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a display for displaying images;  
 a form definition data structure for storing data representing said scanned data entry form;  
 a memory for storing a set of form definition procedures for defining an electronic computer-based data entry form, responsive to user commands, said form definition procedures including  
 an imaging procedure for displaying on said display at least a portion of said scanned data entry form;  
 a region definition procedure for enabling a user to indicate regions of said displayed data entry form; and  
 object definition procedures for enabling said user to define a multiplicity of objects, said objects corresponding to ones of said regions and including form sections, text boxes; and checkbox buttons, and for specifying properties of said defined objects;  
 said specified properties including (A) links for linking selected ones of said defined objects to respective specified fields in said database; and (B) exclusionary relationships for specifying which of said objects cannot be selected by end users when specified others of said objects have previously been selected by said end users; and  
 said object definition procedures storing in said definition data structure form definition data corresponding to said user defined objects and user specified object properties; and  
 a data processing unit for executing said stored form definition procedures;  
 wherein said electronic computer based data entry form is suitable for repeated use for specifying data to be stored in said database;  
 said form definition procedures including:  
 color recognition procedures for utilizing said color information, said color recognition procedures automatically defining ones of said objects to correspond to color demarcated regions of said scanned data entry form and specifying ones of said properties of said objects based on said color information.

**10.** The system of claim **9**,  
 said color recognition procedures including a text label definition procedure, invoked automatically when defining an object corresponding to a region of said scanned data entry form demarcated by a predefined color, for performing image to text conversion in said demarcated region so as to generate a text label for said automatically defined object; and  
 said electronic computer based data entry form generated by said form definition procedures including at least a portion of said digitized representation of said paper based data entry form.

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**11.** A method of facilitating the conversion of paper based data entry forms to fully reusable electronic computer based data entry forms for specifying data to be stored in a database, said database storing data in records each having a plurality of fields, said method comprising, comprising:  
 scanning an existing data entry form so as to generate a digitized representation of said data entry form, and storing said digitized representation of said data entry form in a computer memory, said digitized representation including color information;  
 displaying on a display at least a portion of said scanned data entry form;  
 storing in said computer memory a form definition data structure, said form definition data structure for storing data representing said scanned data entry form;  
 receiving user commands indicating regions of said displayed data entry form, and storing in said form data structure data representing said indicated regions; and  
 receiving user commands defining a multiplicity of objects, and specifying properties of said defined objects; said objects corresponding to ones of said regions and including form sections, text boxes, and checkbox buttons, said specified properties including (A) links for linking selected ones of said defined objects to respective specified fields in said database, and (B) exclusionary relationships for specifying which of said objects cannot be selected by end users when specified others of said objects have previously been selected by said end users; and  
 storing in said form data structure data corresponding to said user defined objects and user specified object properties;  
 wherein said electronic computer based data entry form is suitable for repeated use for specifying data to be stored in said database;  
 said method including:  
 automatically defining ones of said objects to correspond to color demarcated regions of said scanned data entry form and specifying ones of said properties of said objects based on said color information.

**12.** The method of claim **11**,  
 automatically, when defining an object corresponding to a region of said scanned data entry form demarcated by a predefined color, performing image to text conversion in said demarcated region so as to generate a text label for said automatically defined object; and  
 said electronic computer based data entry form generated by said form definition procedures including at least a portion of said digitized representation of said paper based data entry form.

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