

Exhibit A
Infringement of U.S. Patent No. 10,585,959 by Google

Claim [11.Pre]

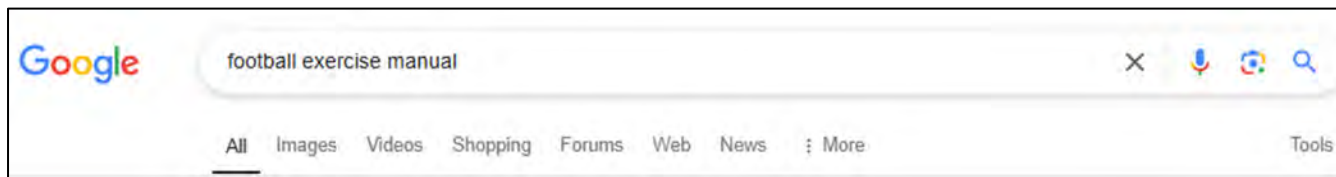
[11.Pre] A method for providing annotated Internet search results suitable for display to a user on a computing device, wherein the method comprises:

Google Search

Google, including itself and one or more of its affiliates, entities it directs or controls, or actors with which it forms a joint enterprise (individually and collectively, “Google”) makes, uses, sells, offers for sale, imports, or markets a webpage or other interactive graphical user interface to provide internet search results for display on a computing device, including at www.google.com and including related domains, websites, and functionality.¹

For example, Google provides a webpage that serves as a user interface for providing Internet search results suitable for display to a user **(e.g., available at www.google.com and including related domains, websites, and functionality)** on a computing device **(e.g., a local computer, mobile device, or other means of connecting to the Internet).**

For example, the purpose of www.google.com is for allowing a user to search and view results.



See www.google.com.

¹ For clarity, this chart is exemplary and not exhaustive. Only certain Google products, and only certain generations or versions of those products, have been described in this chart. However, there are multiple other products that include these elements, and this chart will apply to all Google Accused Instrumentalities that operate similarly, including, but not limited to, those that run similar software or other computer code or otherwise function in substantially the same manner so those listed.

This chart is based upon publicly available information. For example, limited information is available related to the operation of software or other backend or server-based functionality, if any. AccuSearch reserves the rights to revise and supplement these charts based upon additional investigation and discovery.

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[11.Pre] A method for providing annotated Internet search results suitable for display to a user on a computing device, wherein the method comprises:

Google Search

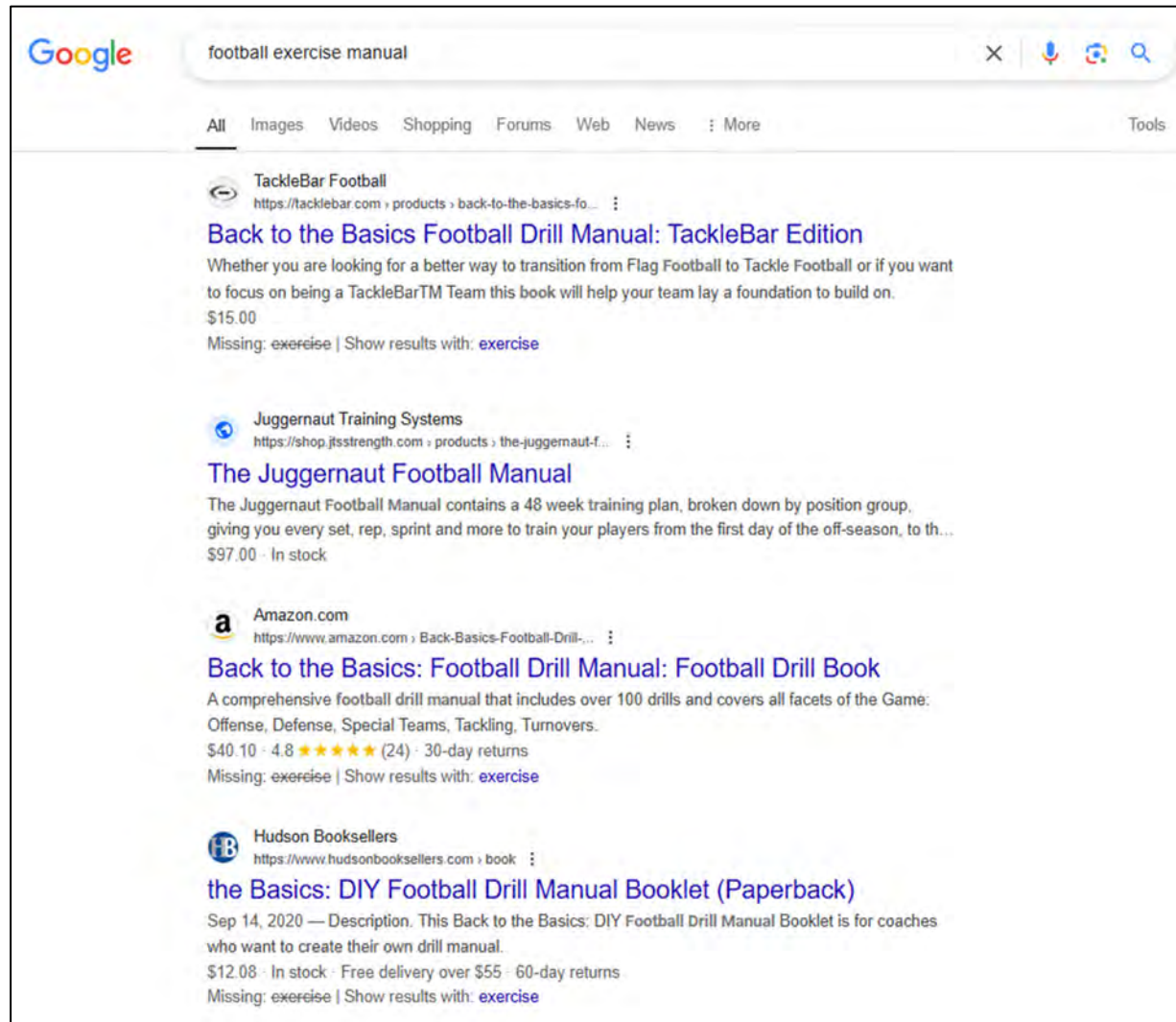


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[11.Pre] A method for providing annotated Internet search results suitable for display to a user on a computing device, wherein the method comprises:

Google Search

Id.; see also <https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/>;
<https://developers.google.com/search/docs/appearance/visual-elements-gallery>.

About Google Data Centers

Google owns and operates data centers all over the world, helping to keep the internet humming 24/7. Learn how our relentless focus on innovation has made our data centers some of the most high-performing, secure, reliable, and efficient data centers in the world.

See <https://www.google.com/about/datacenters/>.

Introducing the three stages of Google Search

Google Search works in three stages, and not all pages make it through each stage:

1. **Crawling:** Google downloads text, images, and videos from pages it found on the internet with automated programs called crawlers.
2. **Indexing:** Google analyzes the text, images, and video files on the page, and stores the information in the Google index, which is a large database.
3. **Serving search results:** When a user searches on Google, Google returns information that's relevant to the user's query.

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[11.Pre] A method for providing annotated Internet search results suitable for display to a user on a computing device, wherein the method comprises:

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See <https://developers.google.com/search/docs/fundamentals/how-search-works>.



See <https://www.google.com/chrome/browser-features/>.

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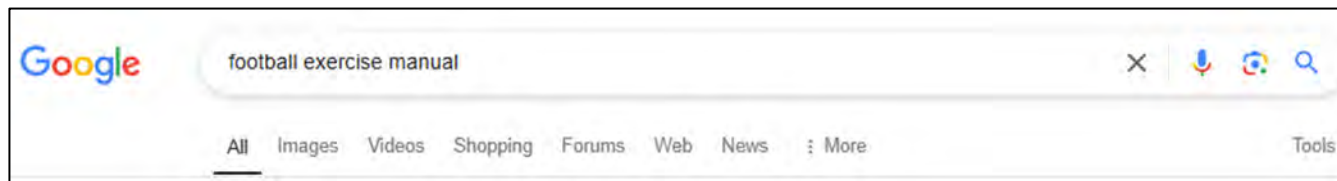
Claim [11.1]

[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;

Google Search

Google conducts a method that comprises receiving (**e.g., in response to a GET or other request**) a search request provided by the user (**e.g., single words, groups of words, strings, or other queries**) from the computing device (**e.g., an electronic device having a monitor, touch screen, or other display device or output component**), the search request comprising one or more search term elements (**e.g., single words, groups of words, strings, or other queries**).

For example, Google provides a search field placed prominently at the top of the search interface:



See www.google.com.

Further, Google returns search results that correspond to the words entered into the search field that is displayed on a search results webpage on the user's computing device:

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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;

Google Search

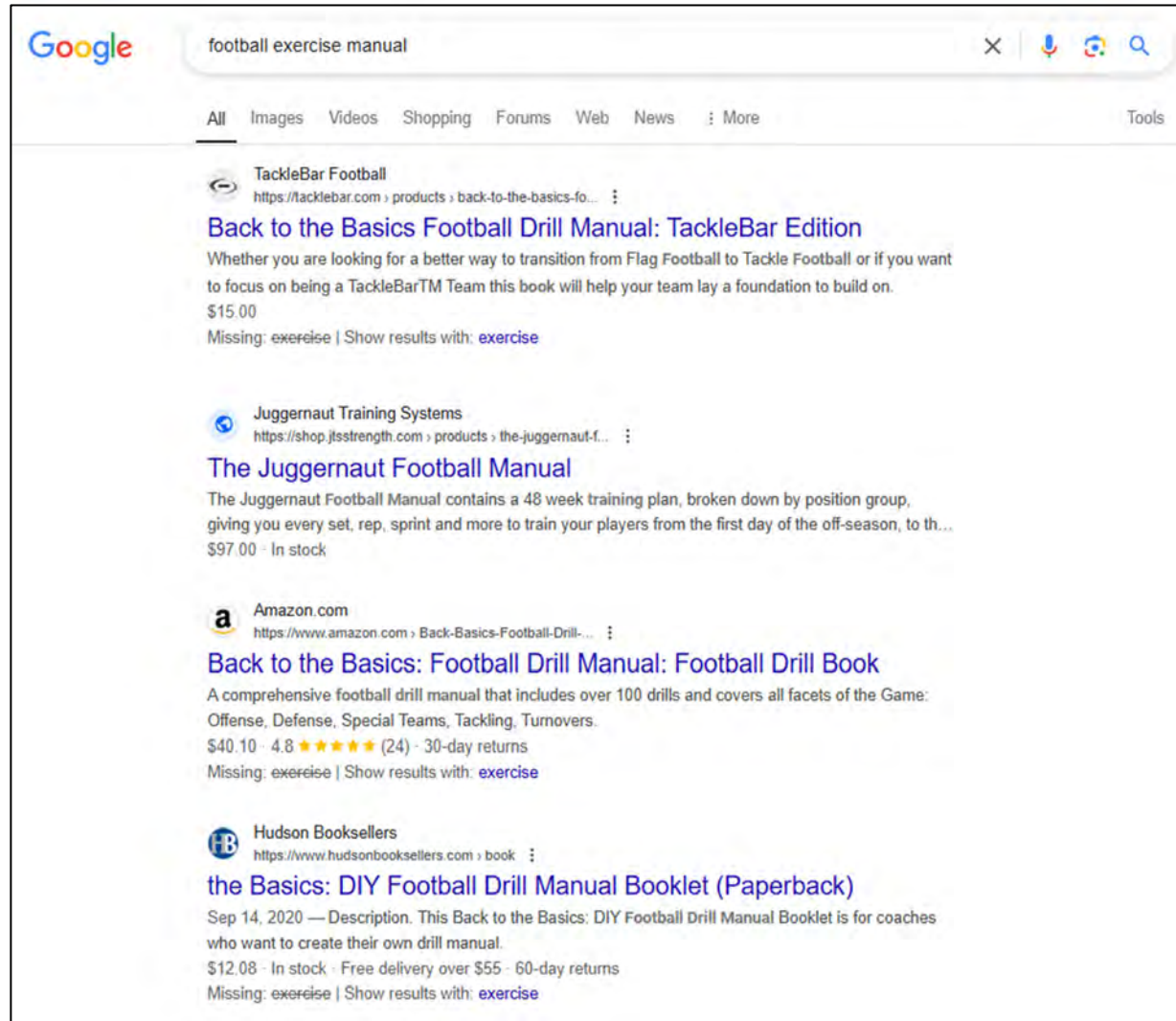


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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;

Google Search

See www.google.com; see also <https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/>; <https://developers.google.com/search/docs/appearance/visual-elements-gallery>;

Introducing the three stages of Google Search

Google Search works in three stages, and not all pages make it through each stage:

1. **Crawling:** Google downloads text, images, and videos from pages it found on the internet with automated programs called crawlers.
2. **Indexing:** Google analyzes the text, images, and video files on the page, and stores the information in the Google index, which is a large database.
3. **Serving search results:** When a user searches on Google, Google returns information that's relevant to the user's query.

See <https://developers.google.com/search/docs/fundamentals/how-search-works>.

Further, Google conducts a method that receives search terms from a user device, such as a mobile phone, tablet, or computer:

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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;

Google Search



See <https://www.google.com/chrome/browser-features/>.

Introducing the three stages of Google Search

Google Search works in three stages, and not all pages make it through each stage:

1. **Crawling:** Google downloads text, images, and videos from pages it found on the internet with automated programs called crawlers.
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3. **Serving search results:** When a user searches on Google, Google returns information that's relevant to the user's query.

See <https://developers.google.com/search/docs/fundamentals/how-search-works>.

