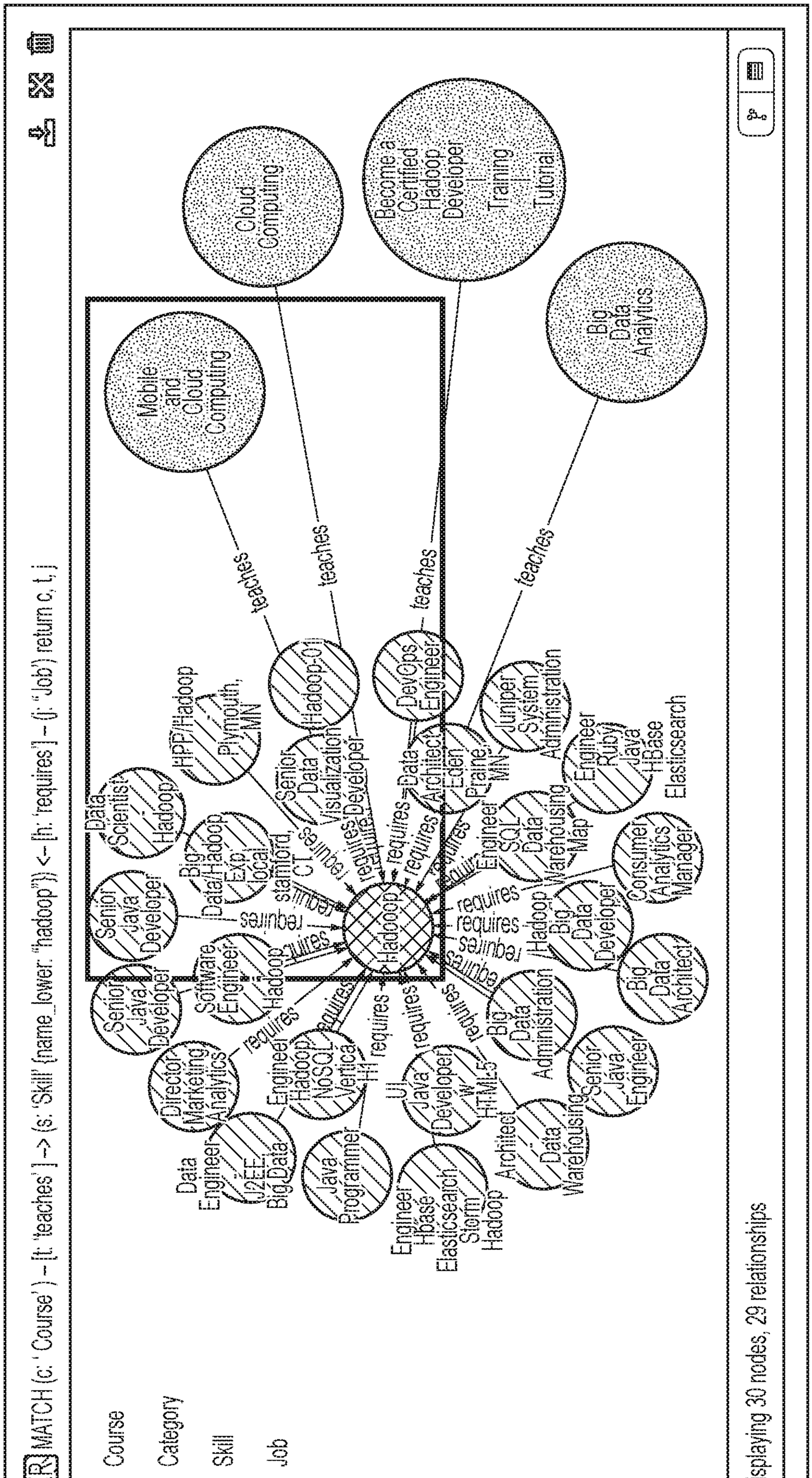

CYPHER MATCH (c:'Course') -[t:'teaches'] -> (s:'Skill' {name_lower:"hadoop"}) <- [h:'requires'] - (j:'Job') return c, t, j
Become a Certified Hadoop Developer | Training | Tutorial
Cloud Computing
Mobile and Cloud Computing
Big Data Analytics
teaches
Hadoop-01
DevOps Engineer
Hadoop
Data Scientist Hadoop
HPP/Hadoop Plymouth, MN
Senior Java Developer
Big Data/Hadoop Exp Local
Senior Data Visualization Developer
Data Architect Eden Prairie, MN
Juniper System Administration
Software Engineer Hadoop
Engineer Ruby/ Java HBase Elasticsearch
Director Marketing Analytics
Engineer Hadoop NoSQL Vertica
Hadoop Big Data Administration
Consumer Analytics Manager
Data Engineer J2EE Big Data
Java Programmer
Engineer Hbase Elasticsearch Storm Hadoop
Java Developer
Big Data Architect
Data Warehousing
Senior Java Engineer
requires
Course
Category
Skill
Job
Displaying 30 nodes, 29 relationships

