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(71) **Applicant** *(for all designated States except US)*: **DATASCI LLC** [US/US]; 18111 T-14 Prince Phillip Drive, Olney, Maryland 20832 (US).

(72) **Inventors; and**

(75) **Inventors/Applicants** *(for US only)*: **NITAHARA, Kim** [US/US]; 63 Grove Street, Somerville, New Jersey 08876 (US). **KOZAM, Marc** [US/US]; 1351 Hennessey Terrace, Sandy Spring, Maryland 20860 (US). **KORMAN, Louis** [US/US]; 11424 Cushman Road, Rockville, Maryland 20852 (US).

(74) **Agents**: **HERBERT, Toni Junell** et al.; PATTON BOGGS LLP, 8484 Westpark Drive, Suite 900, McLean, Virginia 22102 (US).

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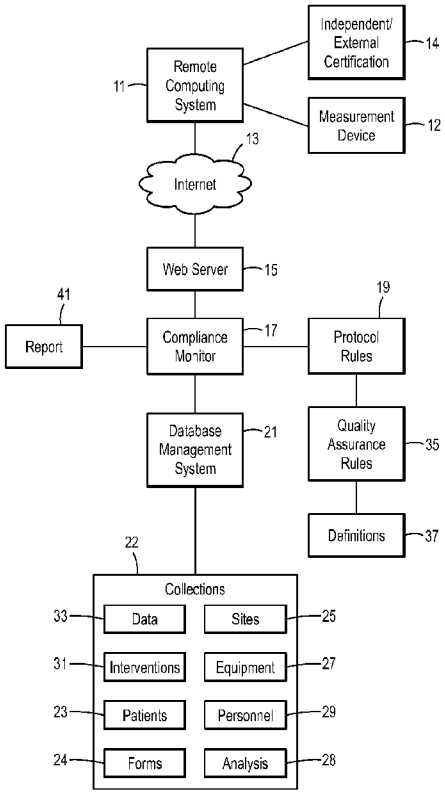
[Continued on next page]

(54) **Title**: QUALIFYING DATA AND ASSOCIATED METADATA DURING A DATA COLLECTION PROCESS

FIG. 1



(57) **Abstract**: Systems and methods for processing metadata associated with a clinical trial are described. In one aspect, a computing device receives collected data with embedded metadata. The device extracts the embedded metadata, and accesses a database to determine characteristics of the embedded metadata. The device then accesses protocol rules where the protocol rules are a set of data collection requirements and procedures for a given clinical trial. The device ensures compliance of the embedded metadata by comparing the characteristics of the embedded metadata with the protocol rules. The device then reports the compliance or non-compliance of the collected data.

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