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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;	Google Search

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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;

Google Search

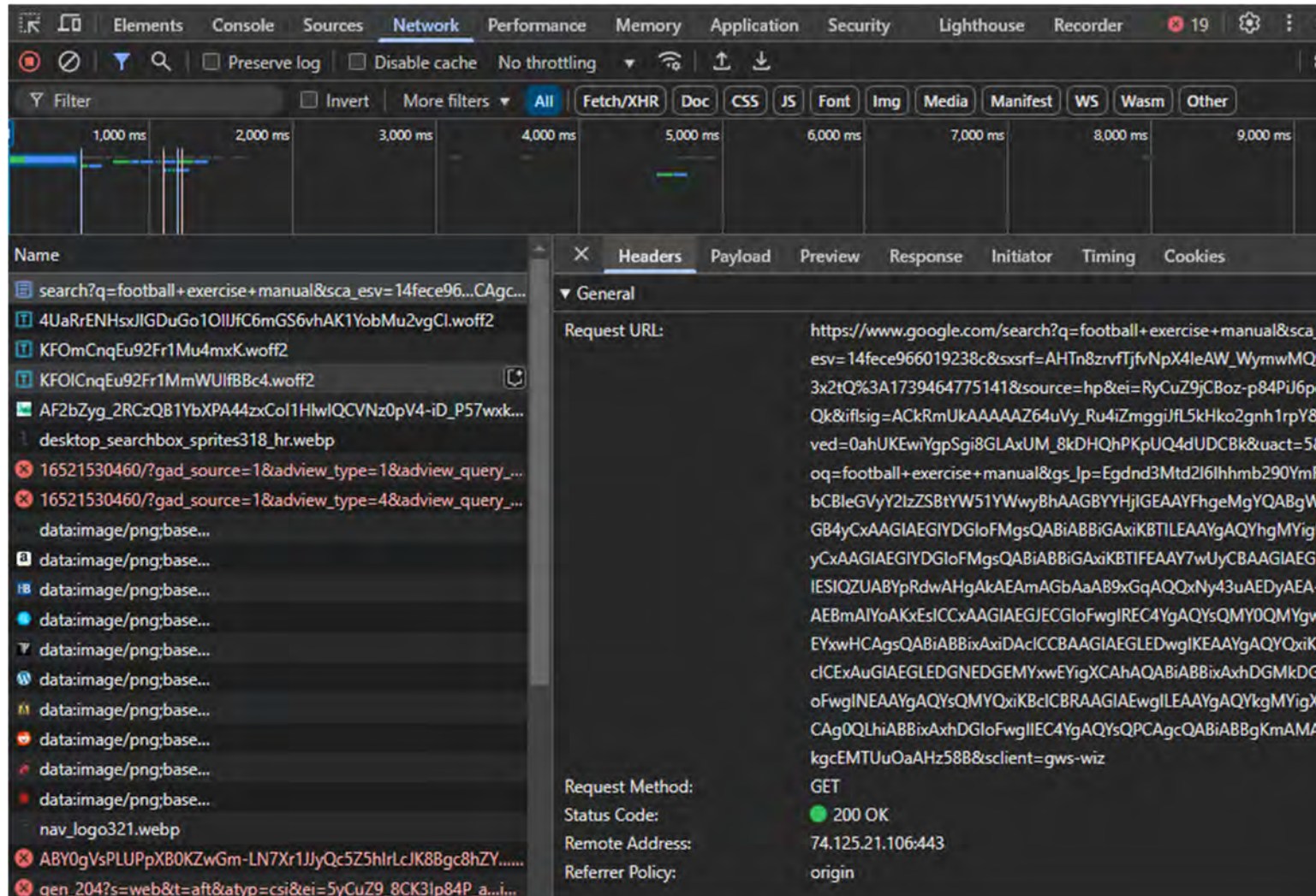


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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;

Google Search

See also www.google.com (see developer tools – network) (showing GET request);

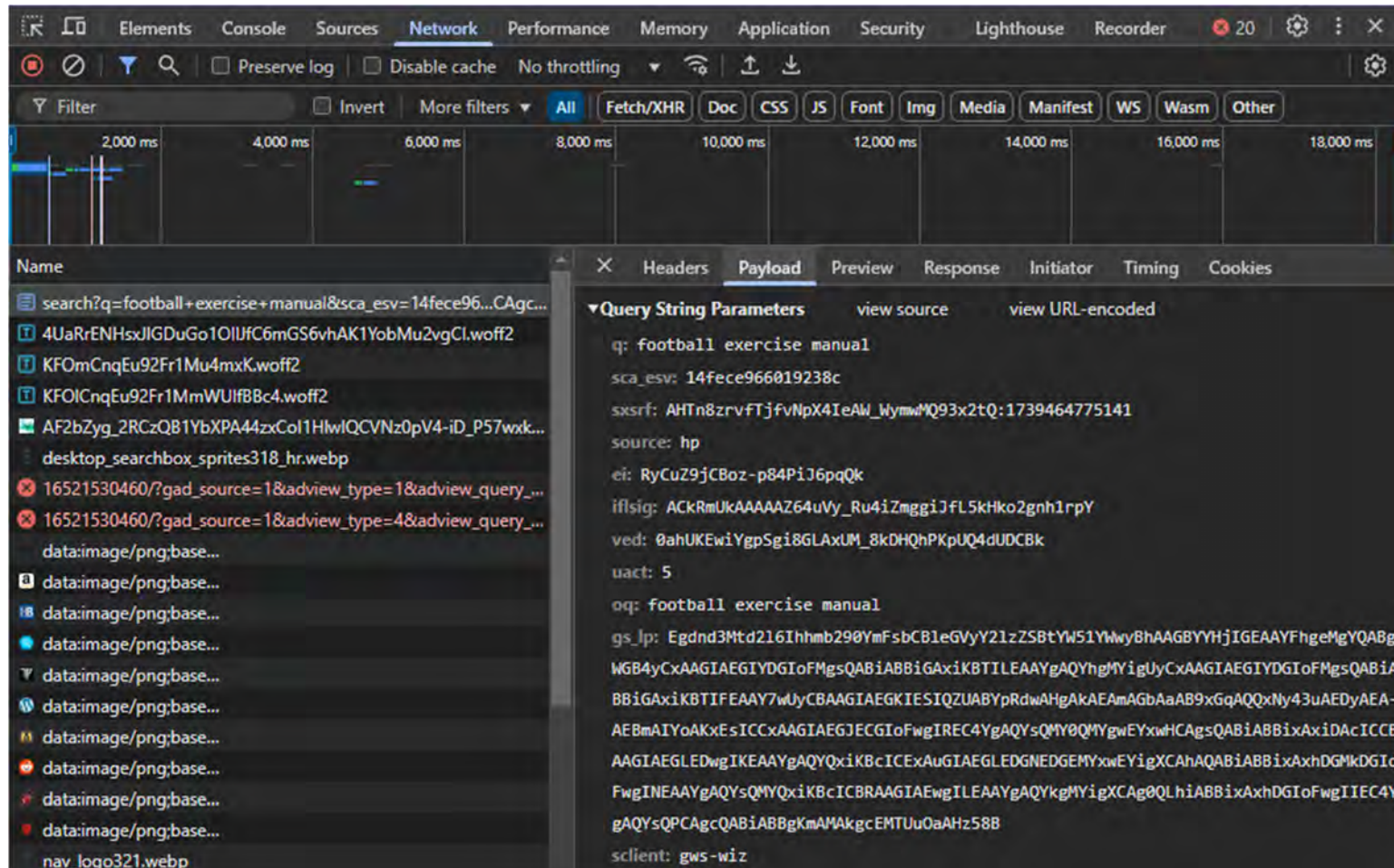


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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;	Google Search
<i>Id.</i> (showing payload of request);	

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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;

Google Search

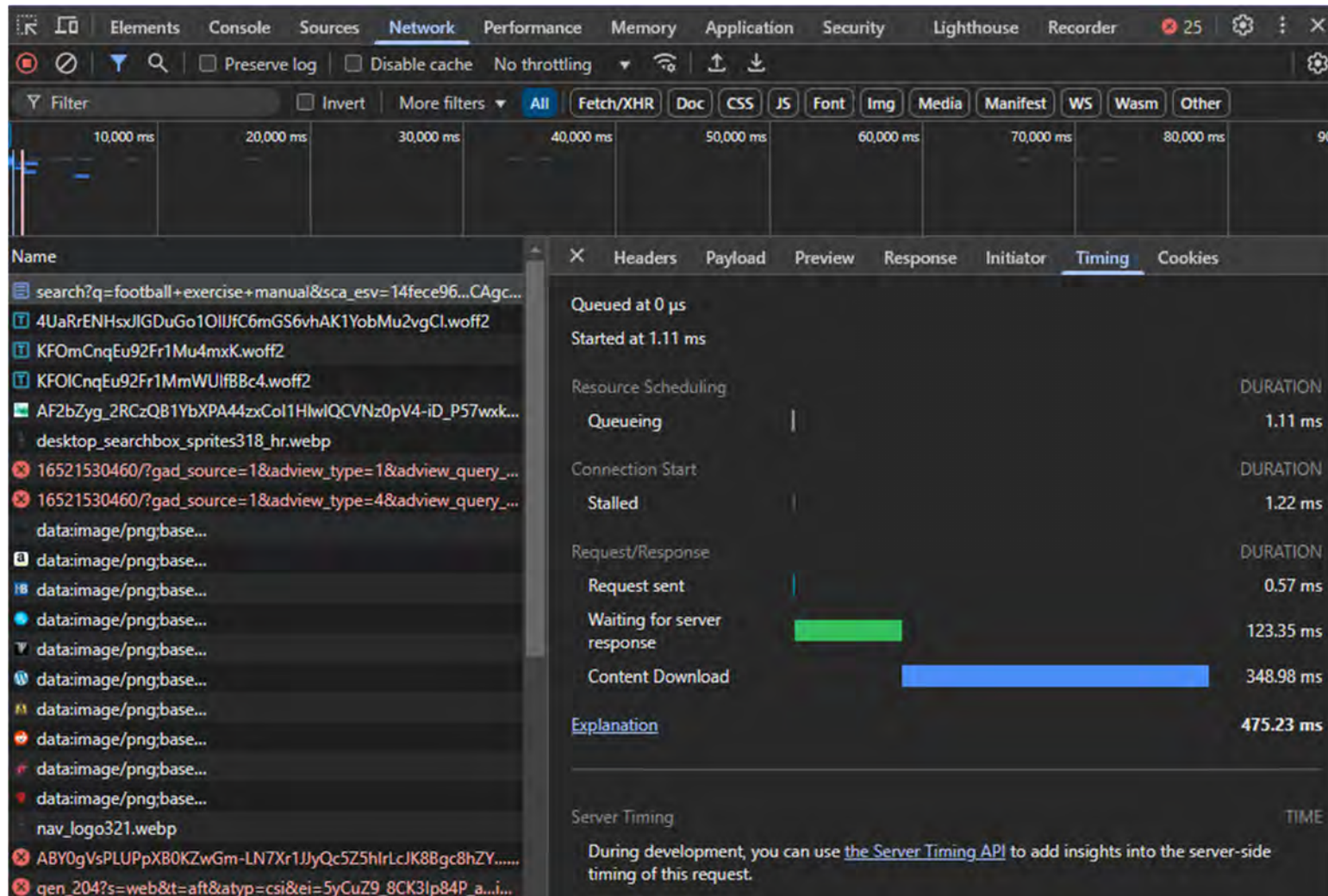


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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;	Google Search
<i>Id.</i> (showing response time)	

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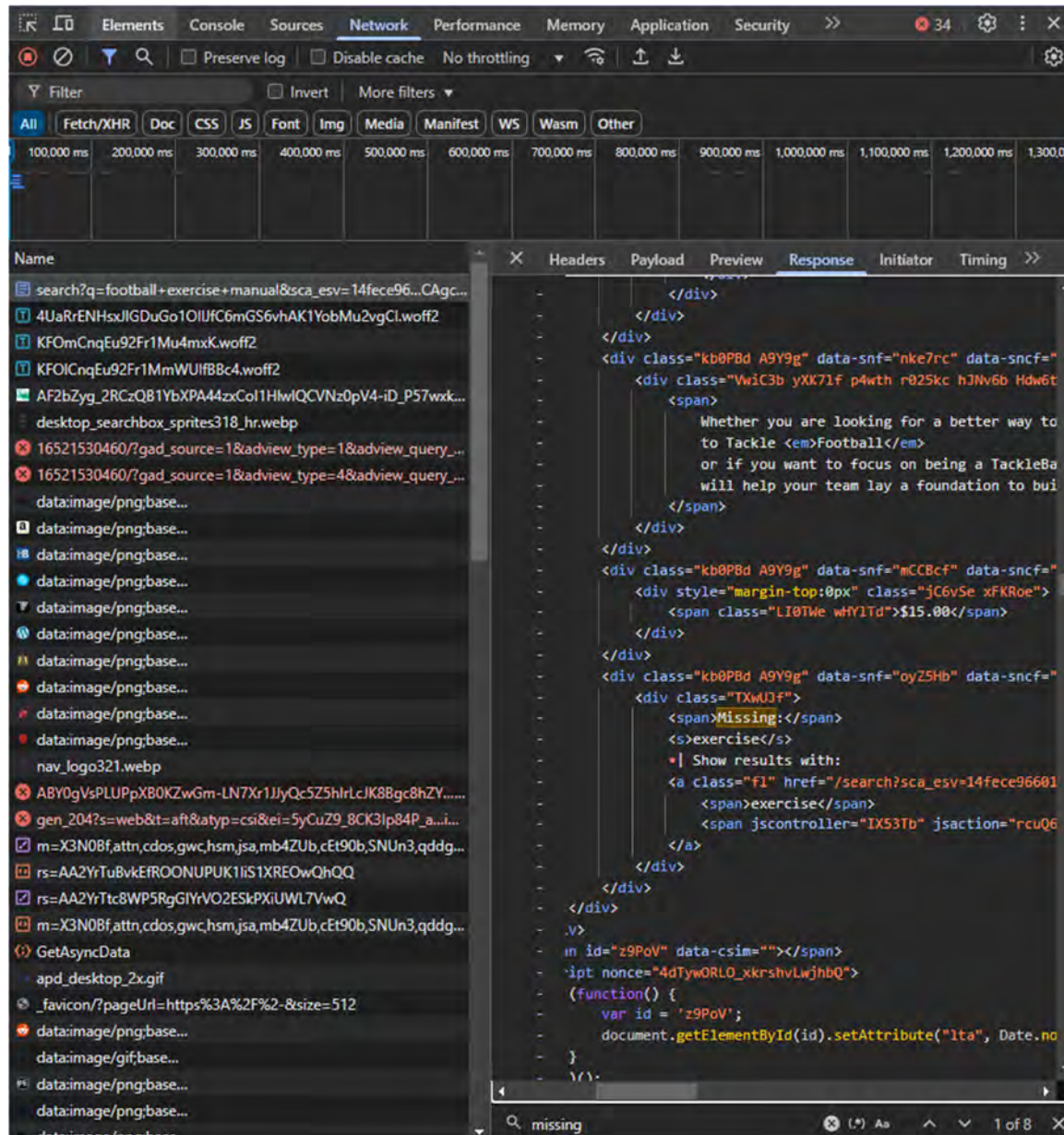


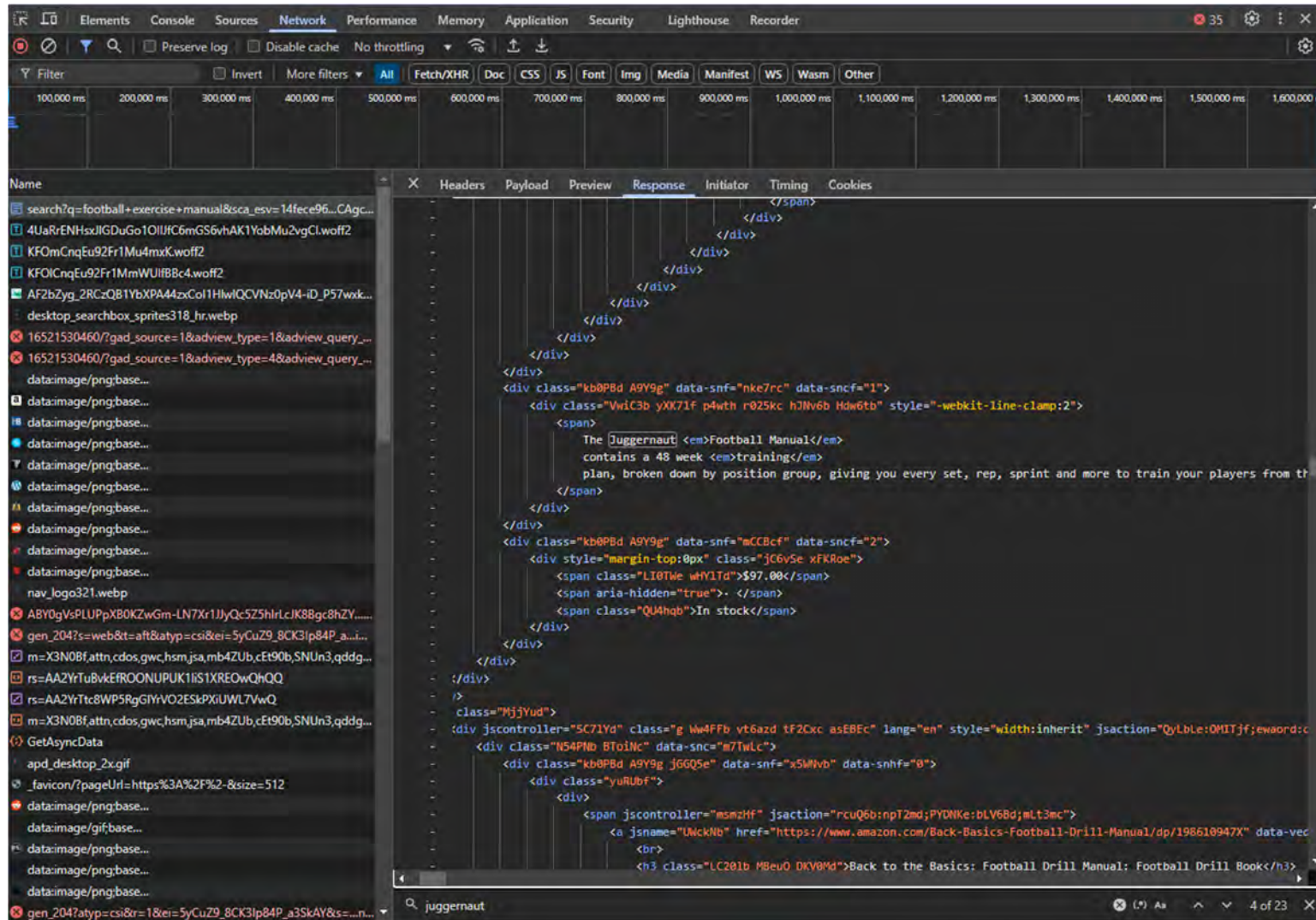
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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;	Google Search
<i>Id.</i> (showing response identifying missing term);	

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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;

Google Search



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[11.1] receiving a search request provided by the user from the computing device, the search request comprising one or more search term elements;	Google Search
<i>Id.</i> (showing example responses from server). The foregoing images from www.google.com (see developer tools – network): “Example Developer Tool Images”.	

