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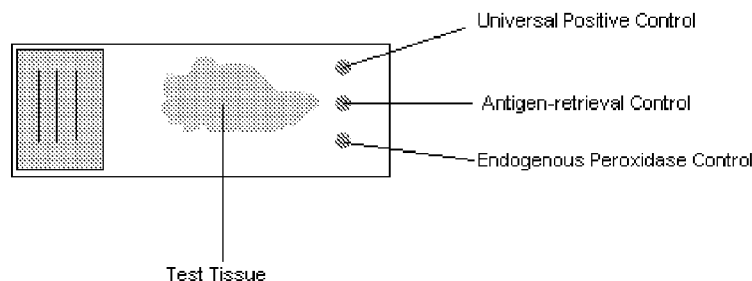
— with international search report (Art. 21(3))

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

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17 September 2009

(54) **Title:** QUALITY CONTROL CELL DEVICE FOR IMMUNOHISTOCHEMISTRY ASSAY AND METHODS OF USE THEREOF



**FIG. 4**

(57) **Abstract:** Disclosed herein is a quality control device for an immunohistochemistry assay. The quality control device can include a membrane with a first surface and a quality control sample, such as a cell pellet section. The quality control sample can be immobilized on a detachable surface that allows the quality control sample to be removed and subsequently adhered to a second surface. In an example, the quality control sample includes control cells, such as universal positive control cells. Methods are also provided for preparing and using a quality control device. For example, the methods can include immobilizing a quality control sample on a first surface, whereby the quality control sample includes a cell pellet section and the first surface is a detachable surface.



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## INTERNATIONAL SEARCH REPORT

International application No.  
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 8 as above

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975  
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS (KIPO internal), Google, NCBI PubMed (immunohistochemistry, quality, control, detachable, membrane and similar terms)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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X	WO 00/62064 A2 (CYTOLOGIX CORPORATION) 19 October 2000. See the whole document, especially abstract, claims 1, 3, 5, and figures 1-3.	1-3, 16-23
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A	J. PACKEISEN, et al. 'Tissue microarray: a new approach for quality control in immunohistochemistry.' In Journal of Clinical Pathology Vol.55:613-615 (2002). See the whole document, especially abstract, figure 1.	1-3, 16-23
A	WO 91/05263 A1 (CITY OF HOPE) 18 April 1991. See the whole document, especially abstract, claim 1.	1-3, 16-23
A	US 2005/0003458 A1 (M. MOORE, et al.) 06 January 2005. See the whole document, especially abstract, claim 1.	1-3, 16-23
A	US 5,846,749 (D. J. SLAMON; M. F. PRESS) 08 December 1998. See the whole document, especially abstract, claim 3.	1-3, 16-23

 Further documents are listed in the continuation of Box C. See patent family annex.

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Information on patent family members

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