays, thanks to the U.S. Food and Drug Administration (FDA), treatment of common respiratory symptoms is far better regulated. In this issue, we learn that the U.S. crew members on the International Space Station take common FDA-approved medications for pain, congestion, and allergy. Medication use for these symptoms was similar in space to that noted in adult ambulatory medicine…with no promiscuous opiates! Poster from the William H. Helfand Collection, 1989. Image courtesy of The Philadelphia Museum of Art/Art Resource, NY. Text by Ann Weissmann, fine arts editor.