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Claim [11.2]	
[11.2] causing an Internet search to be performed based at least in part on the search request in response to the user's provision of the search request;	Google Search
Google conducts a method that comprises causing an Internet search to be performed based at least in part on the search request in response to the user's provision of the search request (e.g., as demonstrated by the results occurring on the search results interface). For example, Google returns search results that correspond to the words entered into the search field:	

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[11.2] causing an Internet search to be performed based at least in part on the search request in response to the user's provision of the search request;

Google Search

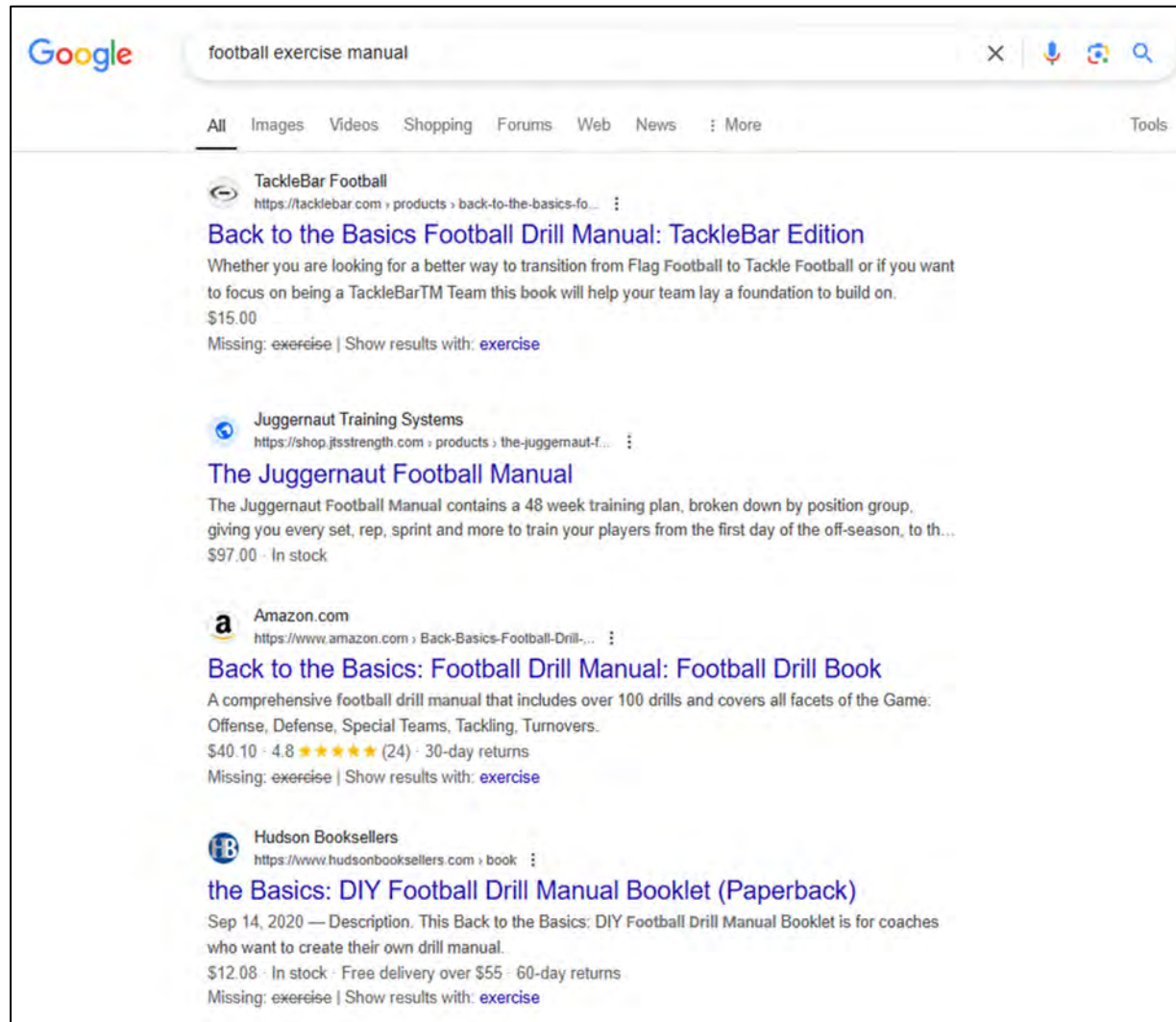


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[11.2] causing an Internet search to be performed based at least in part on the search request in response to the user's provision of the search request;	Google Search
See www.google.com ; see also https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/ ; https://developers.google.com/search/docs/appearance/visual-elements-gallery . See also Example Developer Tool Images.	

Claim [11.3]	
[11.3] transmitting to the computing device, via an Internet, information comprising at least one automatically annotated Internet search result;	Google Search
Google conducts a method that comprises transmitting to the computing device (e.g., transmitting to a user's computing device), via an Internet, information comprising at least one automatically annotated Internet search result (e.g., search results with annotation provided by Google). For example, Google annotates search results:	

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[11.3] transmitting to the computing device, via an Internet, information comprising at least one automatically annotated Internet search result;

Google Search

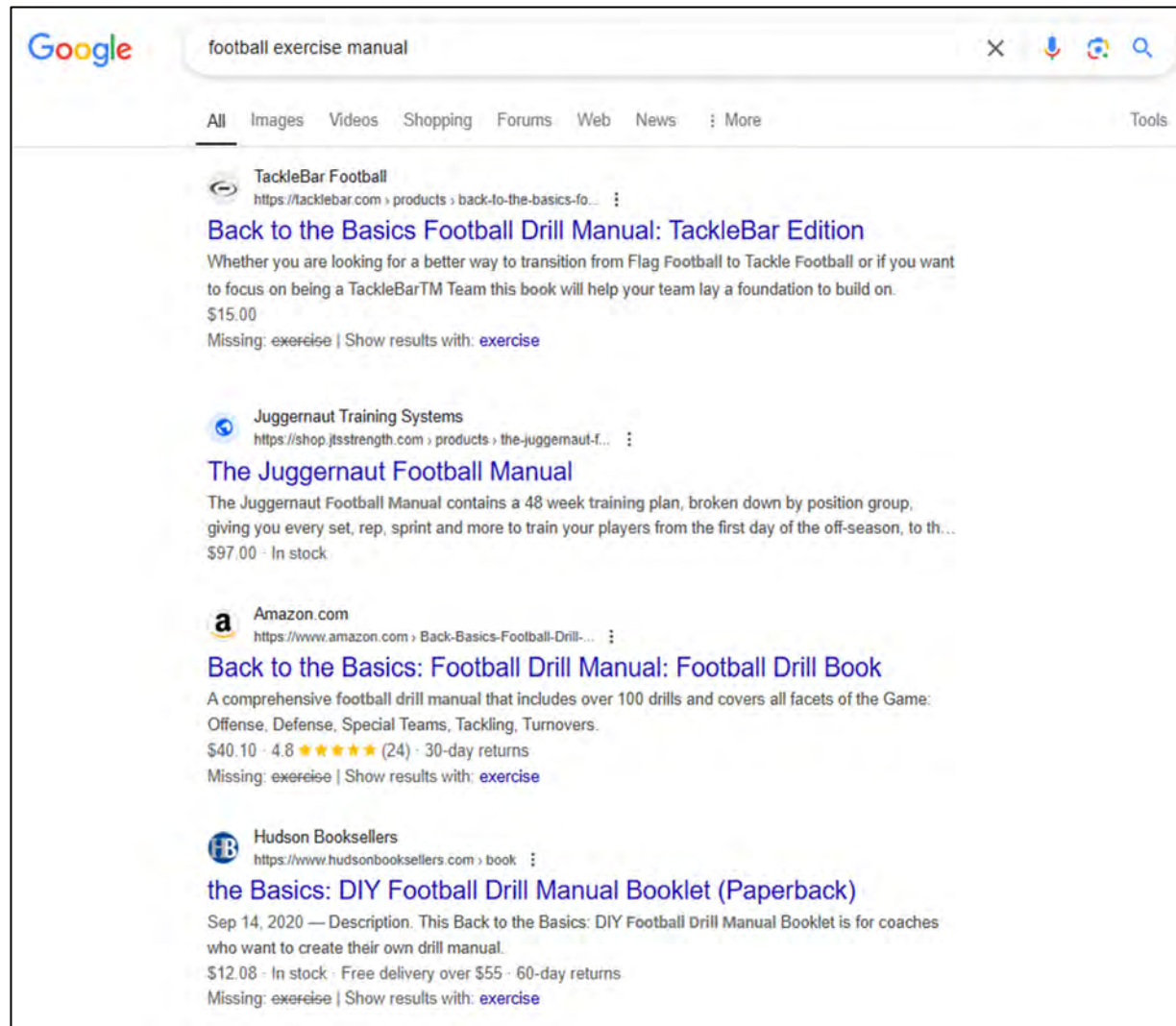


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[11.3] transmitting to the computing device, via an Internet, information comprising at least one automatically annotated Internet search result;

Google Search

See www.google.com; see also <https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/>; <https://developers.google.com/search/docs/appearance/visual-elements-gallery>.

The search results are annotated automatically, as demonstrated by the fact that the process is accomplished on the order of milliseconds. See also Example Developer Tool Images.

Introducing the three stages of Google Search

Google Search works in three stages, and not all pages make it through each stage:

1. **Crawling:** Google downloads text, images, and videos from pages it found on the internet with automated programs called crawlers.
2. **Indexing:** Google analyzes the text, images, and video files on the page, and stores the information in the Google index, which is a large database.
3. **Serving search results:** When a user searches on Google, Google returns information that's relevant to the user's query.

See <https://developers.google.com/search/docs/fundamentals/how-search-works>.

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Claim [11.4]	
[11.4] wherein the transmitted information is suitable for display on a search results webpage on the computing device;	Google Search
Google conducts a method wherein the transmitted information is suitable for display on a search results webpage on the computing device (e.g., a webpage rendered by a browser or viewer operating on a user's computing device). For example, Google search results are presented on a webpage:	

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[11.4] wherein the transmitted information is suitable for display on a search results webpage on the computing device;

Google Search

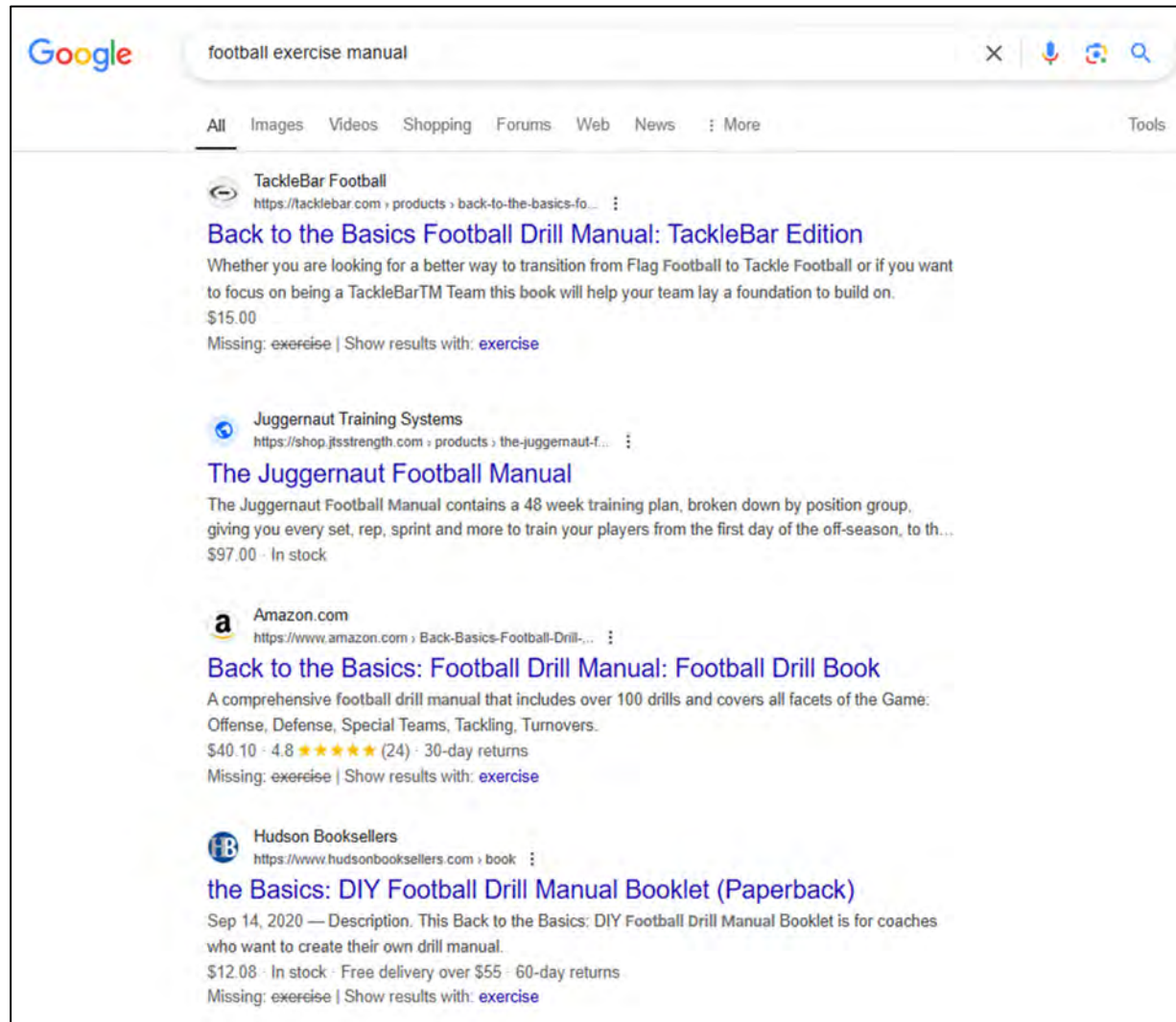


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[11.4] wherein the transmitted information is suitable for display on a search results webpage on the computing device;	Google Search
See www.google.com ; see also https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/ ; https://developers.google.com/search/docs/appearance/visual-elements-gallery .	