FIG. 1A

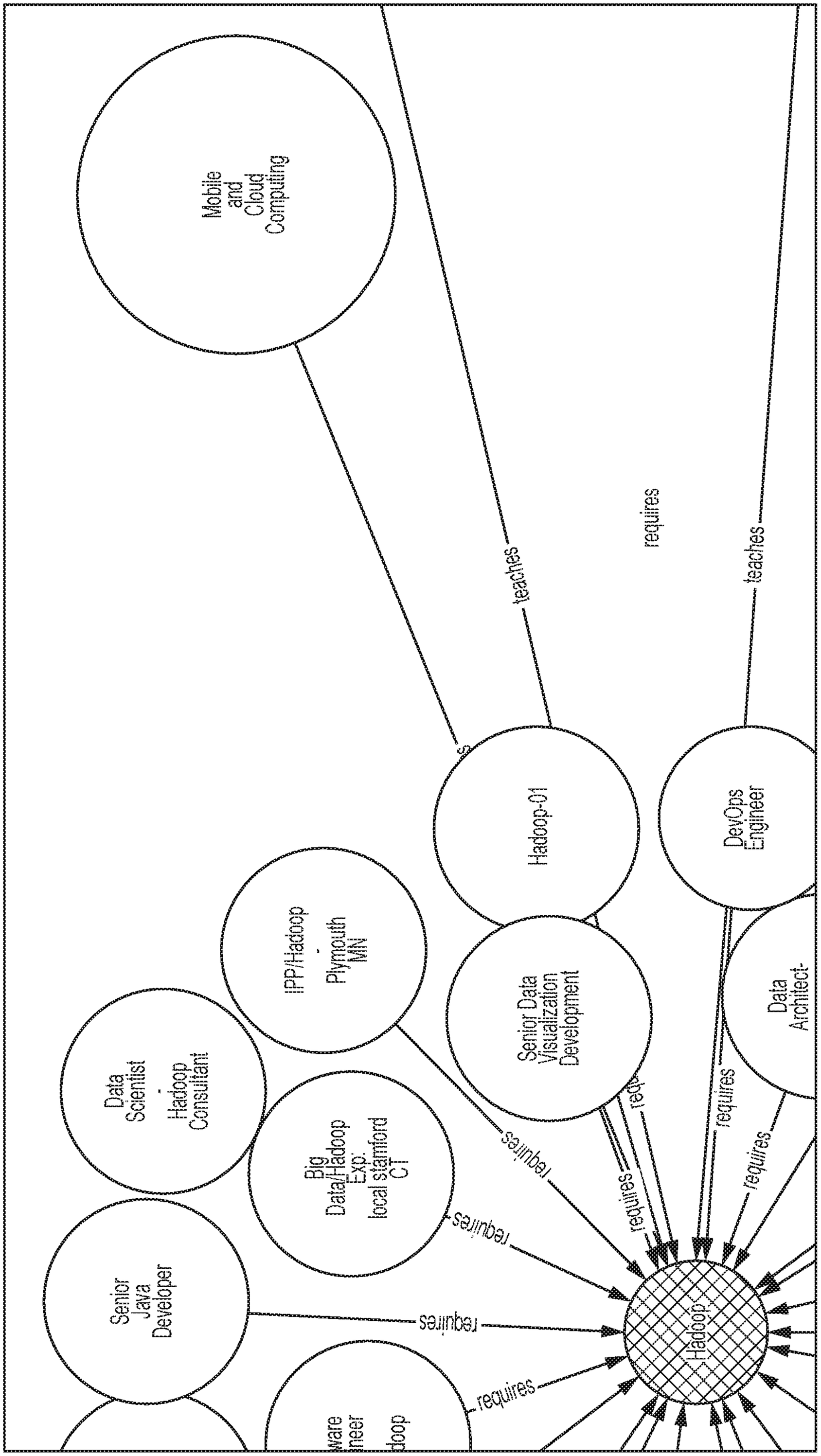

Mobile and Cloud Computing
teaches
requires
teaches
Hadoop-01
DevOps Engineer
IPP/Hadoop - Plymouth MN
Senior Data Visualization Development
Data Architect-
Data Scientist - Hadoop Consultant
Big Data/Hadoop Exp. local stamford CT
Senior Java Developer
requires
Hadoop

