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(54) Title: METHOD AND SYSTEM FOR ENHANCING THE EFFICIENCY OF A DIGITALLY COMMUNICATED DATA EXCHANGE

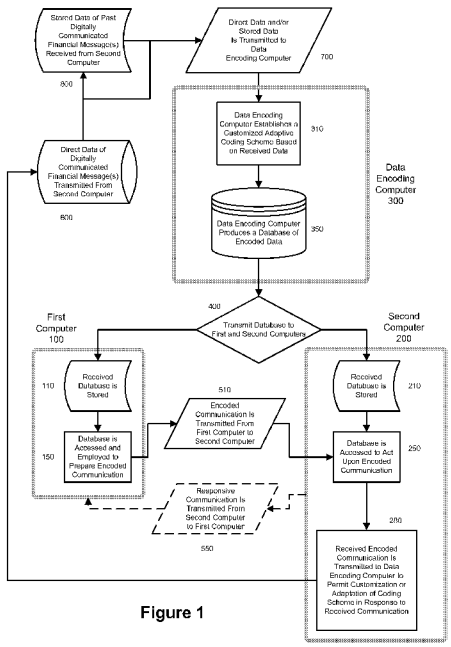


Figure 1

(57) Abstract: The present invention relates to a method for enhancing the efficiency of digitally communicated data exchanges and to a computer system that implements such a method. The invention particularly concerns the use of adaptive custom compression techniques, binary integers ("bits"), massively parallel processing, database optimization techniques and/or calculation optimization techniques to achieve such enhanced efficiency. The invention is applicable to any digitally communicated data exchange, but is particularly applicable to exchanges of financial information such as financial market buy/sell orders, market making, etc.