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Claim [11.5]	
[11.5] wherein the automatically annotated Internet search result is provided for display on the search results webpage as a search result grouping referencing a webpage associated with the automatically annotated Internet search result;	Google Search
Google conducts a method wherein the automatically annotated Internet search result is provided for display on the search results webpage as a search result grouping (e.g., groups indicated by an image or icon and text related to a returned URL, along with other information related to such URL, spaced apart from other results) referencing a webpage associated with the automatically annotated Internet search result (e.g., displaying at least a partial URL). For example, Google search results provide annotated groupings (<i>see, e.g.</i>, at least two groupings below):	

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[11.5] wherein the automatically annotated Internet search result is provided for display on the search results webpage as a search result grouping referencing a webpage associated with the automatically annotated Internet search result;

Google Search

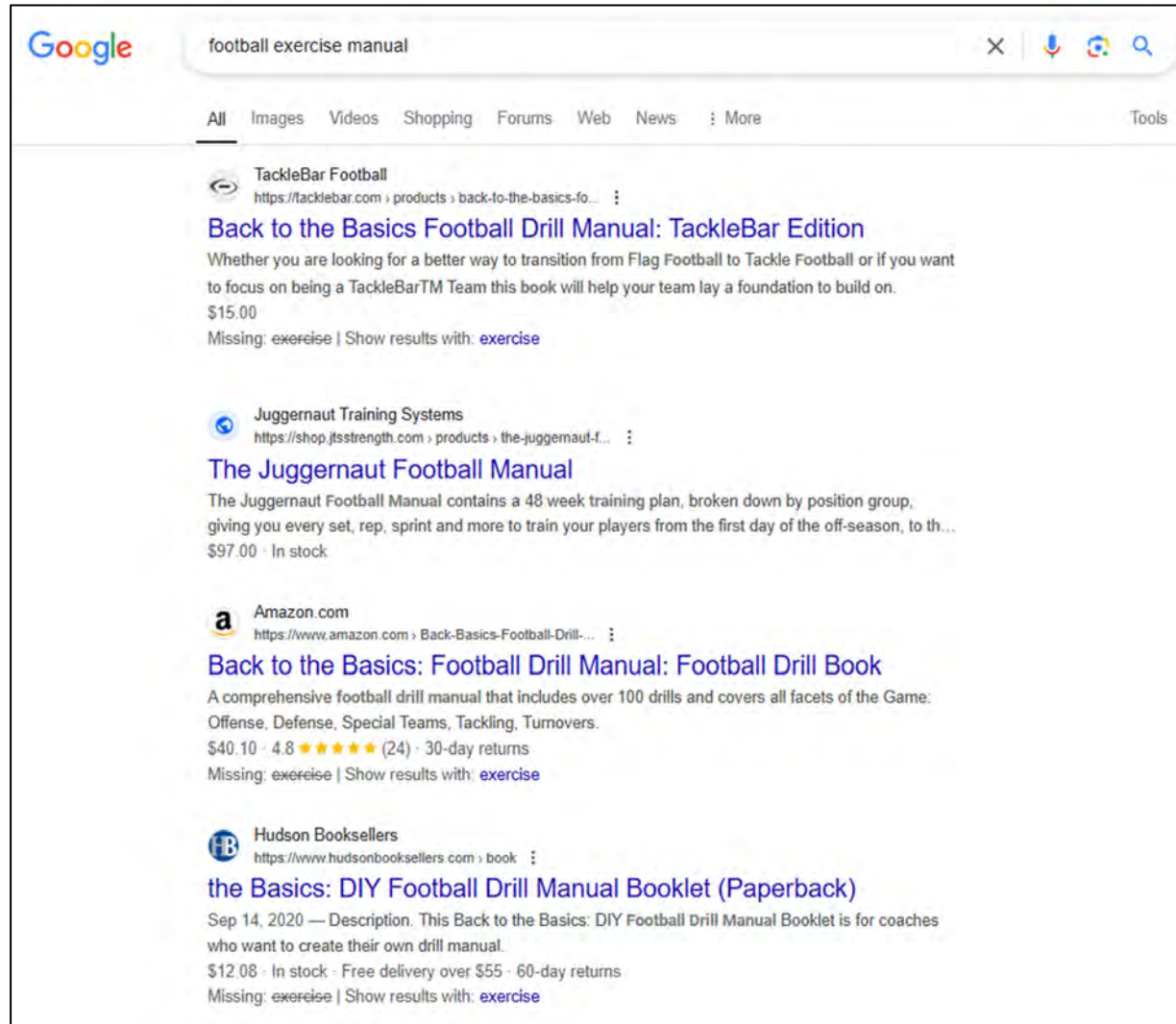


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[11.5] wherein the automatically annotated Internet search result is provided for display on the search results webpage as a search result grouping referencing a webpage associated with the automatically annotated Internet search result;	Google Search
See www.google.com ; see also https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/ ; https://developers.google.com/search/docs/appearance/visual-elements-gallery .	

Claim [11.6]	
[11.6] wherein the search result grouping comprises an annotation and at least one of: a title, an Internet link, an excerpt, or a URL;	Google Search
Google conducts a method wherein the search result grouping comprises an annotation and at least one of: a title, an Internet link, an excerpt, or a URL (e.g., a title of a webpage, an Internet link, an excerpt of a webpage, and a URL of a webpage). For example, Google search results groupings provide a title, hyperlink, excerpt, and associated URL:	

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[11.6] wherein the search result grouping comprises an annotation and at least one of: a title, an Internet link, an excerpt, or a URL;

Google Search

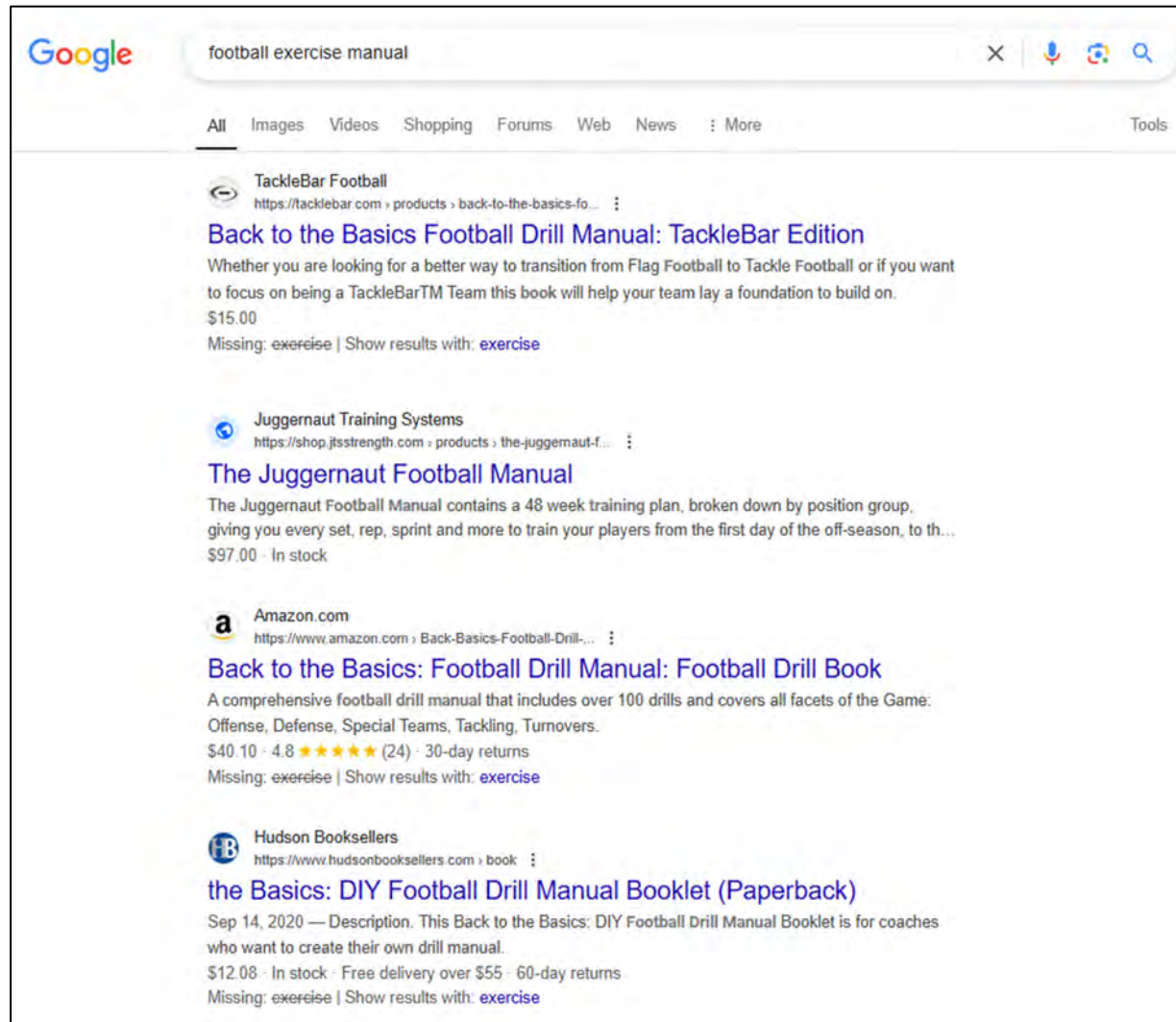


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[11.6] wherein the search result grouping comprises an annotation and at least one of: a title, an Internet link, an excerpt, or a URL;	Google Search
See www.google.com ; see also https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/ ; https://developers.google.com/search/docs/appearance/visual-elements-gallery .	

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Claim [11.7]	
[11.7] wherein the annotation is provided in response to a presence or absence of the one or more search term elements in the referenced webpage;	Google Search
Google conducts a method wherein the annotation is provided in response to a presence or absence of the one or more search term elements in the referenced webpage (see, e.g., top group showing the “missing: exercise” annotation and second group displayed with no such annotation). For example, Google annotates one or more groups of search results on the search results webpage:	

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[11.7] wherein the annotation is provided in response to a presence or absence of the one or more search term elements in the referenced webpage;

Google Search

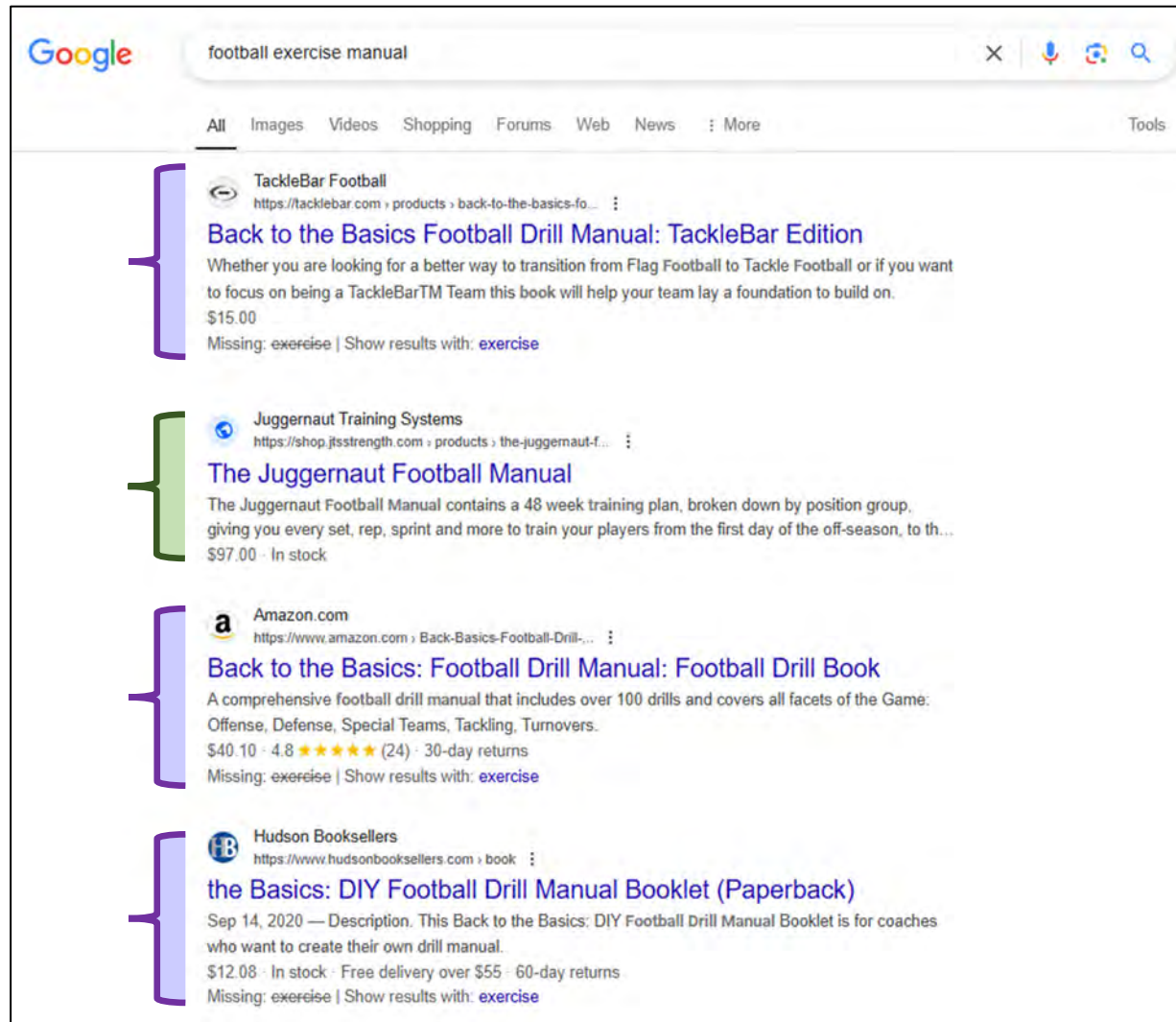


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[11.7] wherein the annotation is provided in response to a presence or absence of the one or more search term elements in the referenced webpage;	Google Search
See www.google.com (annotated); see also https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/; https://developers.google.com/search/docs/appearance/visual-elements-gallery. See also Example Developer Tool Images.	

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Claim [11.8]	
[11.8] wherein the annotation is automatically placed in the search result grouping so that it is associated with the automatically annotated Internet search result; and	Google Search
Google conducts a method wherein the annotation is automatically placed (e.g., using automatically generated HTML code and other data) in the search result grouping so that it is associated with the automatically annotated Internet search result.	