FIG. 1B

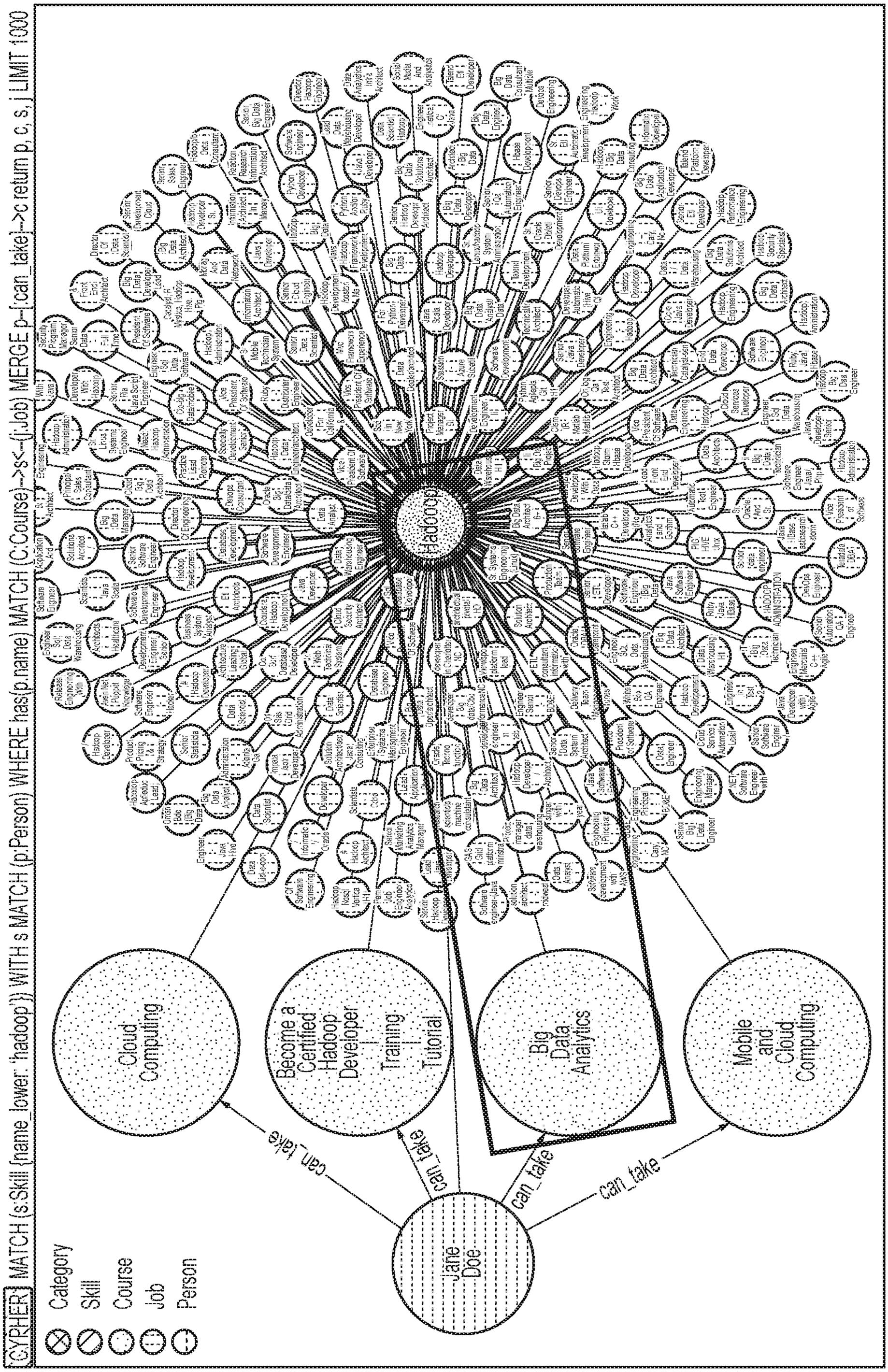

MATCH (c:Course)-[:s*..]-(j:Job) MERGE p=[can_take]->c return p, c, s, j LIMIT 1000
MATCH (p:Person {name: 'Jane Doe'}) MERGE (s:Skill {name_lower: 'hadoop'}) WITH s MATCH (p:Person) WHERE has(p.name)
Hadoop
Cloud Computing
Become a Certified Hadoop Developer
Training
Tutorial
Big Data Analytics
Mobile and Cloud Computing
can_take
Jane Doe
CYPHER
MATCH (s:Skill
Category
Skill
Course
Job
Person

