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(54) Title: METHODS AND SYSTEMS FOR DISPLAYING, ON A FIRST MACHINE, DATA ASSOCIATED WITH A DRIVE OF A SECOND MACHINE, WITHOUT MAPPING THE DRIVE

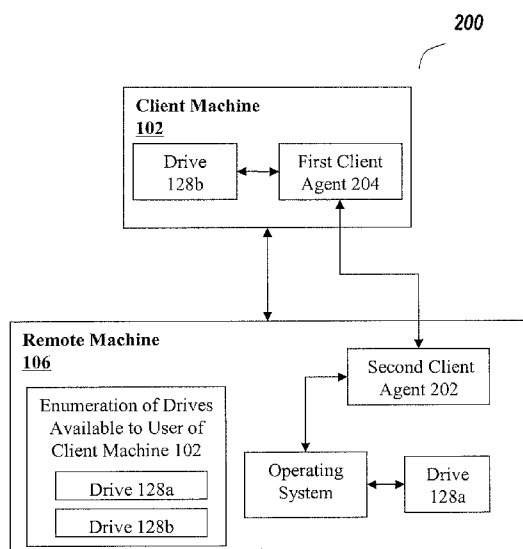


Fig. 2

(57) Abstract: Methods and systems for displaying data associated with a client drive of a client computing device in a virtualized desktop executing on a remote computing device without explicitly mapping the client drive onto the remote computing device are described. A first client agent executing on a client computing device establishes a user session with a remote computing device. The first client agent transmits data identifying the client drive of the client computing device to a second client agent executing on the remote computing device. The second client agent receives data associated with the client drive and generates a shell link using the received data associated with the client drive in the context of the user session. The second client agent displays the data associated with the client drive of the client computing device in a virtualized desktop executing on the remote computing device.



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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: virtual, remote, display

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2009-0254843 A1 (DAVID VAN WIE et al.) 08 October 2009 See [0007] - [0331].	1-20
A	US 2005-0071319 A1 (EDWARD, E. KELLEY et al.) 31 March 2005 See [0017] - [0070].	1-20
A	US 2003-0197733 A1 (ROBERT, E. BEAUCHAMP et al.) 23 October 2003 See [0014] - [0151].	1-20
A	US 2007-0260702 A1 (DAVID RICHARDSON et al.) 08 November 2007 See [0006] - [0081].	1-20

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2009-0254843 A1	08.10.2009	EP 2279472 A2 KR 10-2010-0136996 A US 2009-0254842 A1 US 2009-0288007 A1 WO 2009-146130 A2 WO 2010-083119 A2 WO 2011-016967 A2	02.02.2011 29.12.2010 08.10.2009 19.11.2009 03.12.2009 22.07.2010 10.02.2011
US 2005-0071319 A1	31.03.2005	US 2008-0195518 A1 US 2008-0195592 A1 US 2008-0216070 A1 US 2008-0235145 A1 US 7401068 B2 US 7921122 B2 US 7949664 B2 US 7970774 B2 US 7970775 B2	14.08.2008 14.08.2008 04.09.2008 25.09.2008 15.07.2008 05.04.2011 24.05.2011 28.06.2011 28.06.2011
US 2003-0197733 A1	23.10.2003	US 6621505 B1 US 6990636 B2	16.09.2003 24.01.2006
US 2007-0260702 A1	08.11.2007	None	