

[ABSTRACT OF THE DISCLOSURE]

A method of electrochemically detecting a catalytic reaction product by confining the catalytic reaction product within a first lump of liquid 20 and by using a working electrode 40 disposed in the first lump of liquid 20 and a
5 counter electrode 50 disposed in a second lump of liquid 30, the catalytic reaction product being generated by progress of a catalytic reaction in the first lump of liquid 20, the first lump of liquid 20 and the second lump of liquid 30 being contained in a liquid bath 10, and the second lump of liquid 30 being in contact with the first lump of liquid 20 to form a liquid-liquid interface, the
10 method comprising: placing a retaining structure 90 in the liquid bath 10, the retaining structure allowing the first lump of liquid 20 to permeate and being able to retain the first lump of liquid 20; and allowing the catalytic reaction to progress and detecting the catalytic reaction product with the first lump of liquid 20 retained to the retaining structure.

15 FIGURE 1