ABSTRACT

Provided is an iontophoresis device including a non-working electrode assembly (40), a working electrode assembly (20) used to administer a drug ion by iontophoresis, a DC electric power source (12) connected to the non-working electrode assembly and the working electrode assembly with different polarities, in which the working electrode assembly includes at least working electrode (22) connected to the same polarity as that of the drug ions on the direct current power source and drug solution holding portions (28,32) electrically connected to this working electrode and holding a drug serving as the drug ions, the non-working electrode assembly includes at least a non-working electrode connected to a polarity opposite to that of the drug ions on the DC electric power source and an electrolyte solution holding portion electrically connected to the non-working electrode and holding an electrolytic solution, and at least one of the working electrode and the non-working electrode contains any one of a fibrous or net-like metal and chloride thereof. With the arrangement, the iontophoresis device can be used for a long time period.