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[11.8] wherein the annotation is automatically placed in the search result grouping so that it is associated with the automatically annotated Internet search result; and

Google Search

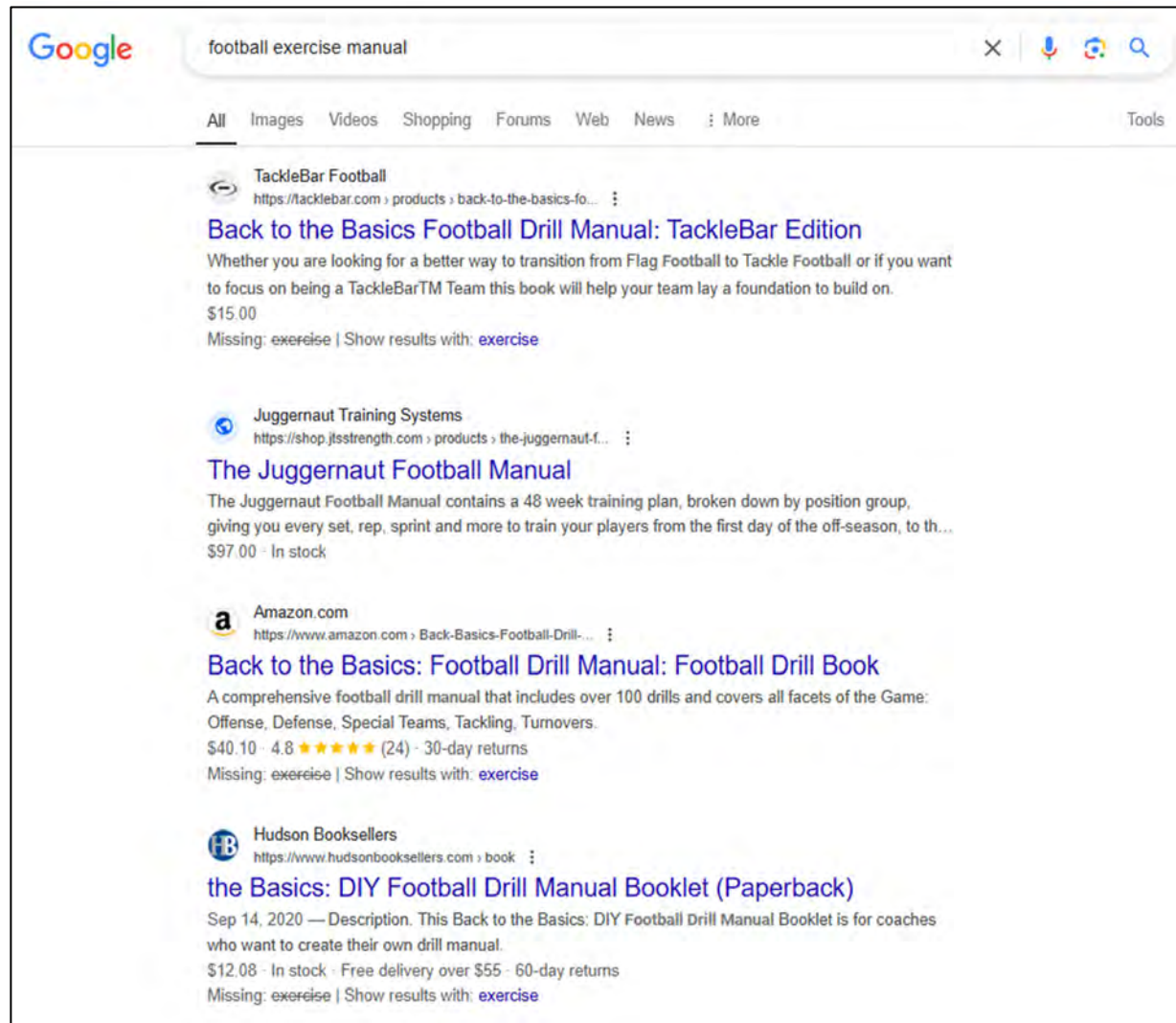


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[11.8] wherein the annotation is automatically placed in the search result grouping so that it is associated with the automatically annotated Internet search result; and	Google Search
See www.google.com; see also https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/; https://developers.google.com/search/docs/appearance/visual-elements-gallery. See also Example Developer Tool Images. The annotation is placed automatically, as indicated by the fact that the process is accomplished on the order of milliseconds: See Example Developer Tool Images (e.g., duration).	

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[11.8] wherein the annotation is automatically placed in the search result grouping so that it is associated with the automatically annotated Internet search result; and

Google Search

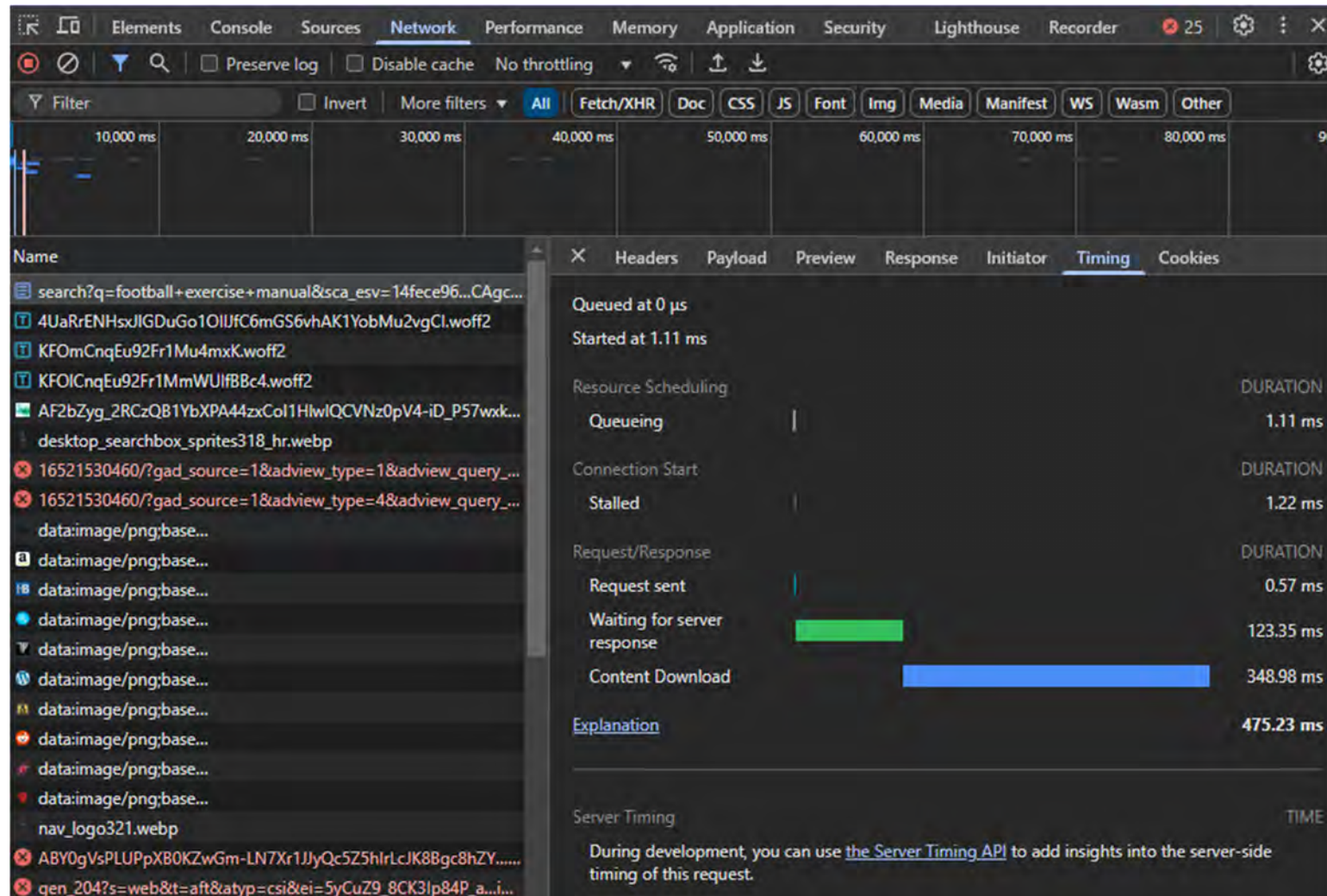


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[11.8] wherein the annotation is automatically placed in the search result grouping so that it is associated with the automatically annotated Internet search result; and

Google Search

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See <https://developers.google.com/search/docs/fundamentals/how-search-works>.

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Claim [11.9]	
[11.9] wherein the annotation comprises one or more search term elements missing in the referenced webpage and provides an indication that the automatically annotated Internet search result is less relevant with regard to what the user seeks.	Google Search
Google conducts a method wherein the annotation comprises one or more search term elements missing (e.g., “Missing: [missing search term element],” “Show results with: [missing search term element],” or a similar variant thereof) in the referenced webpage (e.g., next to the at least partial URL of the referenced webpage) and provides an indication that the automatically annotated Internet search result is less relevant with regard to what the user seeks (e.g., “Missing: [missing search term element],” “Show results with: [missing search term element],” or a similar variant thereof and display of other groups that do not indicate a missing term). For example, Google provides search results that on a webpage that serves as a user interface that distinguishes between less relevant search results that do not contain a search term element:	

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[11.9] wherein the annotation comprises one or more search term elements missing in the referenced webpage and provides an indication that the automatically annotated Internet search result is less relevant with regard to what the user seeks.

Google Search

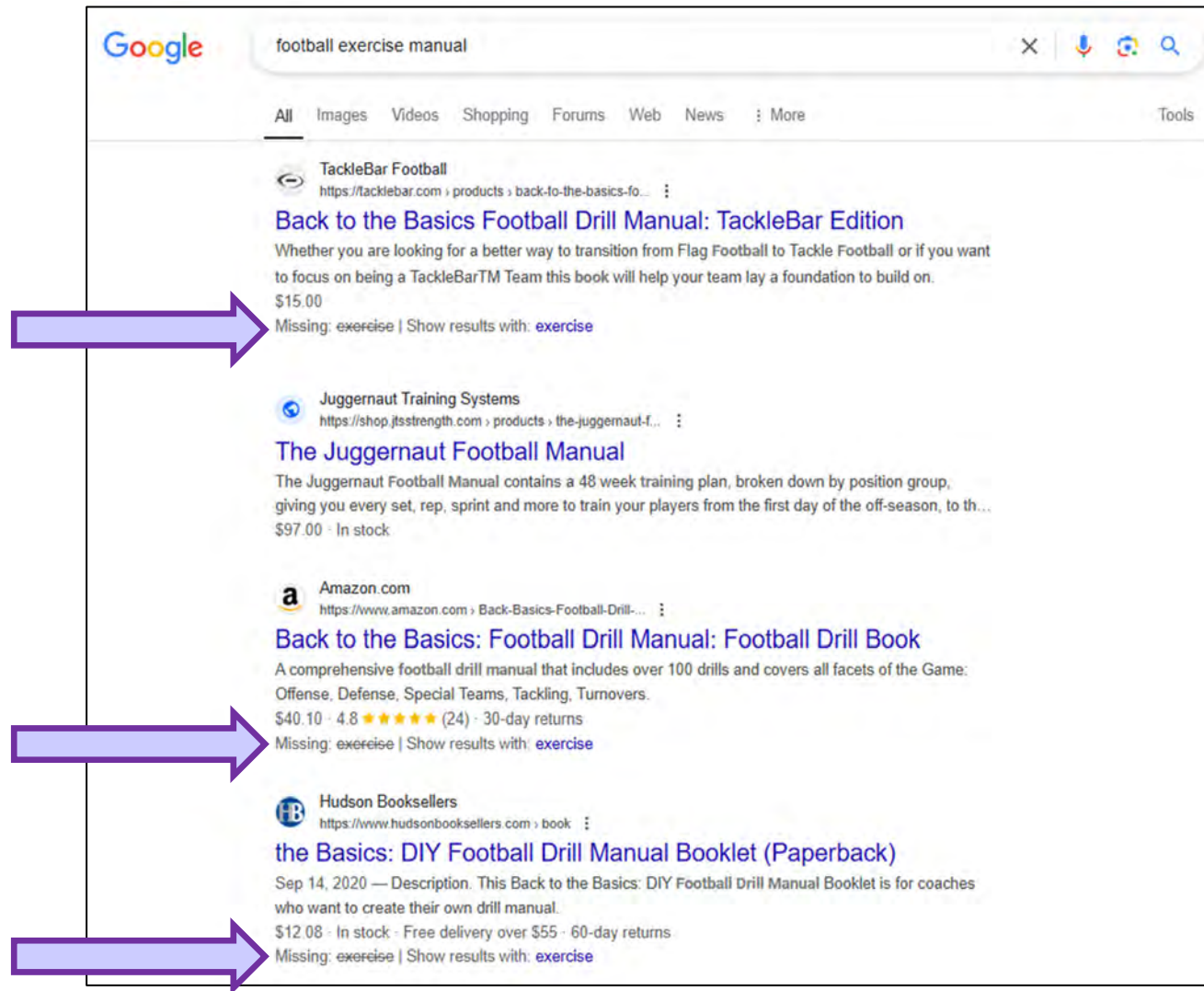


Exhibit A
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[11.9] wherein the annotation comprises one or more search term elements missing in the referenced webpage and provides an indication that the automatically annotated Internet search result is less relevant with regard to what the user seeks.	Google Search
See www.google.com (annotated); see also https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/; https://developers.google.com/search/docs/appearance/visual-elements-gallery. See also Example Developer Tool Images.	

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Claim [1]

[1.Pre] A system for providing annotated Internet search results suitable for display to a user of a computing device connected to an Internet, wherein the system comprises:

Google Search

Google provides a system for providing annotated Internet search results suitable for display to a user of a computing device connected to an Internet.

See Claim [11.Pre].

Claim [1.1]

[1.1] one or more servers comprising one or more processors, wherein at least one of the one or more servers is connected to the Internet; and

Google Search

Google provides one or more servers comprising one or more processors (**e.g., servers and logic running those servers on or in connection with the google.com domain**), wherein at least one of the one or more servers is connected to the Internet.

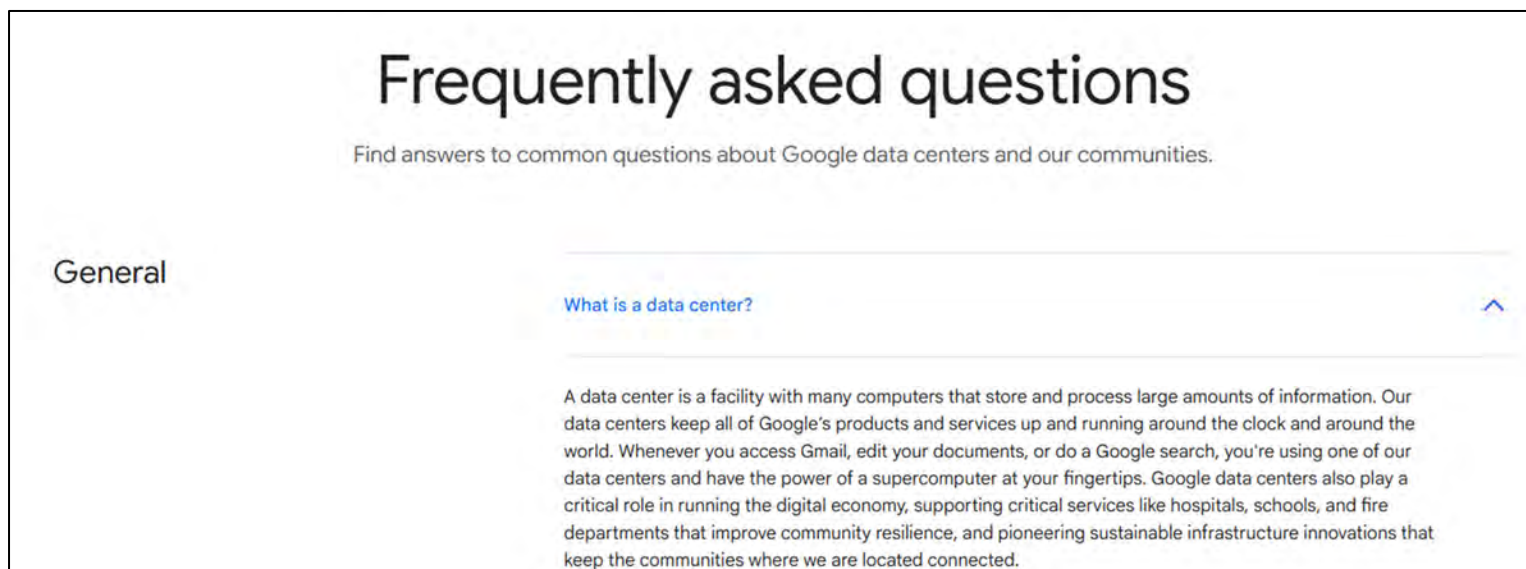


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[1.1] one or more servers comprising one or more processors, wherein at least one of the one or more servers is connected to the Internet; and	Google Search
See https://datacenters.google/discover-more/faq/ .	

