



- (51) International Patent Classification:
G06F 13/00 (2006.01)
- (21) International Application Number:
PCT/US2020/028163
- (22) International Filing Date:
14 April 2020 (14.04.2020)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
16/389,389 19 April 2019 (19.04.2019) US
- (71) Applicant: **TABLEAU SOFTWARE, LLC** [US/US];
1621 N. 34th St., Seattle, WA 98103 (US).
- (72) Inventors: **DOYLE, Tyler, James-buker**; 1621 N. 34th
St., Seattle, WA 98103 (US). **BRITZ, Graeme, Riley**;
1621 N. 34th St., Seattle, WA 98103 (US). **BRYAK,**

Jonathan, Joseph; 1621 N. 34th St., Seattle, WA 98103
(US). **BUTCHER, Cassius, David**; 1621 N. 34th St., Seat-
tle, WA 98103 (US). **KIM, Jim, Ho**; 1621 N. 34th St., Seat-
tle, WA 98103 (US). **OH, Jiyoung**; 1621 N. 34th St., Seat-
tle C, WA 98103 (US).

(74) Agent: **BRANCH PARTNERS PLLC**; 600 University
Street, Suite 620, Seattle, Washington 98101 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,

(54) Title: INTERACTIVE LINEAGE ANALYZER FOR DATA ASSETS

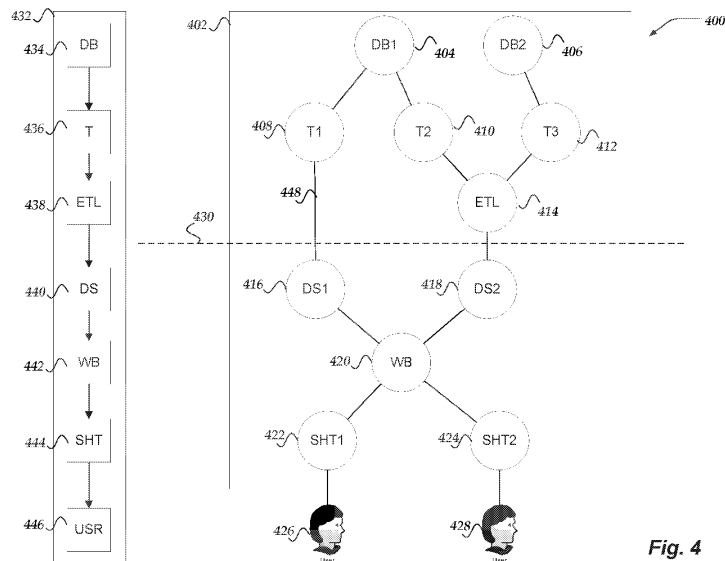


Fig. 4

(57) Abstract: Embodiments are directed to managing a data model that includes data objects associated with layers of the data model may be provided. A lineage model that includes lineage objects that has one or more lineage objects associated with a layer may be provided. A lineage object associated with a layer may be activated. A first portion data objects may be determined based on the activated lineage object. An anchor object may be determined from the first portion of data objects. A search of the data model may be employed to provide dependency information based on a position of the anchor data object in the data model. A second portion of data objects may be determined based on the dependency information. A report that includes a list of the second portion of data objects, the dependency information, or the like, may be provided.

[Continued on next page]

SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))