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(54) Title: DATABASE MANAGEMENT SYSTEM

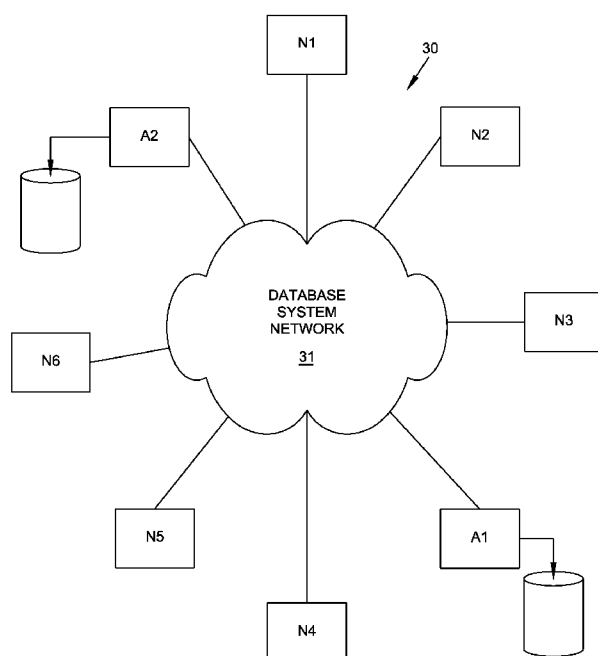


FIG. 1

(57) Abstract: A multi-user, elastic, on-demand, distributed relational database management system. The database is fragmented into distributed objects called atoms. Any change to a copy of an atom at one location is replicated to all other locations containing a copy of that atom. Transactional managers operate to satisfy the properties of atomicity, consistency, isolation and durability.