Claim [1.2]	
[1.2] wherein the system receives a search request provided from the user of the computing device, the search request comprising one or more search term elements;	Google Search
Google provides a system that receives a search request provided from the user of the computing device, the search request comprising one or more search term elements. See Claim [11.1].	

Claim [1.3]	
[1.3] wherein in response to the user's provision of the search request the system causes an Internet search to be performed based at least in part on the search request;	Google Search
Google provides a system wherein in response to the user's provision of the search request the system causes an Internet search to be performed based at least in part on the search request. See Claim [11.2].	

Claim [1.4]	
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[1.4] wherein the system transmits to the computing device, via the Internet, information comprising at least one automatically annotated Internet search result, and wherein the transmitted information is suitable for display on a search results webpage on the computing device;	Google Search
Google provides a system that transmits to the computing device, via the Internet, information comprising at least one automatically annotated Internet search result, and wherein the transmitted information is suitable for display on a search results webpage on the computing device. See Claim [11.3] and [11.4].	

Claim [1.5]	
[1.5] wherein the automatically annotated Internet search result is provided for display on the search results webpage as a search result grouping referencing a webpage associated with the automatically annotated Internet search result;	Google Search
Google provides a system wherein the automatically annotated Internet search result is provided for display on the search results webpage as a search result grouping referencing a webpage associated with the automatically annotated Internet search result. See Claim [11.5].	

Claim [1.6]	
[1.6] wherein the search result grouping comprises an annotation and at least one of: a title, an Internet link, an excerpt, or a URL;	Google Search
Google provides a system wherein the search result grouping comprises an annotation and at least one of: a title, an Internet link, an excerpt, or a URL. See Claim [11.6].	

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Claim [1.7]	
[1.7] wherein the annotation is provided in response to a presence or absence of the one or more search term elements in the referenced webpage;	Google Search
Google provides a system wherein the annotation is provided in response to a presence or absence of the one or more search term elements in the referenced webpage. See Claim [11.7].	

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Claim [1.8]	
[1.8] wherein the annotation is automatically placed in the search result grouping so that it is associated with the automatically annotated Internet search result; and	Google Search
Google provides a system wherein the annotation is automatically placed in the search result grouping so that it is associated with the automatically annotated Internet search result. See Claim [11.8].	

Claim [1.9]	
[1.9] wherein the annotation comprises one or more search term elements missing in the referenced webpage and provides an indication that the automatically annotated Internet search result is less relevant with regard to what the user seeks.	Google Search
Google provides a system wherein the annotation comprises one or more search term elements missing in the referenced webpage and provides an indication that the automatically annotated Internet search result is less relevant with regard to what the user seeks. See Claim [11.9].	

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Claim [2]	
[2] The system of claim 1, wherein the annotation is provided also in response to a presence or absence of the one or more search term elements in one or more descendant webpages of the referenced webpage, and wherein each descendant of the referenced webpage is a webpage linked directly one level from the referenced webpage.	Google Search
Google provides a system wherein the annotation is provided also in response to a presence or absence of the one or more search term elements in one or more descendant webpages (e.g., webpages linked within webpages returned in search results) of the referenced webpage, and wherein each descendant of the referenced webpage is a webpage linked directly one level from the referenced webpage (e.g., in instances where content from linked webpages is embedded into search result webpage or based upon other processes associated with Google crawling). On information and belief, in at least some instances, when a search result does not contain a search term, but the descendent pages of that search result do contain the missing term, Google will not display the missing term annotation with respect to the search result based on the fact that the search term appears in one or more of the descendant webpages that are linked to from the webpage referenced by the search result. For example, the image below shows a search result with no annotation:	

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The screenshot shows an eBay search results page for 'Ultrasonic Soft Bristles Electric Toothbrushes'. The page includes a header with the eBay logo, a search bar, and a list of search results. A green box highlights the search bar with the text 'fine' is missing but not annotated. A green arrow points from this box to the search results. Another green box highlights the search results with the text 'Descendant Webpage Includes Missing Term "fine" [Continued on the next page]'. A third green box highlights the search results with the text 'Phrase not found'.

Ultrasonic Soft Bristles Electric Toothbrushes for sale

Get the best deals on Ultrasonic Soft Bristles Electric Toothbrushes when you shop the largest online selection at eBay.com. Free shipping on many items ...

4.5 ★ store rating (2K) - \$10 to \$110 - Free delivery

Search for anything

Ultrasonic Soft Bristles Electric Toothbrushes

Shop by category

Electric Oral & Dental Care

Electric Toothbrushes

Air & Water Flossers

Toothbrush Replacement Heads

144 results

Sort by: Best Match

Price: \$10 to \$110

Features: Cordless, Corded, Rechargeable, Manual

1" Unit, 8" Brush, 1" Cord

Find

highlight All

Match Case

Match Description

Whole Words

Phrase not found

Descendant Webpage Includes Missing Term "fine" [Continued on the next page]

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[Continued from previous page]
Descendant Webpage Includes Missing Term "fine"

Descendant Page
Includes
Missing Term

"fine" is present on
descendant page

Oral Cleaning Electric Toothbrush Ultrasonic Electric Toothbrush USB Rechargeable

US \$11.20/ea

fine

1 of 1 made

Reached end of page, continued from top.

Verified purchase

I usually use a Philips electric toothbrush, but this one is much lighter in comparison, which makes it very easy to handle. After trying it, I feel the cleaning power is a little weaker than Philips, but I will continue to use it for a while to see the results. The packaging and overall product quality are excellent, and everything arrived in perfect condition. The only small concern might be the waterproof performance, but so far it works fine. Overall, a very good product for the price.

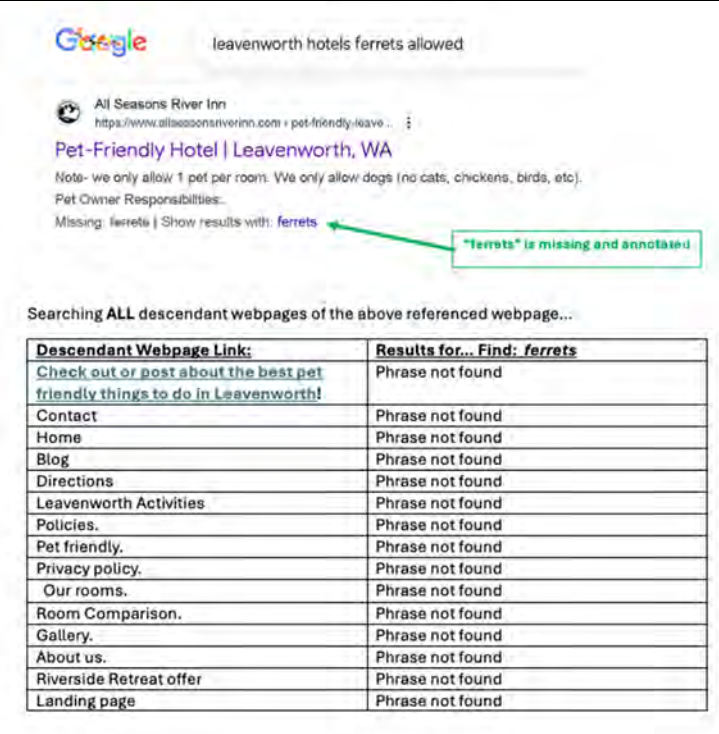
On information and belief, the converse of the scenario described and demonstrated above is also true. (i.e., in at least some instances, Google's System's contains logic that will lead to the display of a missing search term annotation with respect to a search result, based in part on the absence of the search terms in the webpages that descend one level from the webpage referenced by the search result, as shown in the exemplary images below:

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[2] The system of claim 1, wherein the annotation is provided also in response to a presence or absence of the one or more search term elements in one or more descendant webpages of the referenced webpage, and wherein each descendant of the referenced webpage is a webpage linked directly one level from the referenced webpage.

Google Search

For example, the following search result is presented with an annotation:



The screenshot shows a Google search result for the query "leavenworth hotels ferrets allowed". The top result is for "All Seasons River Inn" with the URL "https://www.allseasonsriverrinn.com/pet-friendly/leavenworth-wa/". The page title is "Pet-Friendly Hotel | Leavenworth, WA". Below the title, it says "Note- we only allow 1 pet per room. We only allow dogs (no cats, chickens, birds, etc)." and "Pet Owner Responsibilities:". The search results section shows "Missing: ferrets | Show results with: ferrets". A green arrow points from a green box containing the text "ferrets" is missing and annotated" to the word "ferrets" in the search results.

Searching ALL descendant webpages of the above referenced webpage...

Descendant Webpage Link:	Results for... Find: ferrets
Check out or post about the best pet friendly things to do in Leavenworth!	Phrase not found
Contact	Phrase not found
Home	Phrase not found
Blog	Phrase not found
Directions	Phrase not found
Leavenworth Activities	Phrase not found
Policies.	Phrase not found
Pet friendly.	Phrase not found
Privacy policy.	Phrase not found
Our rooms.	Phrase not found
Room Comparison.	Phrase not found
Gallery.	Phrase not found
About us.	Phrase not found
Riverside Retreat offer	Phrase not found
Landing page	Phrase not found

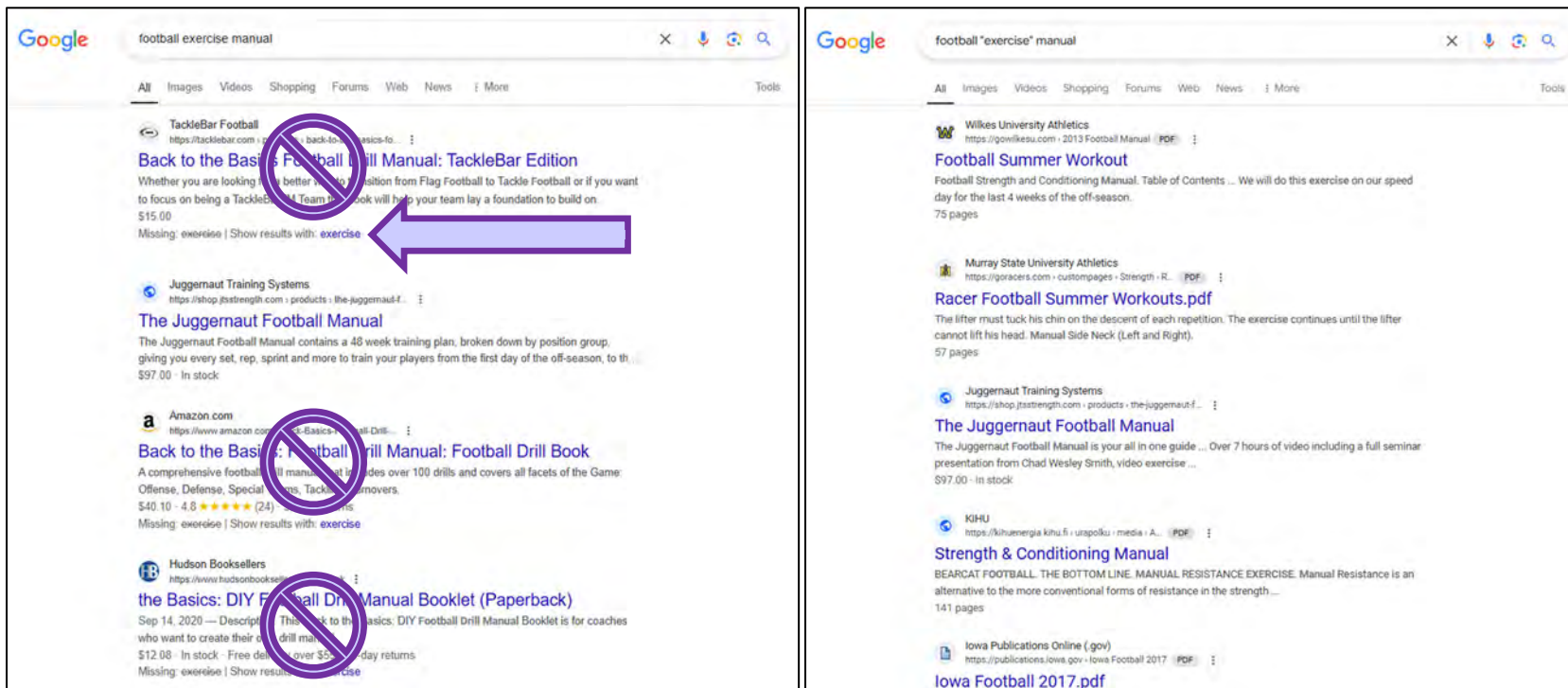
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Claim [3]	
[3] The system of claim 2, wherein the system further provides a selectable filtering function that, when selected by the user, causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device.	Google Search
Google provides system with a selectable filtering function (e.g., a hyperlink or other option associated with the terms “Missing: [missing search term element],” “Show results with: [missing search term element],” or similar variant thereof) that, when selected by the user (e.g., by clicking the hyperlink or selecting the option), causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device (e.g., no longer showing search result that referenced a webpage that does not contain the search element). Google provides a system in which the updated Internet search user interface does not display the first Internet search result (e.g., no longer showing search result that referenced a webpage that does not contain the search element).	

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[3] The system of claim 2, wherein the system further provides a selectable filtering function that, when selected by the user, causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device.

Google Search



See www.google.com (image on right obtained after clicking first hyperlink labeled “exercise” and not displaying one or more first Internet search results, as annotated); see also <https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/>; <https://developers.google.com/search/docs/appearance/visual-elements-gallery>.

See also Example Developer Tool Images.

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Claim [4]	
[4] The system of claim 2, wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements.	Google Search
Google provides a system wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements (e.g., indicated by the words “Sponsored” or “Ad” one search results pages”). Google provides one or more sponsored links that are related to search term elements:	

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[4] The system of claim 2, wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements.

Google Search

Search campaigns: Text ads on search results

Search campaigns are text ads on search results that let you reach people while they're searching on Google for the products and services you offer.

It's great for driving sales, leads, or traffic to your website, as you can show your ads to people actively searching for your products and services.

Why choose Search campaigns

Sales and leads:

- Boost your online sales and signups.
- Consider using leads if you have a longer sales cycle.

