Abstract: The present application discloses methods and tools for collecting cells to screen for disease, such as cancer. In one method of screening for a disease a flush fluid is injected into a human cavity, such as a uterus. The flush fluid and entrained cells from the cavity are withdrawn from the cavity and collected. The intermixed cells may be separated from the fluid and analyzed to determine whether the cells have a characteristic that is indicative of the presence of a disease. One tool for applying and withdrawing a fluid includes a nozzle, a screening fluid supply and fluid withdrawal mechanism. The nozzle includes an inlet port and an outlet port. The screening fluid supply supplies a screening fluid through the outlet port. The withdrawal mechanism withdraws fluid through the outlet port.
Date of publication of the international search report:
23 April 2009
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC: A61B 5/00(2006.01), 10/00(2006.01), B65D 81/00(2006.01)

USPC: 600/563,571,573,575
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)
U.S.: 600/563,571,573,575

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

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>US 2006/0121477 A1 (HOCHBERG et al) 09 June 2006 (09.06.2006), paragraph 0035,</td>
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Further documents are listed in the continuation of Box C. See patent family annex.

*S* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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Date of the actual completion of the international search
29 July 2008 (29.07.2008)

Date of mailing of the international search report

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