WHAT IS CLAIMED IS

1. A method comprising:
receiving data that describes a location;
extrapolating, from said data, an address associated with said location;
identifying a segment of a thoroughfare that includes said address;
defining a polygon that has a perimeter that encompasses a geographic region that is in a vicinity of said segment;
obtaining geo-coordinates of a point within said polygon;
identifying an address at said geo-coordinates; and
identifying an entity that is associated with said address at said geo-coordinates.

2. The method of claim 1,
wherein said extrapolating includes obtaining a first attribute associated with said address,
wherein said identifying said segment includes obtaining a second attribute associated with said segment, and
wherein said defining comprises defining a size and a shape of said polygon based on said first and second attributes.

3. The method of claim 1,
wherein said extrapolating includes obtaining a first attribute associated with said address,
wherein said identifying said segment includes obtaining a second attribute associated with said segment,
wherein said method further comprises, prior to said obtaining, defining a size and shape of a polyhedron based on said first and second attributes, and
wherein said polygon is a cross-section of a polyhedron.

4. The method of claim 1,

wherein said geo-coordinates are first geo-coordinates, said point is a first point, said address at said geo-coordinates is a first address at said geo-coordinates, and said entity is a first entity,

wherein said obtaining also obtains second geo-coordinates of a second point within said polygon,

wherein said identifying an address also identifies a second address at said second geo-coordinates, and

wherein said identifying an entity also identifies a second entity that is associated with said second address.

5. A system comprising:

a processor; and

a memory that is communicatively coupled to said processor, and that contains instructions that are readable by said processor to cause said processor to perform actions of:

receiving data that describes a location;

extrapolating, from said data, an address associated with said location;

identifying a segment of a thoroughfare that includes said address;

defining a polygon that has a perimeter that encompasses a geographic region that is in a vicinity of said segment;

obtaining geo-coordinates of a point within said polygon;

identifying an address at said geo-coordinates; and

identifying an entity that is associated with said address at said geo-coordinates.

6. The system of claim 5,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment, and

wherein said defining comprises defining a size and a shape of said polygon based on said first and second attributes.

7. The system of claim 5,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment,

wherein said method further comprises, prior to said obtaining, defining a size and shape of a polyhedron based on said first and second attributes, and

wherein said polygon is a cross-section of a polyhedron.

8. The system of claim 5,

wherein said geo-coordinates are first geo-coordinates, said point is a first point, said address at said geo-coordinates is a first address at said geo-coordinates, and said entity is a first entity,

wherein said obtaining also obtains second geo-coordinates of a second point within said polygon,

wherein said identifying an address also identifies a second address at said second geo-coordinates, and

wherein said identifying an entity also identifies a second entity that is associated with said second address.

9. A storage device comprising instructions that are readable by a processor to cause said processor to perform actions of:

receiving data that describes a location;

extrapolating, from said data, an address associated with said location;

identifying a segment of a thoroughfare that includes said address;

defining a polygon that has a perimeter that encompasses a geographic region that is in a vicinity of said segment;

obtaining geo-coordinates of a point within said polygon;

identifying an address at said geo-coordinates; and

identifying an entity that is associated with said address at said geo-coordinates.

10. The storage device of claim 9,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment, and

wherein said defining comprises defining a size and a shape of said polygon based on said first and second attributes.

11. The storage device of claim 9,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment,

wherein said method further comprises, prior to said obtaining, defining a size and shape of a polyhedron based on said first and second attributes, and

wherein said polygon is a cross-section of a polyhedron.

12. The storage device of claim 9,

wherein said geo-coordinates are first geo-coordinates, said point is a first point, said address at said geo-coordinates is a first address at said geo-coordinates, and said entity is a first entity,

wherein said obtaining also obtains second geo-coordinates of a second point within said polygon,

wherein said identifying an address also identifies a second address at said second geo-coordinates, and

wherein said identifying an entity also identifies a second entity that is associated with said second address.

WHAT IS CLAIMED IS

1. A method comprising:
receiving data that describes a location;
extrapolating, from said data, an address associated with said location;
identifying a segment of a thoroughfare that includes said address;
defining a polygon that has a perimeter that encompasses a geographic region that is in a vicinity of said segment;
obtaining geo-coordinates of a point within said polygon;
identifying an address at said geo-coordinates; and
identifying an entity that is associated with said address at said geo-coordinates.

2. The method of claim 1,
wherein said extrapolating includes obtaining a first attribute associated with said address,
wherein said identifying said segment includes obtaining a second attribute associated with said segment, and
wherein said defining comprises defining a size and a shape of said polygon based on said first and second attributes.

3. The method of claim 1,
wherein said extrapolating includes obtaining a first attribute associated with said address,
wherein said identifying said segment includes obtaining a second attribute associated with said segment,
wherein said method further comprises, prior to said obtaining, defining a size and shape of a polyhedron based on said first and second attributes, and
wherein said polygon is a cross-section of a polyhedron.

4. The method of claim 1,

wherein said geo-coordinates are first geo-coordinates, said point is a first point, said address at said geo-coordinates is a first address at said geo-coordinates, and said entity is a first entity,

wherein said obtaining also obtains second geo-coordinates of a second point within said polygon,

wherein said identifying an address also identifies a second address at said second geo-coordinates, and

wherein said identifying an entity also identifies a second entity that is associated with said second address.