FIG. 1A

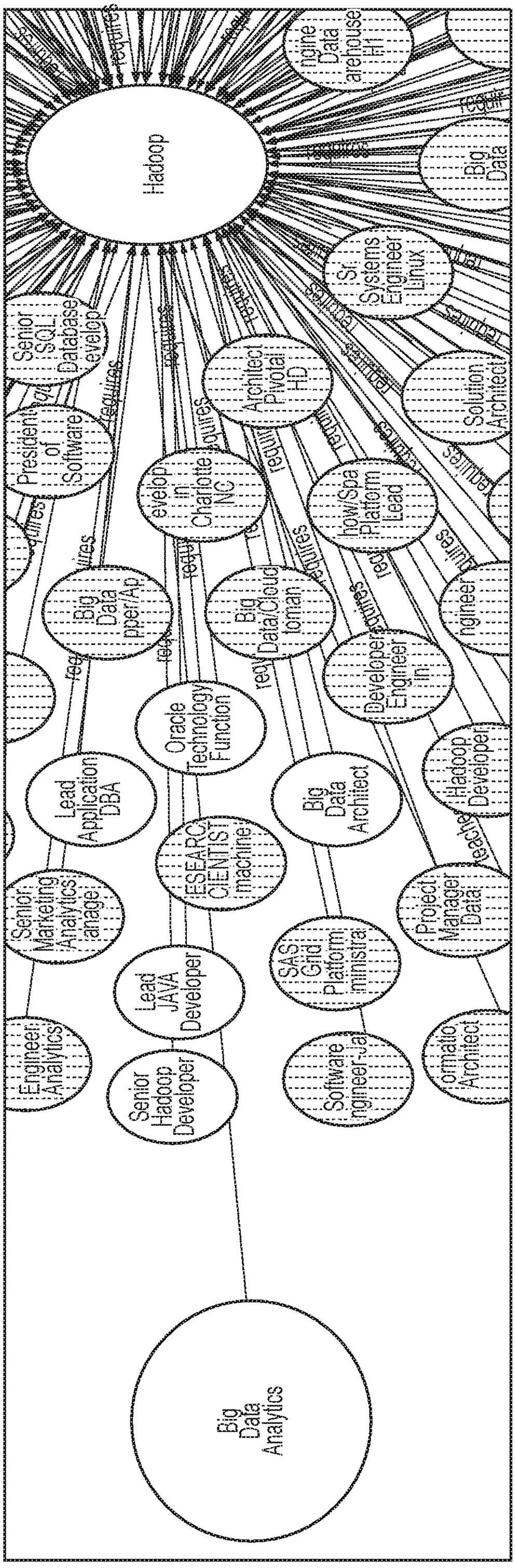

Hadoop
Big Data Analytics
Senior Hadoop Developer
Lead JAVA Developer
Senior Marketing Analytics
Lead Application DBA
Oracle Technology Function
Big Data Architect
Solution Architect
Sr. Systems Engineer Linux
Architect Pivotal HD
Platform Lead
Project Manager
SAS Grid Platform
Software Engineer
Big Data/Cloud
Developer Engineer
Senior SQL Database
President of Software
Charlotte NC
Machine
Engineer Analytics
Lead Data Scientist
requires
saumbel

