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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/506,208	04/04/2012	Ji Shen	PIT-114US	3359
23122 RATNERPRES	7590 11/06/201 STIA	2	EXAM	IINER
P.O. BOX 980	CE DA 10402 0000	RUST, ERIC A		
VALLEY FORGE, PA 19482-0980			ART UNIT	PAPER NUMBER
			2674	
			MAIL DATE	DELIVERY MODE
			11/06/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



		Application No.	Applicant(s)			
Office Action Summary		13/506,208	SHEN ET AL.			
		Examiner	Art Unit			
		ERIC A. RUST	2674			
.	The MAILING DATE of this communication app	ears on the cover sheet with the c	orrespondence address			
Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
Status						
1) 🖂	Responsive to communication(s) filed on <u>26 Secondary</u>	eptember 2012.				
		action is non-final.				
3)	An election was made by the applicant in response to a restriction requirement set forth during the interview on					
	; the restriction requirement and election have been incorporated into this action.					
4)	Since this application is in condition for allowar	nce except for formal matters, pro	secution as to the merits is			
	closed in accordance with the practice under \boldsymbol{E}	Ex parte Quayle, 1935 C.D. 11, 45	53 O.G. 213.			
Dispositi	ion of Claims					
5)🛛	5) Claim(s) 1-20 is/are pending in the application.					
	5a) Of the above claim(s) is/are withdrawn from consideration.					
6)	6) Claim(s) is/are allowed.					
7) 🔀	7) Claim(s) 1-2 and 4-20 is/are rejected.					
8)	8) Claim(s) is/are objected to.					
9)	Claim(s) are subject to restriction and/o	r election requirement.				
* If any claims have been determined <u>allowable</u> , you may be eligible to benefit from the Patent Prosecution Highway program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov .						
Applicati	ion Papers					
10)	The specification is objected to by the Examine	r.				
11) ☐ The drawing(s) filed on <u>26 September 2012</u> is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
Priority u	ınder 35 U.S.C. § 119					
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 						
Attachment(s)						
1) Notic	e of References Cited (PTO-892)	3) Interview Summary				
	Paper No(s)/Mail Date Paper No(s)/Mail Date Other: Paper No(s)/Mail Date					

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Office Action Summary

Part of Paper No./Mail Date 20121031



Application/Control Number: 13/506,208 Page 2

Art Unit: 2674

DETAILED ACTION

1. Claims 1-20 are pending in this application.

Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 1-2 and 4-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Application Publication No. 2006/0012830 A1 to Aiso in view of U.S. Patent No. RE42,898 E to Shimizu et al. (hereinafter, Shimizu).

In regard to claim 1, Aiso discloses a method of acquiring an image of a target to provide an output video image comprising a plurality of frame images, the method comprising: connecting a slave digital image sensing unit to a master personal processor, the master personal processor receiving a series of frame images from the slave digital image sensing unit (Aiso, Abstract, and Fig. 7);

displaying and/or storing the manipulated series of frame images as an output video image without changing resolution of the output frame images (Aiso, Abstract, Fig. 7, and [0043]),

wherein the slave digital image sensing unit is removably connected to the master personal processor via a master personal processor port (Aiso, [0043]).



Application/Control Number: 13/506,208 Page 3

Art Unit: 2674

Aiso does not disclose using the master personal processor to manipulate the series of frame images, including zooming in or out without changing resolution of the frame images.

Shimizu, however, discloses manipulating images, including zooming in or out without changing resolution of the frame images (Shimizu, col. 5, lines 30-51, preserve zoom image with same size and resolution).

It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the disclosure of Shimizu with the disclosure of Aiso in order to preserve output images to the same size and resolution to the standard angle view (Shimizu, col. 5, lines 30-51).

In regard to claim 2, which depends from claim 1, neither Aiso nor Shimizu disclose executing the manipulation in response to a user request in real time.

The Examiner, however, takes Official Notice that executing the manipulation in response to a user request in real time is well known and expected in the art, and it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the cited references for such.

One of ordinary skill in the art would have been motivated to modify the cited references in such a way so as to give the user more options.

In regard to claim 4, which depends from claim 3, Aiso discloses wherein the personal processor is housed in an external personal computer, further comprising



Application/Control Number: 13/506,208 Page 4

Art Unit: 2674

using an external personal computer to provide the processor used to manipulate the series of frame images (Aiso, Fig. 1 and Fig. 3).

In regard to claim 5, which depends from claim 4, Aiso discloses wherein the manipulation further comprises at least one of the operations selected from the group consisting of: re-sizing the image; panning the image in a selected direction; rotating the image in a selected direction and annotating the image (Aiso, Fig. 3, correct positional shift).

4. Claims 6-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Aiso and Shimizu in view of U.S. Patent Application Publication No. 2005/0177783 A1 to Agrawala et al. (hereinafter, Agrawala).

In regard to claim 6, which depends from claim 5, neither Aiso nor Shimizu disclose wherein annotating an image is conducted during re-sizing the image.

Agrawala, however, discloses wherein annotating an image is conducted during re-sizing the image (**Agrawala**, [0043] – [0043]).

It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the disclosure of Agrawala with the disclosure of Shimizu and Aiso in order to enable the user to add annotations similar in size to the existing document information (Agrawala, [0042]).



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