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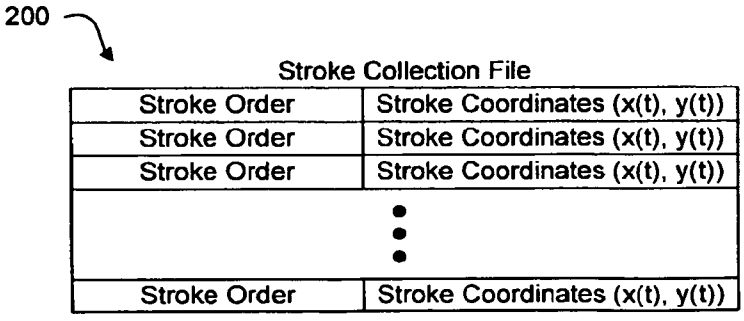
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(54) **Title:** SYSTEMS AND METHODS FOR MUTUALLY EXCLUSIVE OPTIONS ON A PAPER FORM FOR USE WITH A DIGITAL PEN



(57) **Abstract:** Systems and methods are provided for selecting a user-identified option from among a group of mutually exclusive options. In one embodiment a user marks the user-identified option on a paper form using a digital pen. A stroke collection file includes data corresponding to a set of digital pen strokes. A system determines a subset of the digital pen strokes that are associated with the group of mutually exclusive options. A last pen stroke in the subset made by the user is determined to be the pen stroke intended by the user for selecting among the group of mutually exclusive options.

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USPC - 345/180, 707/4
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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USPC: 345/17, 156; 700/1, 90; 707/1; 705/1, 7, 8; 710/1, 67, 72, 73

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST (USPT, PGPB, EPAB, JPAB); Wiley Interscience; CrossRef; Google; Google Scholar
Search Terms: digital pen paper forms web electronic capture coordinates order mutually exclusive option choice selection OCR stroke flag radio button

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2006/0007189 A1 (GAINES et al.) 12 January 2006 (12.01.2006) entire document, especially para [0013], [0055], [0057], [0060], [0068], [0079], [0089]-[0090], [0170], [0172]	1-22
Y	NETKONTORET.COM. HTML Forms: Radio Button [online]. Echoecho.com: Tutorials, 14 March 2006 [retrieved 28 October 2007 (28.10.2007)]. Retrieved from the Internet: URL: < http://web.archive.org/web/20060314142946/http://www.echoecho.com/htmlforms10.htm>, pg 1, para 1-3	1-22
Y	HARMONIC SOFTWARE, INC. Using Radio Buttons In A Dialog Window [online]. O-Matrix.com, 15 January 2006 [retrieved 28 October 2007 (28.10.2007)]. Retrieved from the Internet: URL: < http://web.archive.org/web/20040115210550/http://omatrix.com/manual/radiobuttons.htm>, Description	4, 12, 19
A	US 20050018905 A1 (TUNNEY) 27 January 2005 (27.01.2005), entire document	1-22

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