FIG. 2B

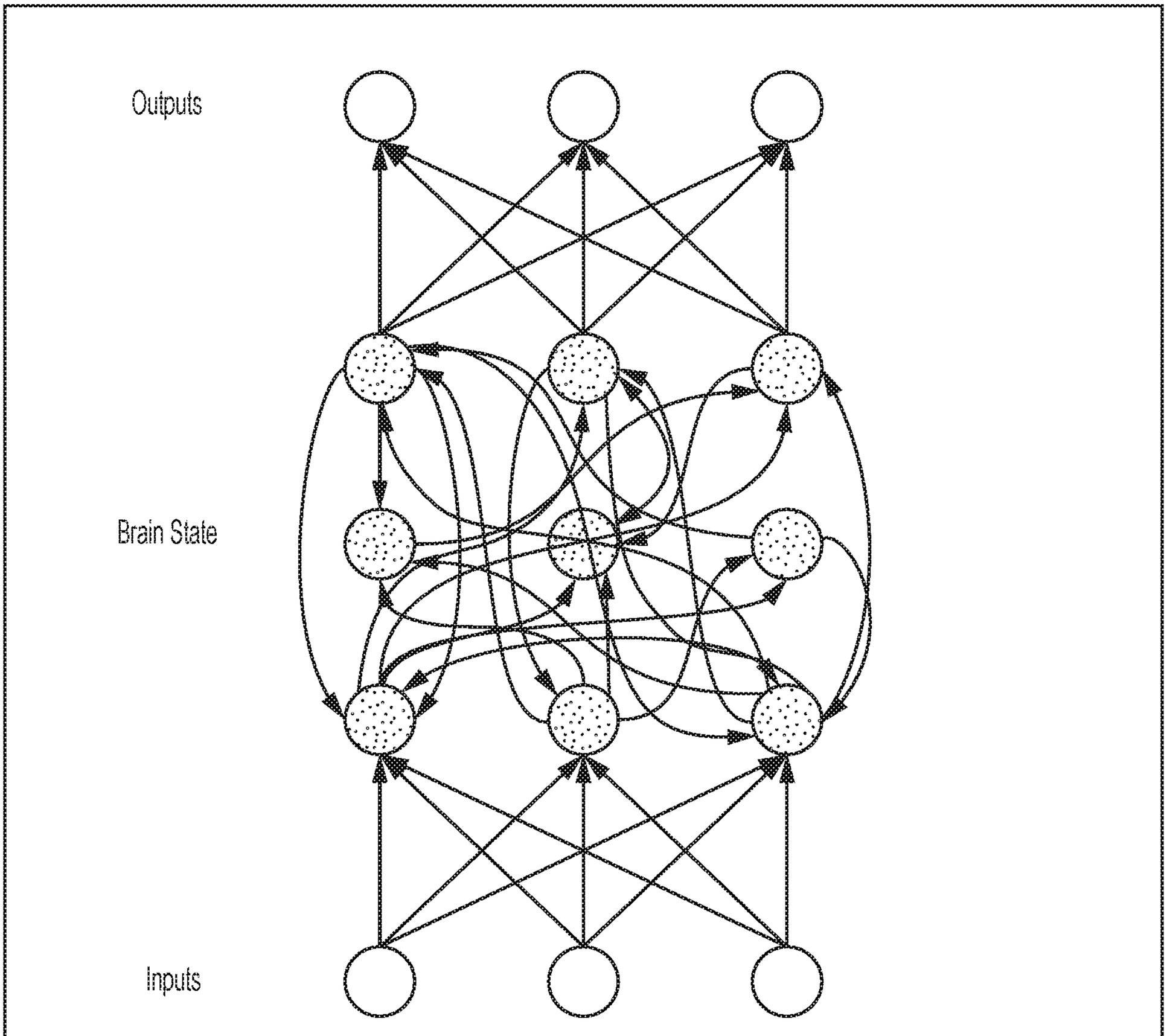



FIG. 3

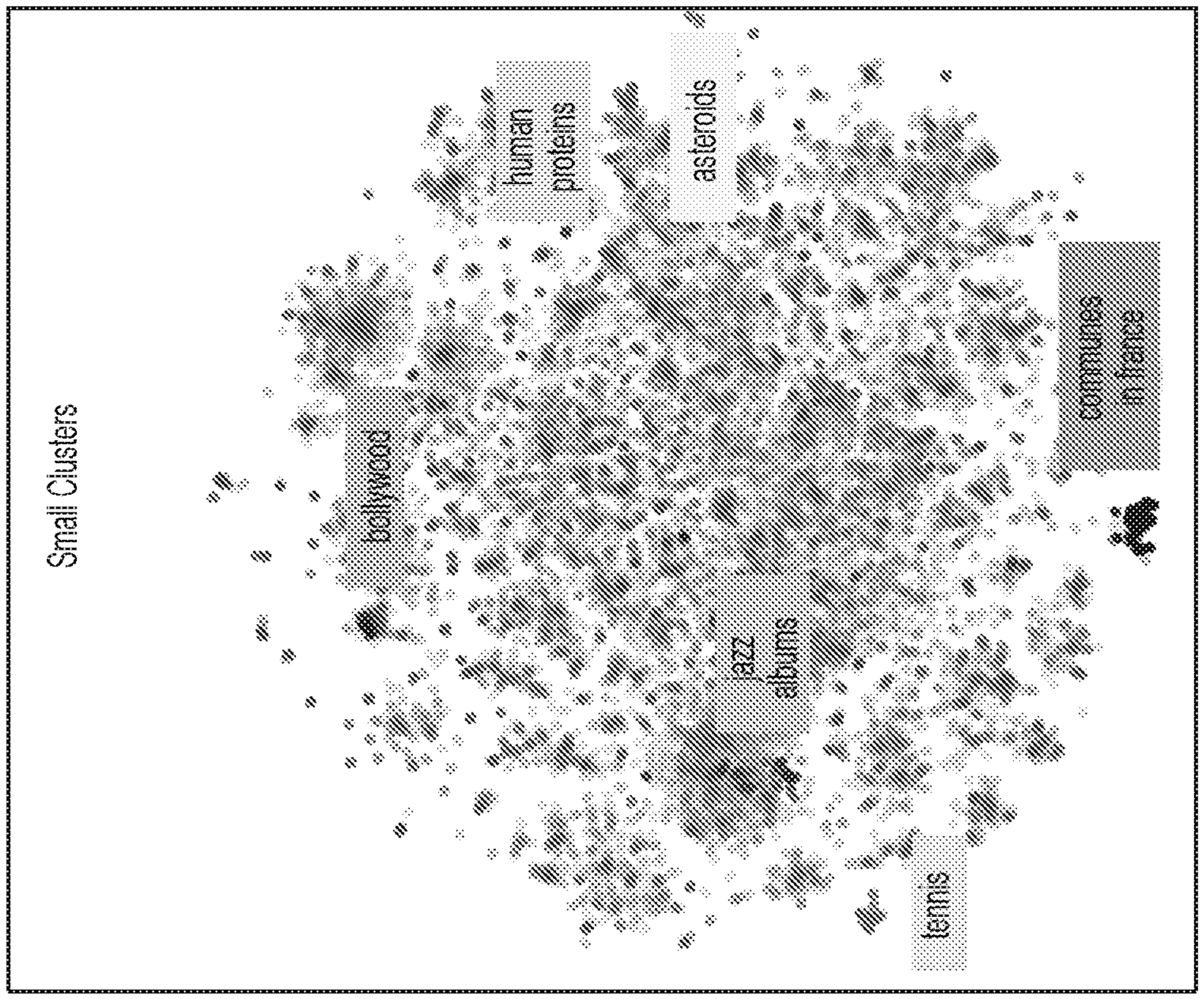

Small Clusters
human proteins
asteroids
communes in france
bollywood
jazz
albums
tennis