5. A system comprising:

a processor; and

a memory that is communicatively coupled to said processor, and that contains instructions that are readable by said processor to cause said processor to perform actions of:

receiving data that describes a location;

extrapolating, from said data, an address associated with said location;

identifying a segment of a thoroughfare that includes said address;

defining a polygon that has a perimeter that encompasses a geographic region that is in a vicinity of said segment;

obtaining geo-coordinates of a point within said polygon;

identifying an address at said geo-coordinates; and

identifying an entity that is associated with said address at said geo-coordinates.

6. The system of claim 5,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment, and

wherein said defining comprises defining a size and a shape of said polygon based on said first and second attributes.

7. The system of claim 5,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment,

wherein said actions also include, prior to said obtaining, defining a size and shape of a polyhedron based on said first and second attributes, and

wherein said polygon is a cross-section of a polyhedron.

8. The system of claim 5,

wherein said geo-coordinates are first geo-coordinates, said point is a first point, said address at said geo-coordinates is a first address at said geo-coordinates, and said entity is a first entity,

wherein said obtaining also obtains second geo-coordinates of a second point within said polygon,

wherein said identifying an address also identifies a second address at said second geo-coordinates, and

wherein said identifying an entity also identifies a second entity that is associated with said second address.

9. A storage device comprising instructions that are readable by a processor to cause said processor to perform actions of:

receiving data that describes a location;

extrapolating, from said data, an address associated with said location;

identifying a segment of a thoroughfare that includes said address;

defining a polygon that has a perimeter that encompasses a geographic region that is in a vicinity of said segment;

obtaining geo-coordinates of a point within said polygon;

identifying an address at said geo-coordinates; and

identifying an entity that is associated with said address at said geo-coordinates.

10. The storage device of claim 9,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment, and

wherein said defining comprises defining a size and a shape of said polygon based on said first and second attributes.

11. The storage device of claim 9,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment,

wherein said actions also include, prior to said obtaining, defining a size and shape of a polyhedron based on said first and second attributes, and

wherein said polygon is a cross-section of a polyhedron.

12. The storage device of claim 9,

wherein said geo-coordinates are first geo-coordinates, said point is a first point, said address at said geo-coordinates is a first address at said geo-coordinates, and said entity is a first entity,

wherein said obtaining also obtains second geo-coordinates of a second point within said polygon,

wherein said identifying an address also identifies a second address at said second geo-coordinates, and

wherein said identifying an entity also identifies a second entity that is associated with said second address.

CLAIMS:

1. A method comprising:

(a) receiving data that describes a location;

(b) extrapolating, from said data, an address associated with said location;

(c) executing a process that yields a candidate list, wherein said process includes:

identifying a segment of a thoroughfare that includes said address;

obtaining geo-coordinates of a point that corresponds to said address;

defining a polygon that has a perimeter that encompasses a geographic region that includes said geo-coordinates;

identifying an entity that is associated with said address at said geo-coordinates;

including said entity in said candidate list; and

identifying an additional address encompassed by said polygon;

(d) sending said additional address recursively into said process until a criterion is satisfied; and

(e) returning said candidate list.

2. The method of claim 1,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment, and

wherein said defining comprises defining a size and a shape of said polygon based on said first and second attributes.

3. The method of claim 1,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment,

wherein said method further comprises, prior to said obtaining, defining a size and shape of a polyhedron based on said first and second attributes, and

wherein said polygon is a cross-section of a polyhedron.

4. A system comprising:

a processor; and

a memory that is communicatively coupled to said processor, and that contains instructions that are readable by said processor to cause said processor to perform actions of:

(a) receiving data that describes a location;

(b) extrapolating, from said data, an address associated with said location;

(c) executing a process that yields a candidate list, wherein said process includes:

identifying a segment of a thoroughfare that includes said address;

obtaining geo-coordinates of a point that corresponds to said address;

defining a polygon that has a perimeter that encompasses a geographic region that includes said geo-coordinates;

identifying an entity that is associated with said address at said geo-coordinates;

including said entity in said candidate list; and

identifying an additional address encompassed by said polygon;

(d) sending said additional address recursively into said process until a criterion is satisfied; and

(e) returning said candidate list.

5. The system of claim 4,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment, and

wherein said defining comprises defining a size and a shape of said polygon based on said first and second attributes.

6. The system of claim 4,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment,

wherein said actions also include, prior to said obtaining, defining a size and shape of a polyhedron based on said first and second attributes, and

wherein said polygon is a cross-section of a polyhedron.

7. A storage device comprising instructions that are readable by a processor to cause said processor to perform actions of:

(a) receiving data that describes a location;

(b) extrapolating, from said data, an address associated with said location;

(c) executing a process that yields a candidate list, wherein said process includes:

identifying a segment of a thoroughfare that includes said address;

obtaining geo-coordinates of a point that corresponds to said address;

defining a polygon that has a perimeter that encompasses a geographic region that includes said geo-coordinates;

identifying an entity that is associated with said address at said geo-coordinates;

including said entity in said candidate list; and

identifying an additional address encompassed by said polygon;

(d) sending said additional address recursively into said process until a criterion is satisfied; and

(e) returning said candidate list.

8. The storage device of claim 7,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment, and

wherein said defining comprises defining a size and a shape of said polygon based on said first and second attributes.

9. The storage device of claim 7,

wherein said extrapolating includes obtaining a first attribute associated with said address,

wherein said identifying said segment includes obtaining a second attribute associated with said segment,

wherein said actions also include, prior to said obtaining, defining a size and shape of a polyhedron based on said first and second attributes, and

wherein said polygon is a cross-section of a polyhedron.