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(54) Title: CLOUD SERVICE ENABLED TO HANDLE A SET OF FILES DEPICTED TO A USER AS A SINGLE FILE IN A NATIVE OPERATING SYSTEM

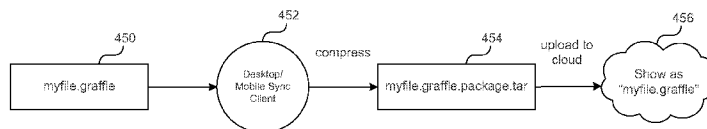


FIG. 4D

(57) Abstract: Systems and methods method enabling file actions to be performed on a folder structure in a cloud-based service are disclosed. In one aspect, embodiments of the present disclosure include a method, which may be implemented on a system, for representing the folder structure in a user interface to the cloud-based service as a file and enabling file actions to be performed on file representing the folder structure in the user interface to the cloud-based service. In one embodiment, the folder structure and associated content is stored on a server which provides the cloud-based service in a compressed file format which is able to preserve the metadata associated with the folder structure which indicates its representation as the file in the user interface.

A. CLASSIFICATION OF SUBJECT MATTER**G06F 3/048(2006.01)i, G06F 15/16(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 3/048; G06F 15/16; G06F 9/44; G06F 17/30; G06F 7/00; G06F 15/167; G06Q 10/00; G09G 5/00; H04W 4/18

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: folder, file, hierarchy, cloud, web-based, server, compress, format, identifier, interface, enterprise, upload, download

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2011-0055299 A1 (ROBERT PHILLIPS) 03 March 2011 See paragraphs [0005], [0012], [0029], [0073]-[0130], [0242], [0249]-[0262], [0289], [0355]; and figures 1, 26A, 30.	1-4, 7, 11-12, 15-16, 20, 25
Y		13-14, 19
A		5-6, 8-10, 17-18, 21-24, 26-30
Y	US 2010-0333116 A1 (ANAND PRAHLAD et al.) 30 December 2010 See paragraphs [0108], [0112], [0142], [0150]-[0153], [0168], [0324], [0365]; and figures 5A-5B.	13-14, 19
A	US 2004-0111415 A1 (PATRICIA SCARDINO et al.) 10 June 2004 See paragraphs [0001], [0005], [0013]-[0020], [0022]-[0023]; and figures 1-4.	1-30
A	US 2011-0238458 A1 (JOSHUA L. PURCELL et al.) 29 September 2011 See paragraphs [0001], [0022], [0030]-[0072]; and figures 2-3.	1-30
A	US 2012-0064879 A1 (FABIEN PANEI) 15 March 2012 See paragraphs [0003], [0006]-[0007], [0022]-[0023], [0029]-[0032], [0037], [0042], [0075]-[0077]; and figure 1.	1-30

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

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family


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Information on patent family members

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