FIG. 4B

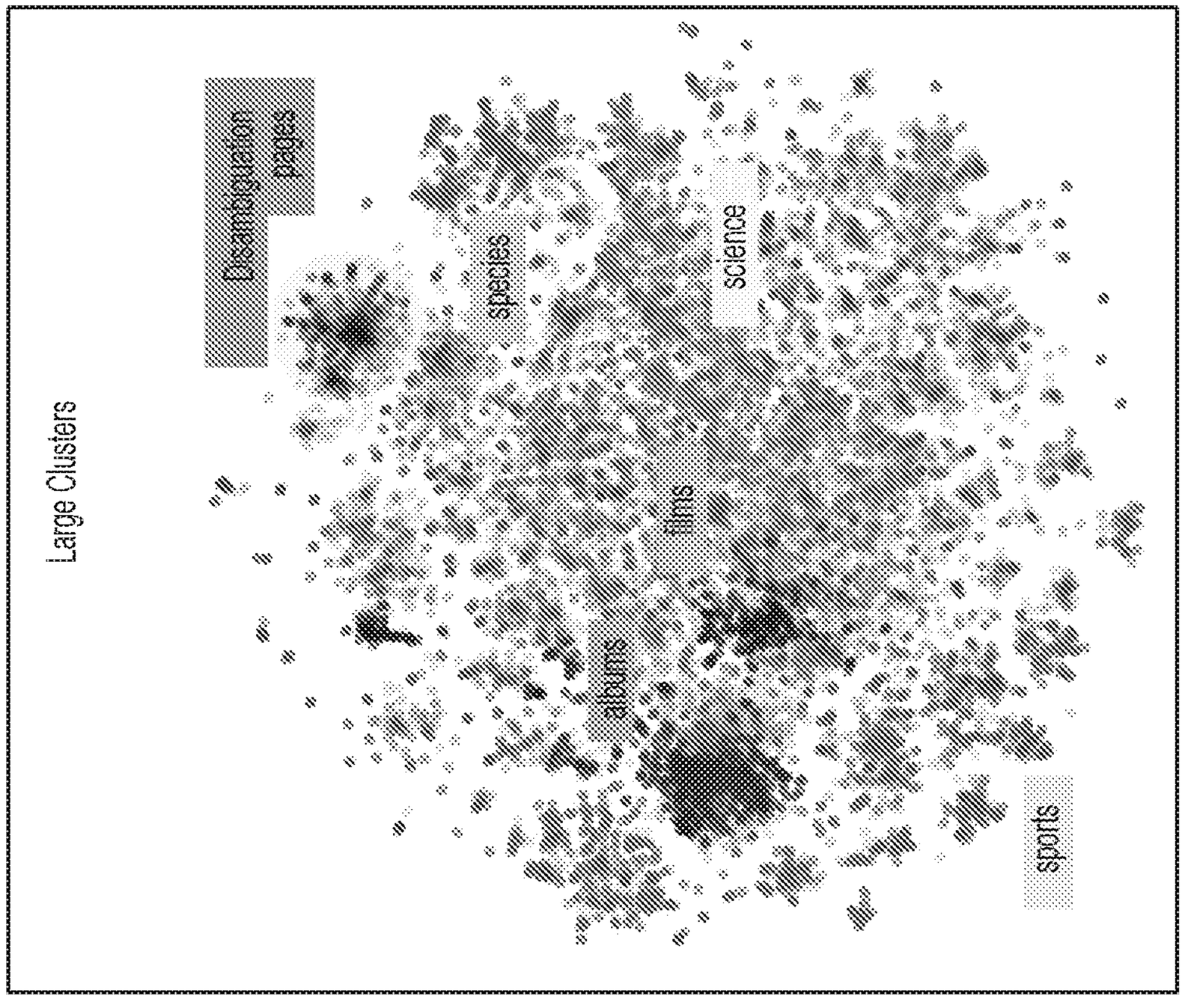

Large Clusters
Disambiguation pages
species
films
science
albums
sports

FIG. 4A

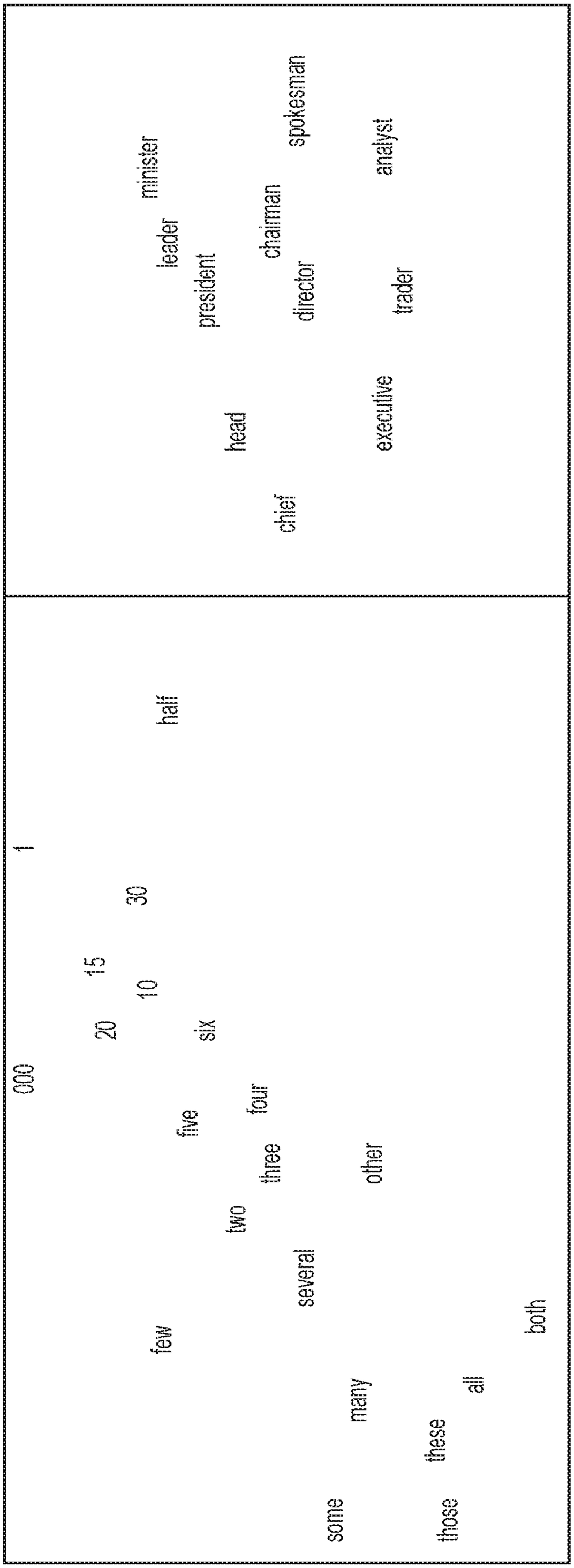

minister
leader
president
chairman
director
spokesman
analyst
trader
head
chief
executive
half
1
000
20
15
30
10
five
six
four
three
two
other
few
several
some
many
these
those
all
both

