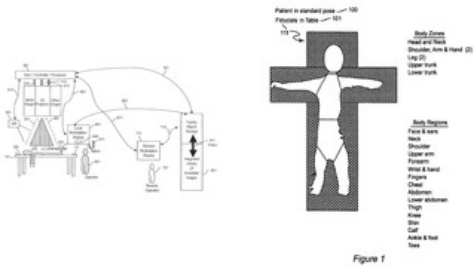
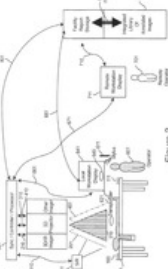
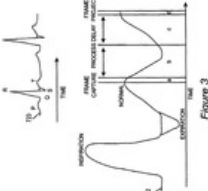
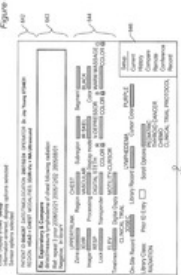
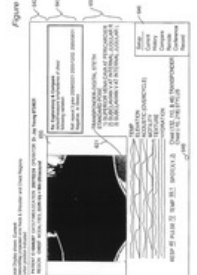
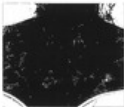
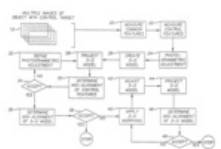
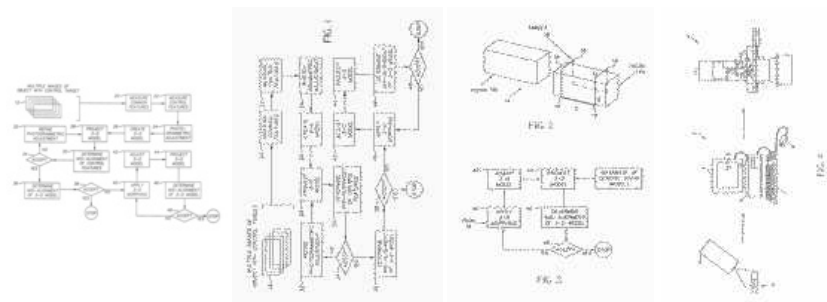


3 results for Cited Patents In category X or Y - Collection: FAMPAT

#		Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date	Publ. date
1.		System and method for using three dimensional infrared imaging to identify individuals	WO2008130907	2008-04-15	MIKOS*	2008-10-30	2008-10-30
Calibrated infrared and range imaging sensors are used to produce a true-metric three- dimensional (3D) surface model of any body region within the fields of view of both sensors. Curvilinear surface features in both modalities are caused by internal and external anatomical elements. They are extracted to form 3D Feature Maps that are projected onto the skin surface. Skeletonized Feature Maps define subpixel intersections that serve as anatomical landmarks to aggregate multiple images for models of larger regions of the body, and to transform images into precise standard poses. Features are classified by origin, location, and characteristics to produce annotations that are recorded with the images and feature maps in reference image libraries. The system provides an enabling technology for searchable medical image libraries.							
         							
2.		Method and system for creating dental models from imagery	EP1276072	2001-06-28	CARESTREAM DENTAL* CARESTREAM DENTAL TECHNOLOGY TOPCO* CARESTREAM HEALTH FRANCE* KODAK QUANTUM MEDICAL* QUANTUM MEDICAL IMAGING* RAYCO MEDICAL PRODUCTS* TROPHY DENTAL*	2003-01-15	2003-01-15

Creating a dental model from a series of images of an intra-oral object includes the steps of (a) capturing a series of images of an intra-oral object from a plurality of capture positions, where the object includes common surface features and a control target arranged with respect to the object to provide control features; (b) measuring the common features from the series of images of the object and the control features from the control target imaged with the images of the object; (c) analytically generating a 3-dimensional model of the object by photogrammetrically aligning the measurements of the control features, thereby reducing image errors due to the variability of the capture positions; and (d) adjusting the photogrammetrically aligned 3-dimensional model of the object by aligning the common features of the model to like features on the image of the object, thereby producing an aligned dental model from the series of images. <IMAGE>



The present invention provides a dimensional headsreen by a novel use of LCD video image projection wherein a means is provided for creating said headsreen having such shape, color, and likeness that when used in combination with rear image projection techniques produces a life-like video mannequin whose appearance is strikingly similar to that of the original model (40). The process including the steps of recording by use of real time video recording (38) which allows for alignment, transferring the recorded images onto a sculpture stand for distance correction, and placing clay directly onto the sculpture stand wherein the clay can be molded to replicate said image of said model. From the clay a headsreen (47) having a colored surface induced for diffusion of light on which images are projected for viewing and a means for coating the outer surface thereof for further reducing light reflection from external indirect sunlight.