Easy setup:

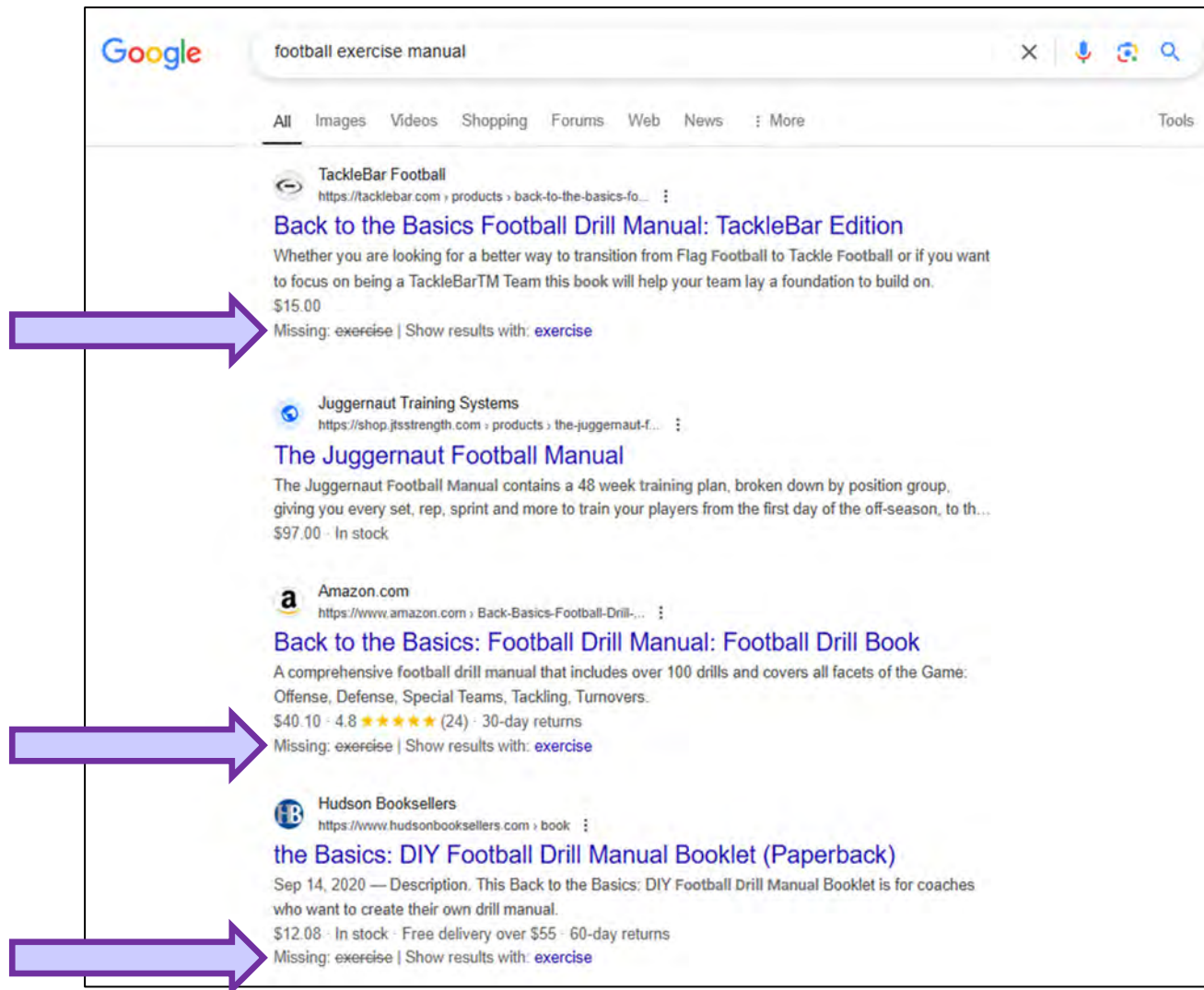
- Write text ads and pick keywords.
- Skip special files or assets.
- **Highly specific targeting:** Reach people actively searching for what you offer.

See https://support.google.com/google-ads/answer/2567043?hl=en&ref_topic=10286612,3181080,3126923,&sjid=2416158513707060248-NA&visit_id=638567559239781313-1816988681&rd=1.

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Claim [5]	
[5] The system of claim 2, wherein the annotation comprises text representing at least one search term element in at least one of the following formats: (i) a font representing the text has been altered; or (ii) the text is shown with one or more lines merged with the text; or (iii) the text is shown with one or more lines superimposed thereupon; or (iv) the text is shown within a shaded area; or (v) the text is shown with a reversed format.	Google Search
Google provides a system where the font of the annotation comprising text representing at least one search term element is provided in one or more formats (e.g., altered, includes lines merged with the text, or is shown with lines superimposed thereupon).	

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See www.google.com (annotated); see also <https://www.google.com/intl/en/search/howsearchworks/our-approach/ads-on-search/>; <https://developers.google.com/search/docs/appearance/visual-elements-gallery>.

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Claim [6]	
[6] The system of claim 1, wherein the system further provides a selectable filtering function that, when selected by the user, causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device.	Google Search
Google provides a system that provides a selectable filtering function that, when selected by the user, causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device. See Claim [3].	

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Claim [7]	
[7] The system of claim 1, wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements.	Google Search
Google provides a system wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements. See Claim [4].	

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Claim [8]	
[8] The system of claim 1, wherein the annotation comprises text representing at least one search term element in at least one of the following formats: (i) a font representing the text has been altered; or (ii) the text is shown with one or more lines merged with the text; or (iii) the text is shown with one or more lines superimposed thereupon; or (iv) the text is shown within a shaded area; or (v) the text is shown with a reversed format.	Google Search
Google provides a system where the font of the annotation comprising text representing at least one search term element is provided in one or more formats (e.g., altered, includes lines merged with the text, or is shown with lines superimposed thereupon). See Claim [5].	

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Claim [10]	
[10] The system of claim 1 wherein the annotation enables the user to reduce lost time, thereby speeding an Internet search process.	Google Search
Google provides a system wherein the annotation enables the user to reduce lost time (e.g., avoiding having to click on irrelevant websites), thereby speeding an Internet search process.	

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Claim [12]	
[12] The method of claim 11, wherein the annotation is provided also in response to a presence or absence of the one or more search term elements in one or more descendant webpages of the referenced webpage, and wherein each descendant of the referenced webpage is a webpage linked directly one level from the referenced webpage.	Google Search
Google conducts a method wherein the annotation is provided also in response to a presence or absence of the one or more search term elements in one or more descendant webpages of the referenced webpage, and wherein each descendant of the referenced webpage is a webpage linked directly one level from the referenced webpage. See Claim [2].	

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Claim [13]	
[13] The method of claim 12, wherein the system further provides a selectable filtering function that, when selected by the user, causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device.	Google Search
Google conducts a method wherein the system further provides a selectable filtering function that, when selected by the user, causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device. See Claim [3].	

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Claim [14]	
[14] The method of claim 12 wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements.	Google Search
Google conducts a method wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements. See Claim [4].	

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Claim [15]	
[15] The method of claim 12 wherein the annotation comprises text representing at least one search term element in at least one of the following formats: (i) a font representing the text has been altered; or (ii) the text is shown with one or more lines merged with the text; or (iii) the text is shown with one or more lines superimposed thereupon; or (iv) the text is shown within a shaded area; or (v) the text is shown with a reversed format.	Google Search
Google provides a system where the font of the annotation comprising text representing at least one search term element is provided in one or more formats (e.g., altered, includes lines merged with the text, or is shown with lines superimposed thereupon). See Claim [5].	

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Claim [16]	
[16] The method of claim 11, wherein the system further provides a selectable filtering function that, when selected by the user, causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device.	Google Search
Google conducts a method wherein the system further provides a selectable filtering function that, when selected by the user, causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device. See Claim [3].	

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Claim [17]	
[17] The method of claim 11 wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements.	Google Search
Google conducts a method wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements. See Claim [4].	

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Claim [18]	
[18] The method of claim 11 wherein the annotation comprises text representing at least one search term element in at least one of the following formats: (i) a font representing the text has been altered; or (ii) the text is shown with one or more lines merged with the text; or (iii) the text is shown with one or more lines superimposed thereupon; or (iv) the text is shown within a shaded area; or (v) the text is shown with a reversed format.	Google Search
Google provides a system where the font of the annotation comprising text representing at least one search term element is provided in one or more formats (e.g., altered, includes lines merged with the text, or is shown with lines superimposed thereupon). See Claim [5].	

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Claim [19]	
[19] The method of claim 11 wherein the annotation enables the user to reduce lost time, thereby speeding an Internet search process.	Google Search
Google conducts a method wherein the annotation enables the user to reduce lost time, thereby speeding an Internet search process. See Claim [10].	

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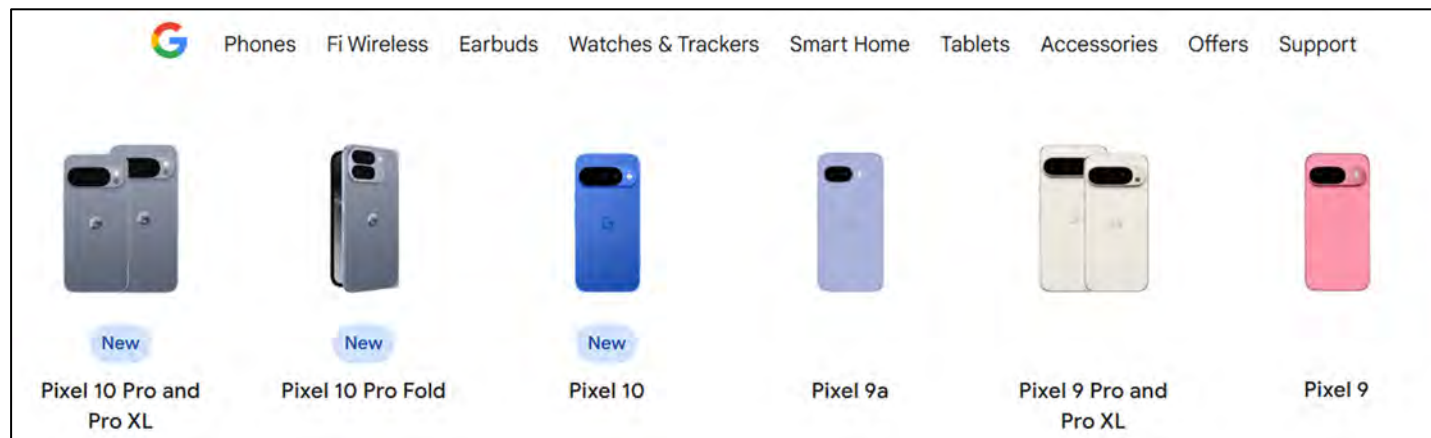
Claim [20]

[20] A computing device apparatus for initiating an Internet search and for providing annotated Internet search results for display on the computing device, wherein the apparatus comprises:

Google Search

Google provides a computing device for initiating an Internet search and for providing annotated Internet search results for display on the computing device.

For example Google sells smartphones (e.g., the Google Pixel)

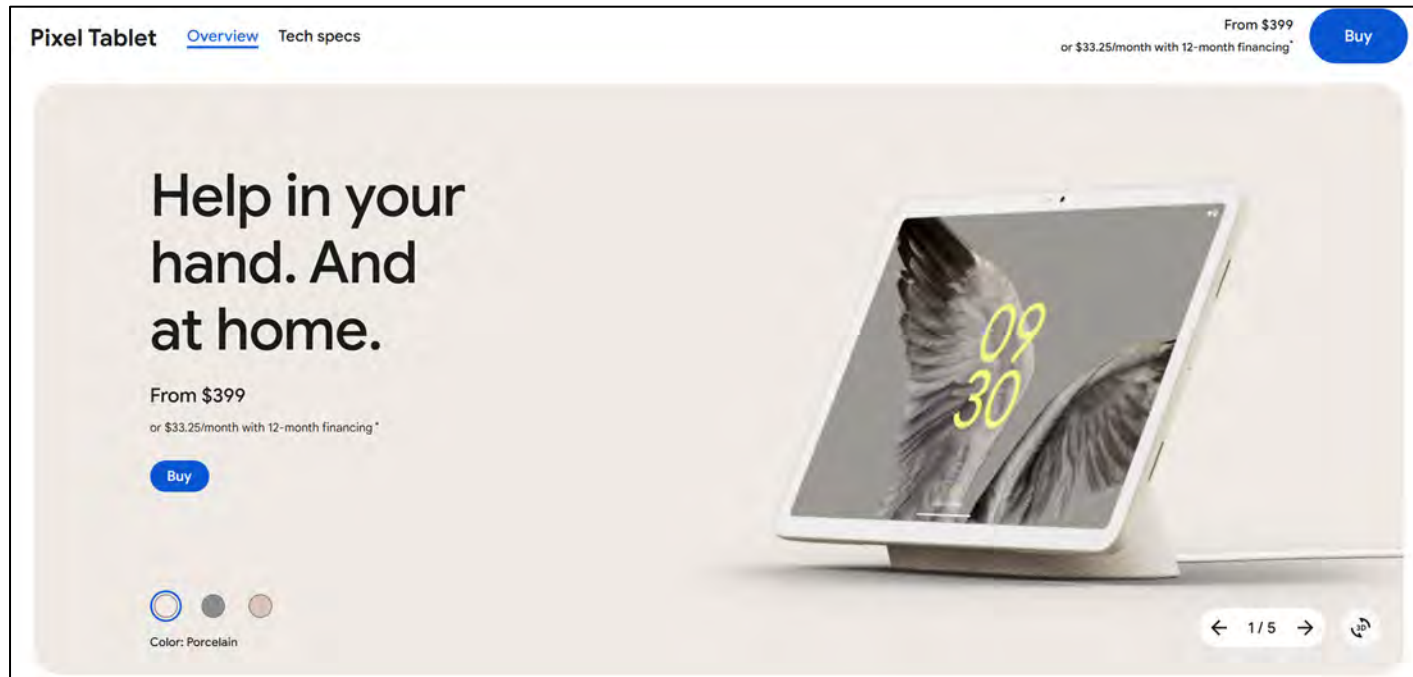


See <https://store.google.com/category/phones?hl=en-US&pli=1>.

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[20] A computing device apparatus for initiating an Internet search and for providing annotated Internet search results for display on the computing device, wherein the apparatus comprises:

Google Search

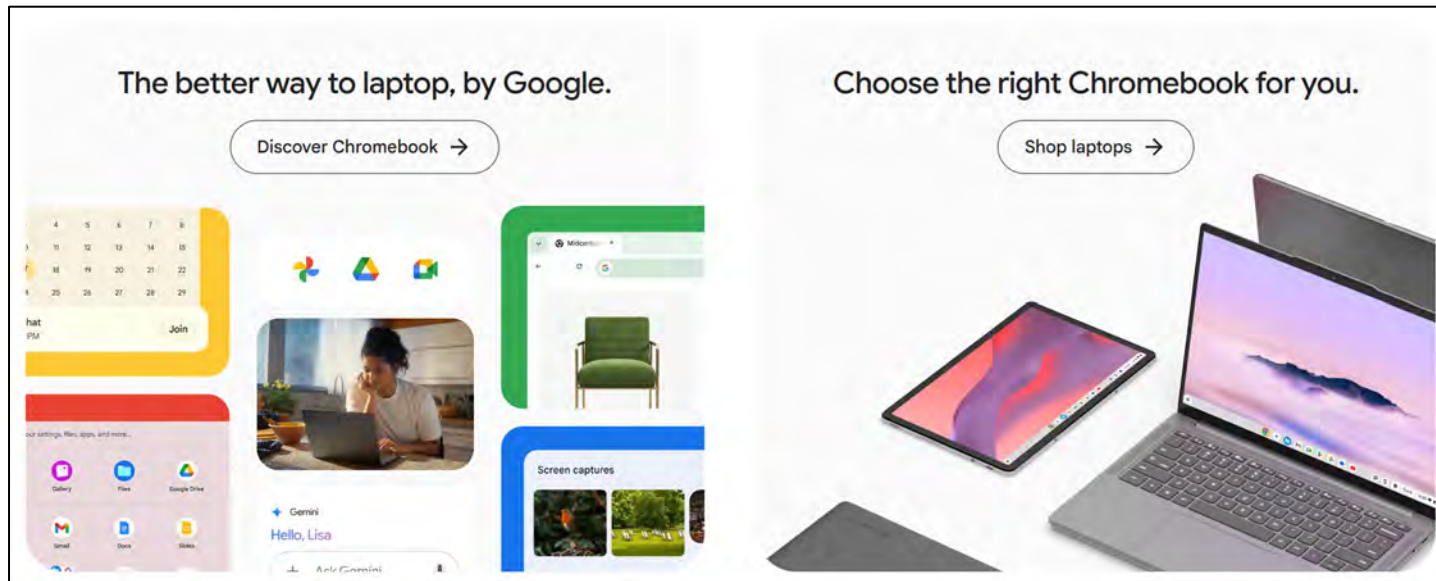


See https://store.google.com/product/pixel_tablet?hl=en-US.

