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### 4.1 Image Viewing and Manipulation

The screenshot below shows the Tiff Image Server in use, viewing one of the sample documents. The table below describes the actions available.

The screenshot shows a web browser window displaying a patent document. The address bar shows the URL: [http://localhost/dev/ts/120/aquatiff.asp?at\\_url=samples/single\\_page\\_tiffs&at\\_dstart=1...](http://localhost/dev/ts/120/aquatiff.asp?at_url=samples/single_page_tiffs&at_dstart=1...). The browser interface includes a menu bar (File, Edit, View, Favorites, Tools, Help) and a toolbar with various navigation and viewing tools. The main content area displays the patent document for US 6,409,467 B1, titled "United States Patent Gutterman". The document includes a barcode, a title, a patent number, a date of patent, and a list of references cited. The references cited section lists several U.S. Patent Documents, including 2,616,506 A, 3,720,840 A, 3,876,925 A, 3,883,750 A, 4,012,163 A, 4,516,907 A, 11/1952 Mathis, 3/1973 Gregg, 4/1975 Stoekert, 5/1975 Uzzell, Jr., 3/1977 Baumgartner et al., and 5/1985 Edwards. The document also includes a list of references cited, a primary examiner (John E. Ryznic), and an abstract. The abstract describes a wind-generated power system for producing supplemental electrical power from wind-producing resource. The document includes 7 Claims and 2 Drawing Sheets. The drawing sheets are displayed in a vertical stack on the left side of the browser window, with the first sheet showing a cross-sectional view of the power system and the second sheet showing a top-down view of the system. The browser window also shows a status bar at the bottom with various icons for file operations and navigation.

## 4.2 Document Viewer Facilities

ICON	DESCRIPTION	ICON	DESCRIPTION
	Goto Next Page.		Resize the image "fit to window"
	Goto Previous Page.		Resize the image "fit to width"
	Goto Next Document		Show Thumbnail display
	Goto Previous Document		Show Thumbnails to the Left of Main Image
	Rotate the image left 90 degrees.		Show Two Page Display
	Rotate the image right 90 degrees.		Show Single Page Display.
	Invert The Image		Open In Full Window.
	Shrink The Image		Convert to PDF and display in a new window.
	Enlarge The Image		Zoom in on selection. (IE only)
	Pan Image. (IE only)		Print document.
	Print zoomed selection.		

## 4.3 Document Printing

Whilst single pages can be printed from within the browser, printing or saving a document is best achieved by using the print function within the viewer – note that this function generates a PDF version of the document to a hidden frame and invokes the print function from there, so is reliant upon the Acrobat reader being available on the client PC.

## 4.4 Document Saving

Saving a document is best achieved by using the PDF function to convert the document to PDF and saving from there.

## 4.5 Emailing Documents

Once the document is displayed within the Acrobat Reader, it may be emailed by using the browser's send page button.

