

Digital Handwriting Recognition

TECHNOLOGY

Computer identification of handwritten characters

NOVELTY

An early and instrumental collection of patents that cover computer identification of human handwriting, and envision several key applications of this technology

IMPORTANCE

Valuable Intellectual Property for software and app developers, as well as computer hardware manufacturers

ISSUED PATENT NUMBERS

7,469,062; 7,359,551;
7,444,021; 7,308,148;
7,630,551; 7,463,779;
7,697,761; 7,532,758;
7,756,336; 7,650,033;
7,760,947; 7,873,217;
8,121,426; 7,848,574;
7,903,879; 7,881,536;
8,009,914; 8,000,531;
8,019,160; 8,219,908;
7,630,962; 7,526,128;
7,925,663

Computer Identification of Human Hand Writing

— Patent Summary —

The Digital Handwriting Recognition (“DHR”) Patent Offering is an investment comprised of 23 patents that broadly cover one of the most dynamic and rapidly growing areas in the tablet computing space—handwriting recognition technology. Exemplary among the DHR portfolio is a patent protecting a sophisticated method that works to modify the handwriting recognition classification scheme of a computer such that it is responsive to the specific user’s style of writing. This method uniquely employs a series of letter classes, potential allographs for each letter, and possible prototypes for each allograph. In determining the correct letter, the method identifies the features of the inputted character, and through a value system, matches it to the appropriate prototype, allograph, and ultimately, computer letter. Through the continued use, the method is able to modify the classification scheme toward dependence on a specific user, thereby increasing its accuracy. Along with this exemplary patent, the DHR Patent Offering contains patents that contemplate more specific applications of handwriting recognition technology, such as handwriting database search and classification.

The value of the DHR Patent Offering is derived from the broad protection that it gives to an invention that is situated at the center of the mobile computing revolution. Analysts from NPD Display Search predict that the tablet market will surpass the pc market by 2016, becoming the dominant platform for personal computing with over 800 million annual shipments.¹ And the next generation of tablets will need to respond to consumer demand for handwriting recognition technology. Indeed, the idea protected by the DHR Patent Offering is already present in some of the market’s leading devices and platforms.

The DHR Patent Offering has been created by Silverbrook Research, one of the world’s leaders in innovation and invention. Since 2006, Silverbrook Research has been ranked in the “US Patent Top 50” listing of the most inventive companies in the world. Silverbrook has over 4,500 patents granted in the US, with commensurate patents filed internationally. Silverbrook is headquartered near Sydney, Australia.

¹ NPD Display Search, July 3, 2012

The information that has been provided is believed to be complete to the extent provided and described, and we make no warranty that it is complete for all purposes or any specific purpose, industry, or business. Each party considering the offering is cautioned to make its own analysis regarding the utility and coverage of the offering, and to seek independent assistance in doing so.

— Exemplary Patent Information —

Patent Number: US 7,469,062

Title: *Character Identification*

Number of Claims: 10

Inventor: Napper, Jonathon Leigh (Balmain, AU)

Filing Date: October 15, 2002 **Issue Date:** December 23, 2008

— Market and Related Firms —

The DHR Patent Offering has a scope of application in commercially successful devices and platforms now pervasive in the tablet and computing software marketplace, such as Microsoft Office's OneNote, Google's WritePad, and Amazon's Mechanical Turk and Houdini Handwritten Conversion, among others. An organization that is looking to enter into, or expand its presence in, the handwriting recognition or tablet marketplace would stand to benefit immensely from the DHR Patent Offering. Additionally, the broad scope of the DHR Patent Offering could serve as valuable IP for a non-practicing entity that is looking to bolster its patent portfolio or acquire licensing revenue from one of the industry's dominant players.

— Contact —

For more information about the DHR Patent Offering, please contact Feisal Mosleh via email at fmosleh@kanzatec.com or via phone at 612.325.5415.



The information that has been provided is believed to be complete to the extent provided and described, and we make no warranty that it is complete for all purposes or any specific purpose, industry, or business. Each party considering the offering is cautioned to make its own analysis regarding the utility and coverage of the offering, and to seek independent assistance in doing so.