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PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

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INVENTOR(S)					
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<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> separately numbered sheets attached hereto					
TITLE OF THE INVENTION (280 characters max) Photo Journal User Interface					
Direct all correspondence to: CORRESPONDENCE ADDRESS					
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ENCLOSED APPLICATION PARTS (check all that apply)					
<input checked="" type="checkbox"/> Specification		Number of Pages		147	
<input checked="" type="checkbox"/> Drawing(s)		Number of Sheets		38	
<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		<input type="checkbox"/> CD(s), Number			
		<input type="checkbox"/> Other (specify)			
METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		<input type="checkbox"/> A check or money order is enclosed to cover the filing fees		FILING FEE AMOUNT (\$)	
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge filing fees or credit any overpayment to Deposit Account Number:		50-0689		75.00	
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.					
<input checked="" type="checkbox"/> No.					
<input type="checkbox"/> Yes, the name of the U.S. Government agency and the Government contract number are: _____					

Respectfully submitted,

SIGNATURE *Walstein Bennett Smith III*

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TELEPHONE 512-869-2068

Date 10/31/01

REGISTRATION NO. (if appropriate) 36,685

Docket Number: Fo.2001.08

USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

This collection of information is required by 37 CFR 1.51. The information is used by the public to file (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Provisional Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

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Additional Page

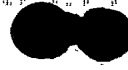
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Summary

The present invention teaches a graphical user interface for digital photo management that enhances and greatly simplifies the organization and management of digital photographs. This interface will be referred to herein as "Photo Journal" or occasionally "PJ", and includes specialized windows, displays, views, menus, dialogs, and tools (e.g. specialized viewers and editors), as well as an overall scheme for integration and cooperation between multiple windows, displays, views, menus, and dialogs. Photo Journal includes optimized techniques for photo sharing, user-transparent handling of diverse print destinations, user-transparent handling of multiple variations of a single image, and user-transparent adaptation for new and diverse services and Internet-based vendor services. Photo Journal further includes database methods and structures (e.g., specialized tags, media objects, and metadata), tagging methods, search methods, and network interfacing.

Photo Journal provides a means ("tagging") for associating fields of text and numeric data ("metadata") with individual images or photos, and provides database functionality for selecting, sorting and organizing the images based on the values in those fields. The invention additionally teaches a simple, graphical means for the user to perform all the above mentioned functions – associating tags with an image, selecting certain images based on their metadata, organizing images and sets of images together. Further, the invention teaches a single interface that provides other photo management functions in a manner consistent with the photo organization functions

above. These photo management functions include photo printing, importing photos from devices, and sharing photos with friends, family members and colleagues.

The following paragraphs describe an overview of typical operation of the Photo Journal interface.

Photo Journal allows you to:

- Organize your photos by putting tags on them, like post-it notes with information about each photo. Then you can find all the photos with any tag, or combination of tags. Unlike album- and folder-oriented approaches, you organize by putting tags on photos, not by putting photos into albums or folders. This is a much more powerful approach, since it allows each photo to be found in many ways by putting multiple tags on it.
- Find photos by dragging tags into the Lens in the Finder (the horizontal pane at the top of the window). You can further refine your search by narrowing the time using the timeline or adding search criteria using the pop-up menu above the lens.
- To view, print, share, or do anything else with a set of photos, first find the photos of interest using the Finder, then select the desired action from the *File*

menu or from the action buttons at the top of the image area. The Finder lets you easily find photos with any tag or combination of tags, and with other constraints such as a specific date range.

You can get information about most items by pointing to them with the mouse and letting the cursor rest there for a moment ("hovering").

The Photo Journal interface is divided into four major components, illustrated in Figs. 9A and 9B. In these and many of the other figures, numbered geometric shapes are used to facilitate illustration. Those skilled in the art will understand that these geometric shapes are used as surrogates for the color photos that would actually be presented by the graphical user interface.

- The image area. This is the where photos are shown, either one at a time or in a grid of thumbnails. With the other panes closed, the image area occupies almost all of the screen. In the illustrative embodiment, panes never cover images; the image area is automatically resized to make room for any open panes.
- The Finder pane or drawer, which when open occupies a horizontal stripe at the top of the window. This pane includes the timeline, the lens for searching, the system analysis pop-up list, and various status indications.

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