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[20] A computing device apparatus for initiating an Internet search and for providing annotated Internet search results for display on the computing device, wherein the apparatus comprises:

Google Search



See <https://www.google.com/chromebook/>.

Google also provides the computer code necessary to run and render the Google Search webpages on user devices.

See also Claim [11.Pre].

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Claim [20.1]

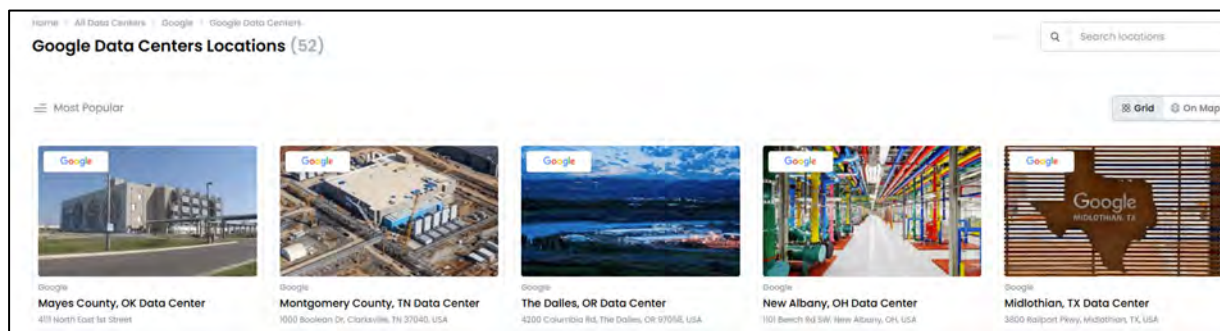
[20.1] a computing device having a connection to an Internet, and enabled for communicating with a user and a remote server, wherein the computing device sends, receives, and displays information related to the Internet search; and

Google Search

Google provides a computing device (**e.g., home computer, smart phone, or tablet**) having a connection to an Internet, and enabled for communicating with a user and a remote server (**e.g., in a different location from the computing device**), wherein the computing device sends, receives, and displays information related to the Internet search.

See also Claim [20.Pre] and [11.Pre].

Google servers are remote:

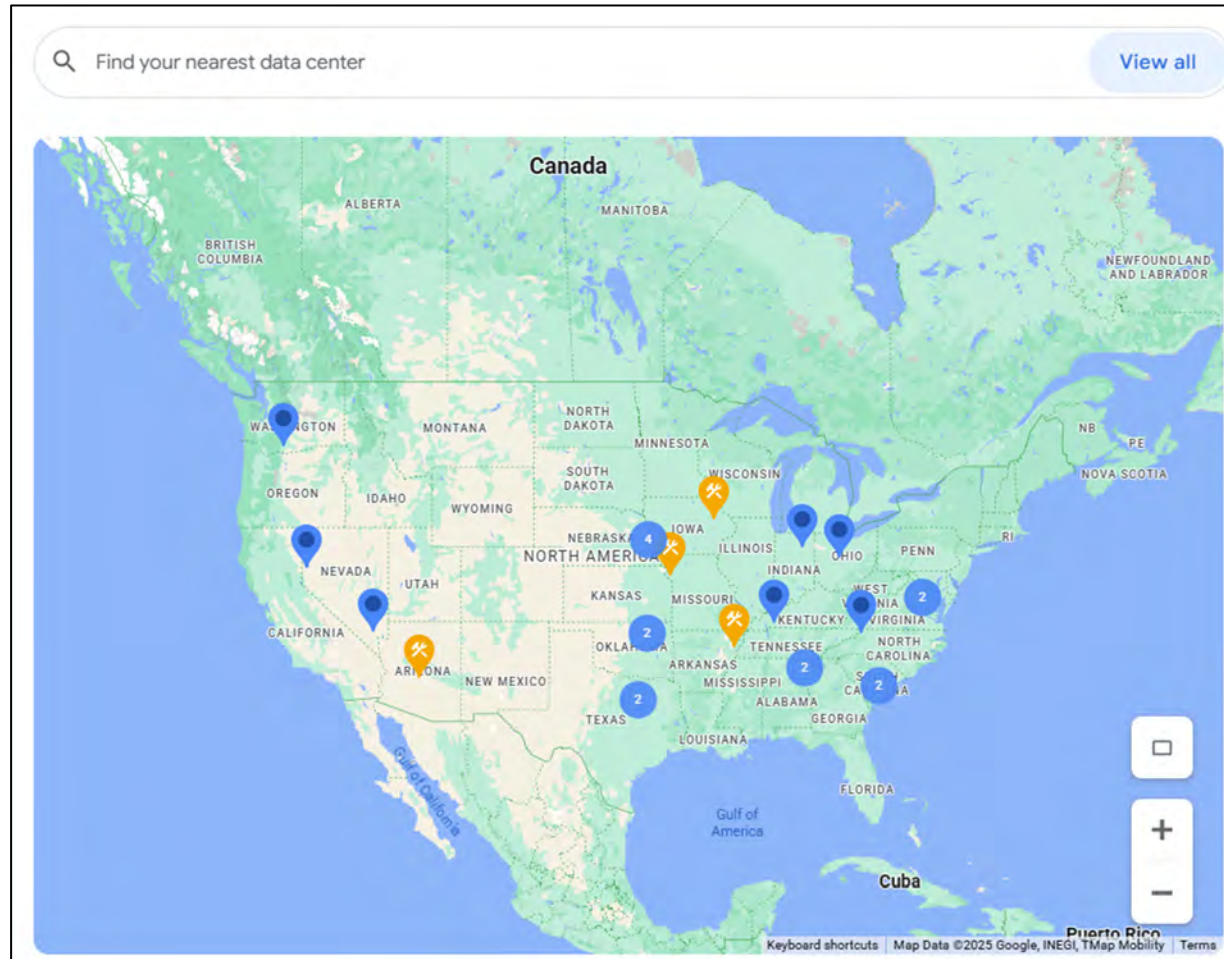


See <https://www.datacenters.com/providers/google/data-center-locations>.

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[20.1] a computing device having a connection to an Internet, and enabled for communicating with a user and a remote server, wherein the computing device sends, receives, and displays information related to the Internet search; and

Google Search

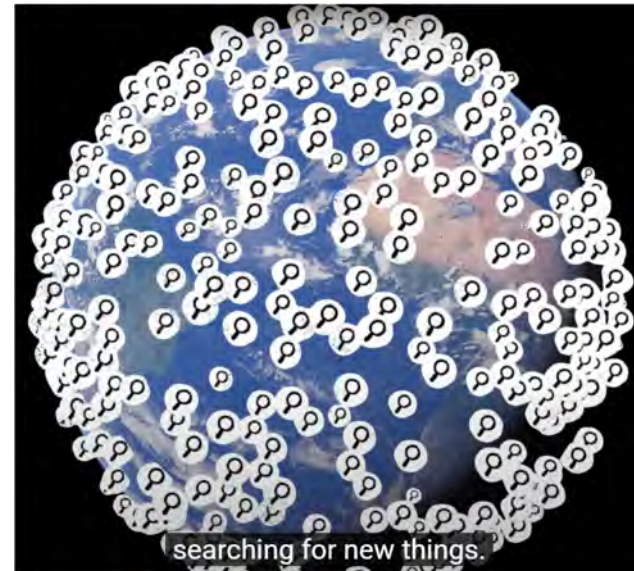
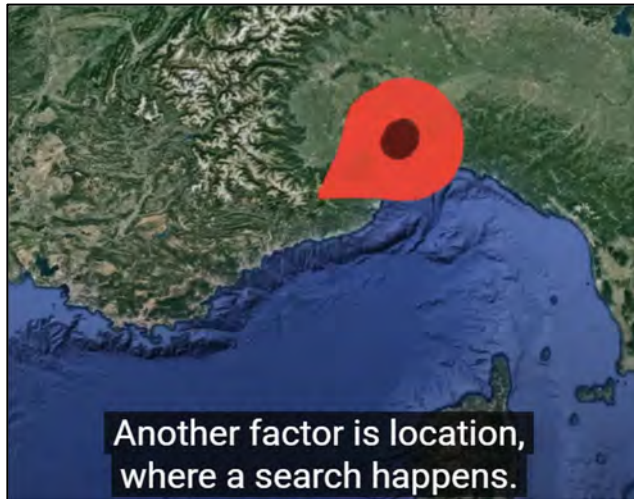


See <https://datacenters.google/locations/>.

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[20.1] a computing device having a connection to an Internet, and enabled for communicating with a user and a remote server, wherein the computing device sends, receives, and displays information related to the Internet search; and

Google Search



See https://www.google.com/intl/en_us/search/howsearchworks/how-search-works/ (video at 2:09 and 3:38); see also <https://support.google.com/websearch/answer/179386?hl=en&co=GENIE.Platform%3DAndroid>.

Further, Google provides devices that connect to the Internet and communicate with its servers. All devices listed in in connection with Claim [20.Pre] send, receive, and display information available at or associated with the google.com domain. See, e.g.:

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[20.1] a computing device having a connection to an Internet, and enabled for communicating with a user and a remote server, wherein the computing device sends, receives, and displays information related to the Internet search; and

Google Search

Search on your Pixel phone

When you use search on your Pixel phone, you can find content from both your phone and the web.

- **Web:** Online search results
- **Apps:** Applications and content from apps
- **Contacts:** Your contacts and the apps you use to connect with them
- **Settings:** Phone settings, information, and features
- **Google Play Store:** Apps from the Play Store
- **Screenshots:** Thumbnails of recent screenshots from your phone
- **Google Assistant:** Actions from the Assistant app that can be used to set up routines, send messages, and other functions
- **Pixel phone tips:** Pixel-exclusive tips, tricks, and new features

On your phone:

1. On the Home screen, tap the search bar or swipe up to reveal a search bar.
2. Type a query.
3. Tap on a search result.
 - To find more results, scroll down.

<https://support.google.com/pixelphone/answer/15629302?hl=en>

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Claim [20.2]	
[20.2] wherein the computing device receives a search request from the user of the computing device, the search request comprising one or more search term elements;	Google Search
Google provides a computing device wherein the computing device receives a search request from the user of the computing device, the search request comprising one or more search term elements. See Claim [20.Pre] and [11.1].	

Claim [20.3]	
[20.3] wherein the computing device causes an Internet search to be performed based at least in part on the search request;	Google Search
Google provides a computing device that causes an Internet search to be performed based at least in part on the search request. See Claim [20.Pre] and [11.2].	

Claim [20.4]	
[20.4] wherein the computing device receives from the remote server, via the Internet, information comprising at least one automatically annotated Internet search result;	Google Search
Google provides a computing device that receives from the remote server, via the Internet, information comprising at least one automatically annotated Internet search result. See Claim [20.Pre], [1.1] and [11.3].	

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Claim [20.5]	
[20.5] wherein the computing device displays the received information on a search results webpage shown on the computing device;	Google Search
Google provides a computing device that displays the received information on a search results webpage shown on the computing device. See Claim [20.Pre] and [11.4].	

Claim [20.6]	
[20.6] wherein the automatically annotated Internet search result is provided for display on the search results webpage as a search result grouping referencing a webpage associated with the automatically annotated Internet search result;	Google Search
Google provides a computing device wherein the automatically annotated Internet search result is provided for display on the search results webpage as a search result grouping referencing a webpage associated with the automatically annotated Internet search result. See Claim [20.Pre] and [11.5].	

Claim [20.7]	
[20.7] wherein the search result grouping comprises an annotation and at least one of: a title, an Internet link, an excerpt, or a URL;	Google Search
Google provides a computing device wherein the search result grouping comprises an annotation and at least one of: a title, an Internet link, an excerpt, or a URL. See Claim [20.Pre] and [11.6].	

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Claim [20.8]	
[20.8] wherein the annotation is provided in response to a presence or absence of the one or more search term elements in the referenced webpage;	Google Search
Google provides a computing device wherein the annotation is provided in response to a presence or absence of the one or more search term elements in the referenced webpage. See Claim [20.Pre] and [11.7].	

Claim [20.9]	
[20.9] wherein the annotation is automatically placed in the search result grouping so that it is associated with the automatically annotated Internet search result; and	Google Search
Google provides a computing device wherein the annotation is automatically placed in the search result grouping so that it is associated with the automatically annotated Internet search result. See Claim [20.Pre] and [11.8].	

Claim [20.10]	
[20.10] wherein the annotation comprises one or more search term elements missing in the referenced webpage and provides an indication that the automatically annotated Internet search result is less relevant with regard to what the user seeks.	Google Search
Google provides a computing device wherein the annotation comprises one or more search term elements missing in the referenced webpage and provides an indication that the automatically annotated Internet search result is less relevant with regard to what the user seeks. See Claim [20.Pre] and [11.9].	

Claim [21]	
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[21] The apparatus of claim 20, wherein the annotation is provided also in response to a presence or absence of the one or more search term elements in one or more descendant webpages of the referenced webpage, and wherein each descendant of the referenced webpage is a webpage linked directly one level from the referenced webpage.	Google Search
Google provides an apparatus wherein the annotation is provided also in response to a presence or absence of the one or more search term elements in one or more descendant webpages of the referenced webpage, and wherein each descendant of the referenced webpage is a webpage linked directly one level from the referenced webpage. See Claim [2].	

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Claim [22]	
[22] The apparatus of claim 20, wherein the system further provides a selectable filtering function that, when selected by the user, causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device.	Google Search
Google provides an apparatus wherein the system further provides a selectable filtering function that, when selected by the user, causes one or more Internet search results referencing webpages that are missing one or more search term elements to be removed from being displayed on the search results webpage on the computing device. See Claim [3].	

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Claim [23]	
[23] The apparatus of claim 20, wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements.	Google Search
Google provides an apparatus wherein the automatically annotated Internet search result is placed on the search results webpage with one or more advertisements related to one or more of the search term elements. See Claim [4].	

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Claim [24]	
[24] The apparatus of claim 20, wherein the annotation comprises text representing at least one search term element in at least one of the following formats: (i) a font representing the text has been altered; or (ii) the text is shown with one or more lines merged with the text; or (iii) the text is shown with one or more lines superimposed thereupon; or (iv) the text is shown within a shaded area; or (v) the text is shown with a reversed format.	Google Search
Google provides a system where the font of the annotation comprising text representing at least one search term element is provided in one or more formats (e.g., altered, includes lines merged with the text, or is shown with lines superimposed thereupon). See Claim [5].	

Exhibit A
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Claim [25]	
[25] The apparatus of claim 20 wherein the annotation enables the user to reduce lost time, thereby speeding an Internet search process.	Google Search
Google provides an apparatus wherein the annotation enables the user to reduce lost time, thereby speeding an Internet search process. See Claim [10].	