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1017625.3 19 October 2010 (19.10.2010) GB(71) Applicant (for all designated States except US): **ISIS INNOVATION LIMITED** [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford OX2 7SG (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **COMPTON, Richard Guy** [GB/GB]; University of Oxford, Physical & Theoretical Chemistry Laboratory, South Parks Road, Oxford OX1 3QZ (GB). **REES, Neil Vaughan** [GB/GB]; University of Oxford, Physical & Theoretical Chemistry Laboratory, South Parks Road, Oxford OX1 3QZ (GB). **ALDOUS, Leigh** [GB/GB]; University of Oxford, Physi-cal & Theoretical Chemistry Laboratory, South Parks Road, Oxford OX1 3QZ (GB). **MARTINDALE, Benjamin Charles Michael** [GB/GB]; University of Oxford, Physical & Theoretical Chemistry Laboratory, South Parks Road, Oxford OX1 3QZ (GB).(74) Agent: **HARRISON GODDARD FOOTE**; 4th Floor, Merchant Exchange, 17-19 Whitworth Street West, Manchester M1 5WG (GB).

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(54) Title: ELECTROCHEMICAL DETECTION METHOD

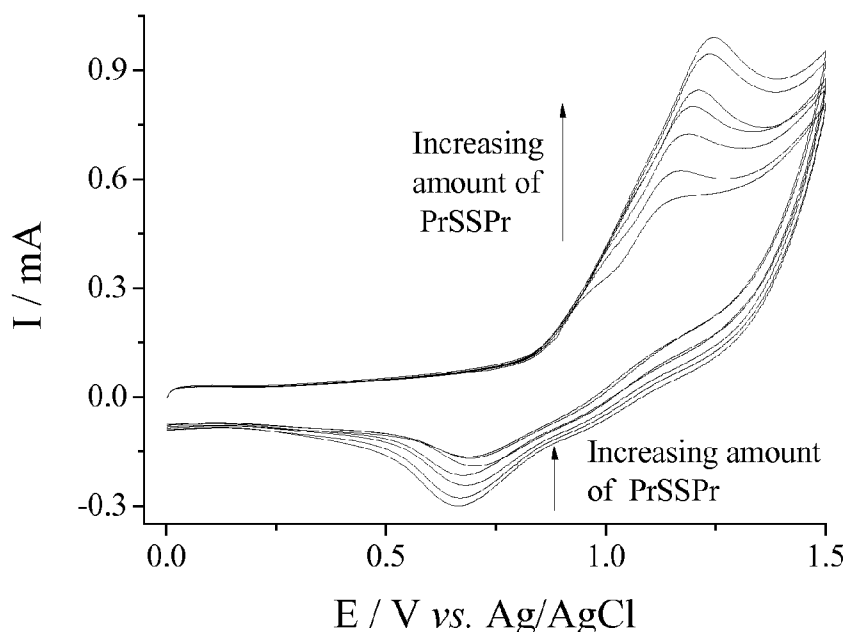


Figure 2

(57) Abstract: The present invention provides an electrochemical sensor and method for detecting and quantifying disulphides present in a sample. The present invention also provides a kit for detecting and quantifying disulphides in a sample. The present invention makes use of a mediator compound, such as a bromide or an iodide, which is capable of being converted into an oxidised form at the working electrode which then reacts with any disulphides present in the sample to regenerate the mediator.



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