

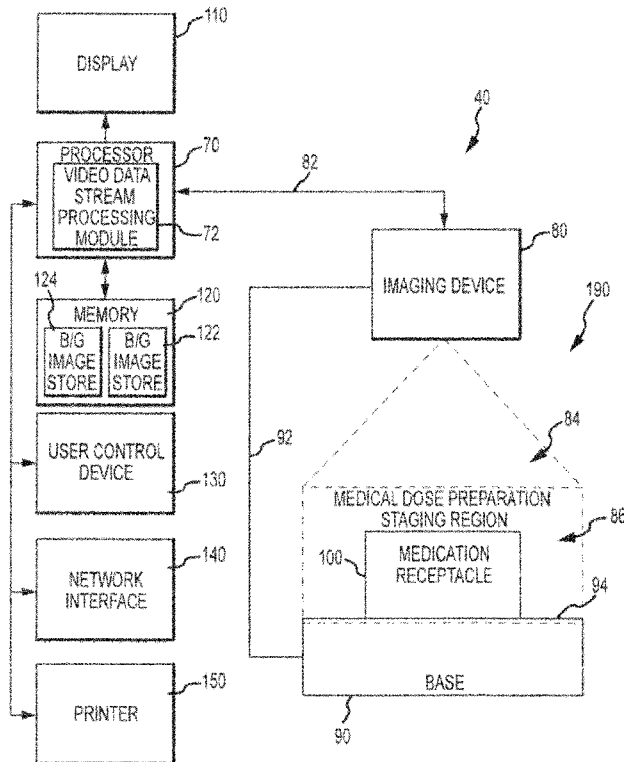


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[Continued on next page]

(54) Title: IMPROVED IMAGE ACQUISITION FOR MEDICAL DOSE PREPARATION SYSTEM



(57) Abstract: Use of improved image acquisition for a medical dose preparation system. The medical dose preparation system may include a work station for capturing medical dose preparation images (e.g., to document preparation of a medication dose). The medical dose preparation image may be captured by a video data stream processor capable of performing an auto cropping technique on a video data stream received from an image device. Accordingly, memory resources may be more efficiently employed while maintaining high quality medical dose preparation images.



**Declarations under Rule 4.17:**

— *of inventorship (Rule 4.17(iv))*

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— *with international search report (Art. 21(3))*

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**A. CLASSIFICATION OF SUBJECT MATTER****A61M 5/168(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)

A61M 5/168; H04N 7/18; A61M 5/00; G06F 17/30; G06Q 50/00; A61M 1/00; G06K 9/00; G06Q 10/00

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) &amp; Keywords: medical dose preparation, dosage, image, video, scan, label, capture, display

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010-0094653 A1 (TRIBBLE, D. et al.) 15 April 2010 See abstract; claims 2, 7-8; figures 7-8.	1-3, 23-25
A	US 5651775 A (WALKER, R. B. et al.) 29 July 1997 See abstract; claim 1; column 5, lines 3-19; figure 1.	1-3, 23-25
A	US 7499581 B2 (TRIBBLE, D. et al.) 3 March 2009 See abstract; claim 1; column 8, lines 1-25; figure 2.	1-3, 23-25
A	US 2007-0239482 A1 (FINN, J. T. et al.) 11 October 2007 See abstract; claim 1; paragraph [0021]; figure 1.	1-3, 23-25
A	US 2011-0267465 A1 (ALEXANDER, E. H. et al.) 3 November 2011 See abstract; claim 1; paragraph [0069]; figure 2.	1-3, 23-25

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

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/US2013/032497**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2010-0094653 A1	15/04/2010	US 8554579 B2 WO 2010-045132 A2 WO 2010-045132 A3	08/10/2013 22/04/2010 22/07/2010
US 5651775 A	29/07/1997	US RE038189 E1	15/07/2003
US 7499581 B2	03/03/2009	US 2006-0178578 A1 WO 2006-086222 A2 WO 2006-086222 A3	10/08/2006 17/08/2006 23/04/2009
US 2007-0239482 A1	11/10/2007	WO 2007-047138 A1	26/04/2007
US 2011-0267465 A1	03/11/2011	None	