FIG. 5

| MEGABITS | SCRATCHED | XBOX | FRANCE |
|---|---|---|---|
| OCTETS | NAILED | AMIGA | AUSTRIA |
| MB/S | SMASHED | PLAYSTATION | BELGUIM |
| BIT/S | PUNCHED | MSX | GERMANY |
| BAUD | POPPED | IPOD | ITALY |
| CARATS | CRIMPED | SEGA | GREECE |
| KBIT/S | SCRAPED | PSNUMBER | SWEDEN |
| MEGAHERTZ | SCREWED | HD | NORWAY |
| MEGAPIXELS | SECTIONED | DREAMCAST | EUROPE |
| GBIT/S | SLASHED | GEFORCE | HUNGARY |
| AMPERES | RIPPED | CAPCOM | SWITZERLAND |
| REDDISH | JESUS | | |
| GREENISH | GOD | | |
| BLUISH | SATI | | |
| PINKISH | CHRIST | | |
| PURPLISH | SATAN | | |
| BROWNISH | KALI | | |
| GREYISH | INDRA | | |
| GRAYISH | VISHNU | | |
| WHITISH | ANANDA | | |
| SILVERY | PARVATI | | |
| YELLOWISH | CHRIST | | |

FIG. 6

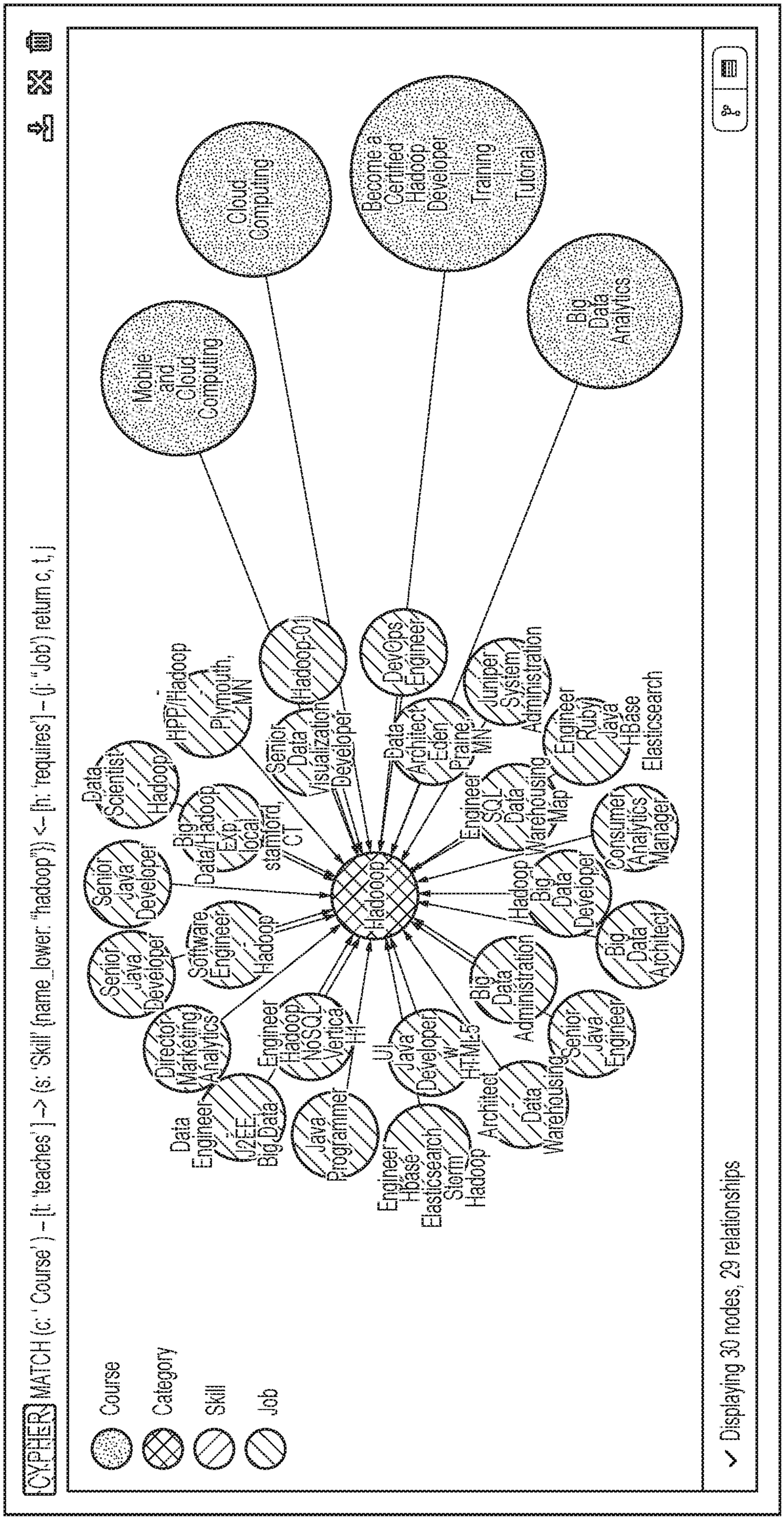

CYPHER MATCH (c:'Course') -[t:'teaches'] -> (s:'Skill' {name_lower:"hadoop"}) <- [h:'requires'] - (j:'Job') return c, t, j
Cloud Computing
Become a Certified Hadoop Developer
Training
Tutorial
Big Data Analytics
Mobile and Cloud Computing
Hadoop
Course
Category
Skill
Job
✓ Displaying 30 nodes, 29 relationships

