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(71) Applicant (for all designated States except US): MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, Washington 98052-6399 (US).

(72) Inventors: ABDU, Nadim Y.; c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, Washington 98052-6399 (US). DROR, Asael; c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, Washington 98052-6399 (US). SCHMIEDER, Wilhelm R.; c/o Microsoft Corporation,

LCA - International Patents, One Microsoft Way, Redmond, Washington 98052-6399 (US).

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[Continued on nextpage]

(54) Title: GRAPHICS REMOTING USING AUGMENTATION DATA

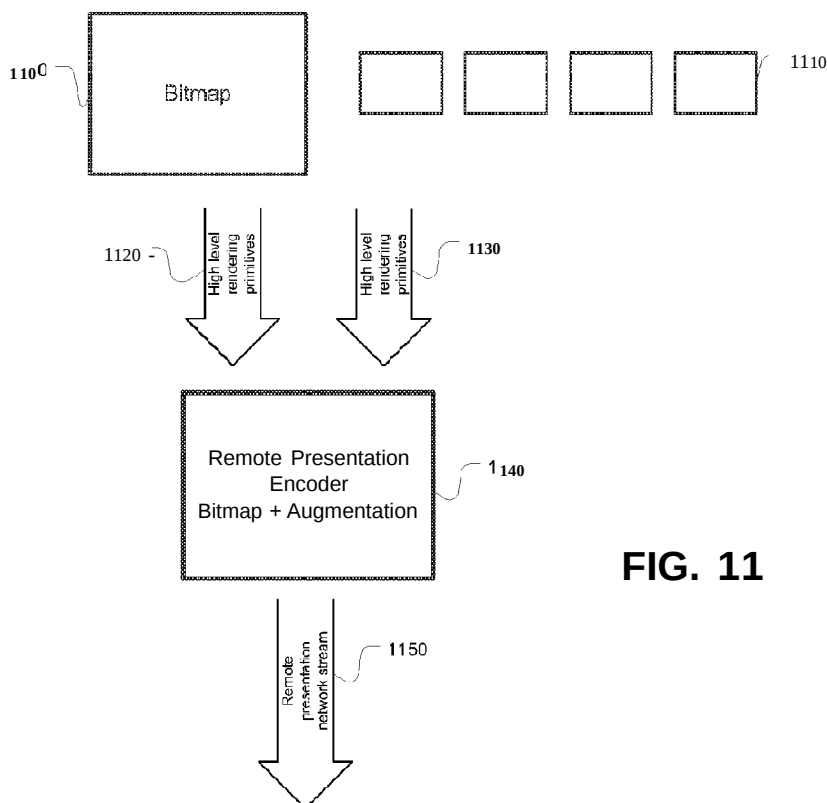


FIG. 11

(57) Abstract: Methods and systems are disclosed in which bitmap data transmission is improved by using some of the advantages of primitive remoting, thus allowing for the reduction of the bandwidth and processing needed to remote a virtual desktop experience. In an embodiment, rendering is performed and bitmaps are remoted, but metadata comprising shortcuts or hints are provided to assist in the rendering of the bitmap data.

Declarations under Rule 4.17:

- | | |
|---|--|
| — as to applicant's entitlement to apply for and be granted a patent (Rule 4.1 7(H)) | — 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)) |
| — as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.1 7(Hi)) | (88) Date of publication of the international search report: |
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INTERNATIONAL SEARCH REPORT

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PCT/US2011/023800**A. CLASSIFICATION OF SUBJECT MATTER****G06F 9/06(2006.01)i, G06F 15/16(2006.01)1**

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 17/00; H05K 7/10; G06F 13/16; G06F 13/00; G09G 5/00

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 transmission, primitive remoting, graphics, augmentation data;

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005-0091571 A1 (IVAN LEICHTLING) 28 April 2005 See the abstract, claims 1-27 and figures 1-11.	1-10
A	US 2005-0165992 A1 (WILLIAM SAUBER) 28 July 2005 See the abstract, claims 1-40 and figures 1-4.	1-10
A	US 6731295 B1 (MACINNIS ALEXANDER G. et al.) 04 May 2004 See the abstract, claims 1-23 and figures 1-37.	1-10
A	US 2002-0015055 A1 (JAMES L. FORAN) 07 February 2002 See the abstract, claims 1-11 and figures 1-8.	1-10



Further documents are listed in the continuation of Box C.



See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

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Authorized officer

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