**Title:** INTERACTING WITH DATA IN HIDDEN STORAGE

**Abstract:** Unused storage space within a data storage is utilized to store data while effectively making it appear to the operating system, other programs, and the user that the space is still available or unused. The space used to store the hidden data remains available for use by the operating system, other programs and uses upon a request. File system requests are monitored such that the hidden storage area remains hidden from unauthorized processes as well as to restrict operations within the hidden storage area that are attempted by unauthorized processes.
Published: with international search report (Art. 21(3))

(88) Date of publication of the international search report:

29 September 2011
INTERNATIONAL SEARCH REPORT

A.  CLASSIFICATION OF SUBJECT MATTER

G06F 9/06(2006.01)i, G06F 9/44(2006.01)i

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)
G06F 9/06; G06F 17/30; G06F 13/38; G06F 12/00

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
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: data storage, hidden storage area, hiding directory, create file request;

C.  DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<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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<tbody>
<tr>
<td>A</td>
<td>US 2007-0050326 A1 (BHAVESH DHANJI BUDHABHATTI et al.) 01 March 2007&lt;br&gt;See the abstract, claims 1-13 and figures 1-3.</td>
<td>1-20</td>
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<td>A</td>
<td>US 2008-0168247 A1 (GOODWILL WILLIAM PRESTON et al.) 10 July 2008&lt;br&gt;See the abstract, claims 1-20 and figures 1-4.</td>
<td>1-20</td>
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<td>A</td>
<td>US 2007-0186124 A1 (MARTIN STREIBL et al.) 09 August 2007&lt;br&gt;See the abstract, claims 1-30 and figures 1-5.</td>
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Further documents are listed in the continuation of Box C.  

See patent family annex.

* Special categories of cited documents:
  "A" document defining the general state of the art which is not considered to be of particular relevance
  "E" earlier application or patent but published on or after the international filing date
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  "D" document referring to an oral disclosure, use, exhibition or other means
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  "&" document member of the same patent family

Date of the actual completion of the international search
30 MAY 2011 (30.05.2011)

Date of mailing of the international search report
30 MAY 2011 (30.05.2011)

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<tr>
<td>US 2007-0050326 A1</td>
<td>01.03.2007</td>
<td>CN 100418090 C</td>
<td>10.09.2008</td>
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<td>CN 1924851 A</td>
<td>07.03.2007</td>
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