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**LaFever et al.**

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(54) **SYSTEMS AND METHODS FOR ANONOSIZING DATA**

(56) **References Cited**

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.  
  
This patent is subject to a terminal disclaimer.

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(57) **ABSTRACT**

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Various systems, computer-readable media, and computer-implemented methods of providing improved data privacy, anonymity, and security by enabling subjects to which data pertains to remain “dynamically anonymous,” i.e., anonymous for as long as is desired—and to the extent desired—are disclosed herein. This concept is also referred to herein as “anonosizing.” In some embodiments, the anonosizing of data may be implemented by encoding and decoding data under controlled conditions to support specific uses within designated authorized contexts. By anonosizing data controls via “identifying” and/or “associating” data elements within a population, data uses may be restricted to only those uses permitted by a data subject or authorized third party. If new authorized data uses arise, all original data value and utility may be retained to support them—to the extent authorized by a data subject or authorized third party—but inappropriate, i.e., non-permissioned, uses of identifying information may be prevented.

**Related U.S. Application Data**

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**G06F 21/62** (2013.01)  
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(58) **Field of Classification Search**  
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See application file for complete search history.

**48 Claims, 50 Drawing Sheets**