FIG. 7

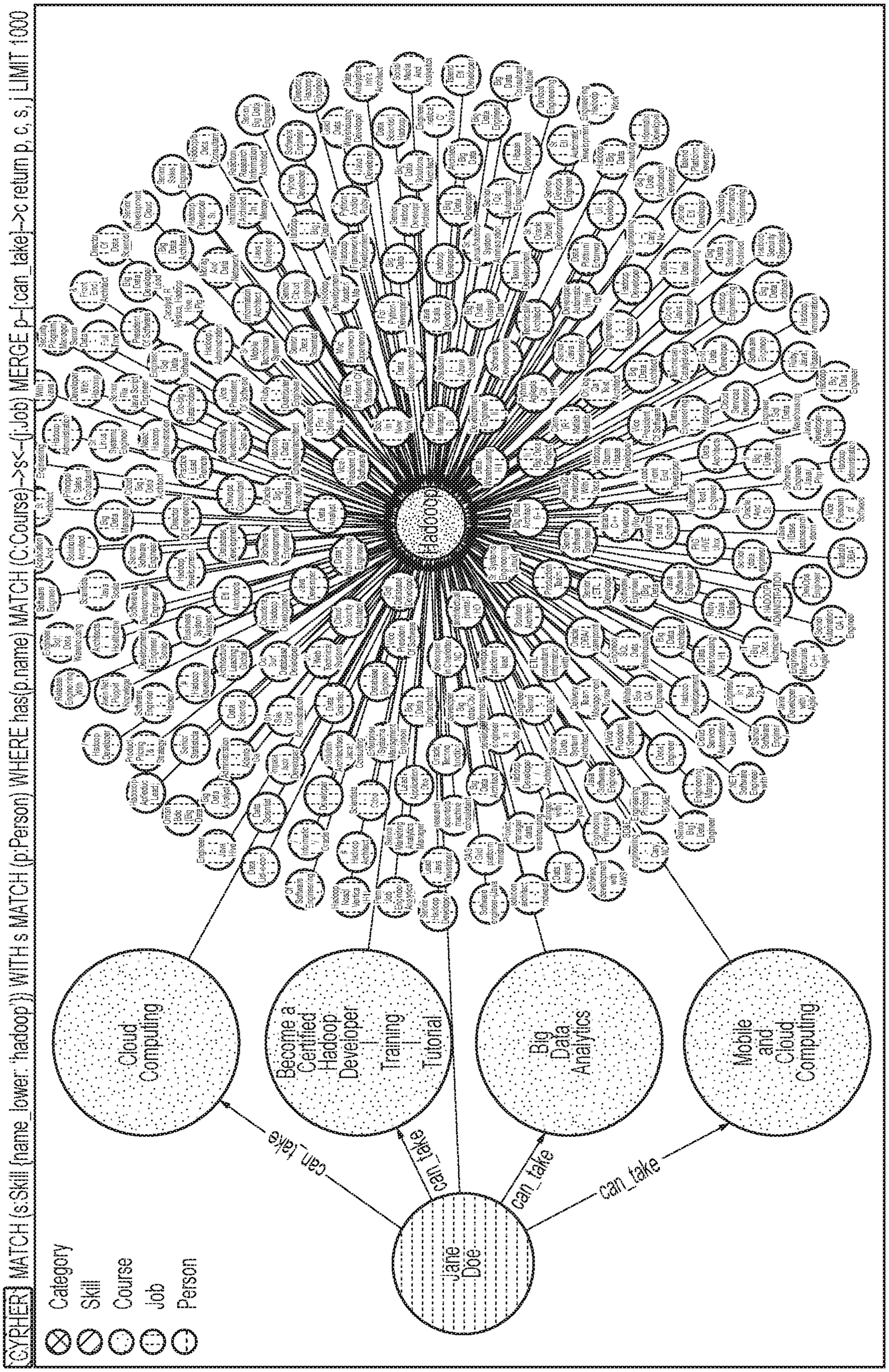

MATCH (c:Course)-[:has]->(s:Skill {name_lower: 'hadoop'}) WITH s MATCH (p:Person) WHERE has(p.name) MATCH (c:Course)-[:s]->(j:Job) MERGE p-[can_take]->c return p, c, s, j LIMIT 1000
Hadoop
Cloud Computing
Become a Certified Hadoop Developer Training Tutorial
Big Data Analytics
Mobile and Cloud Computing
Jane Doe
can_take
CYPHER
MATCH (s:Skill
Category
Skill
Course
Job
Person

FIG. 8