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Desrosiers

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(54) **METHOD AND SYSTEM FOR RESERVING FUTURE PURCHASES OF GOODS**

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This patent is subject to a terminal disclaimer.

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(52) **U.S. Cl.**
CPC **G06Q 30/0623** (2013.01); **G06Q 30/0603** (2013.01); **G06Q 30/0635** (2013.01); **G06Q 30/0639** (2013.01); **G06Q 30/0643** (2013.01)

(58) **Field of Classification Search**
CPC G06Q 30/0635; G06Q 30/0623; G06Q 30/0639; G06Q 30/0603; G06Q 30/0643
USPC 705/26.1, 26.81, 27.1, 26.61, 26.9
See application file for complete search history.

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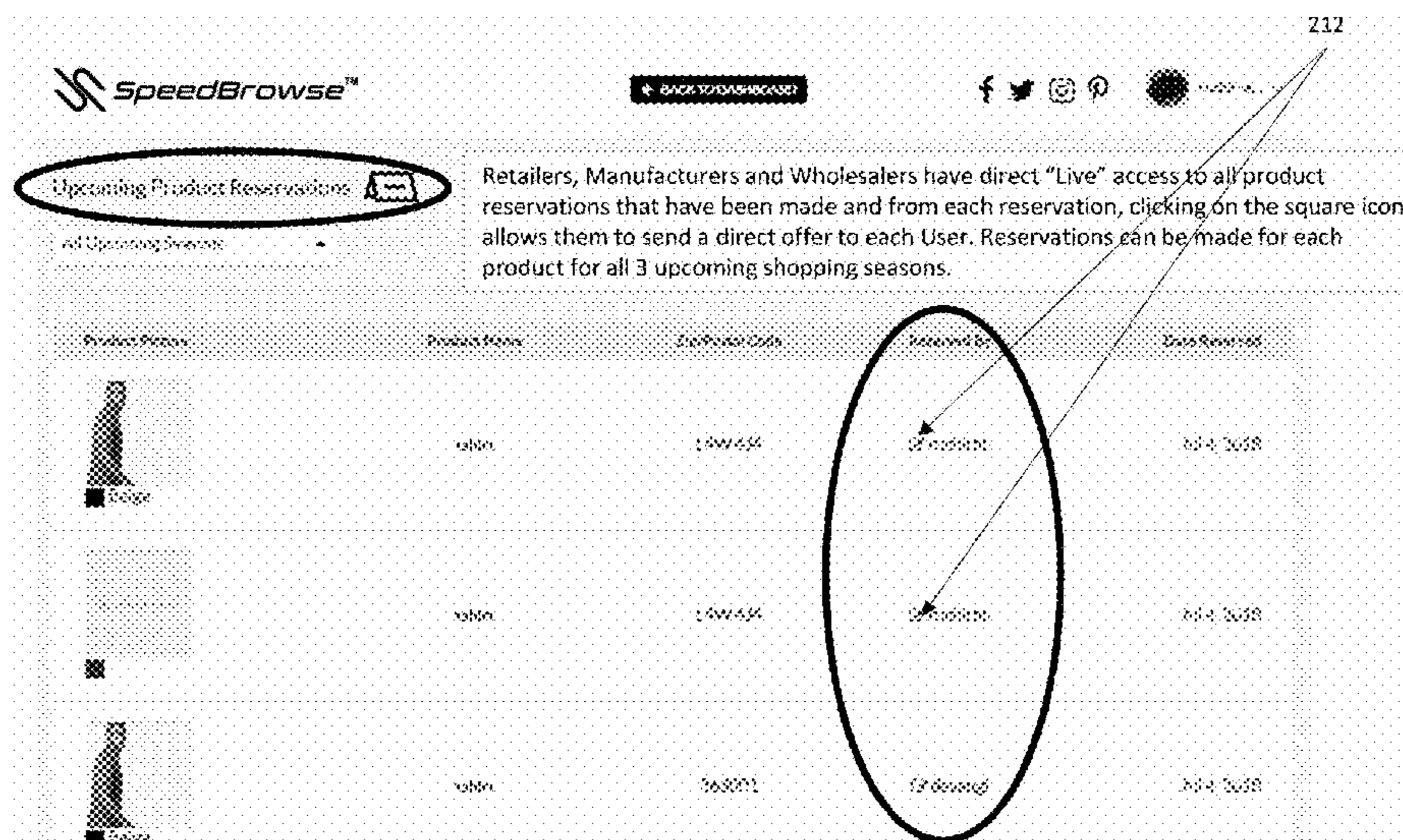
Primary Examiner — Yogesh C Garg

(74) *Attorney, Agent, or Firm* — Select Patents; Ashkon Cyrus

(57) **ABSTRACT**

A server network device provides to a shopper client network device via a computer network, an option to search by retailer, manufacturer, and wholesaler. The shopper client can filter the results by their geographic area. Results are show by new arrivals first, items on sale second, and standard inventory third. A user wishlist is provided to each user, wherein a user can add items to their user wishlist and make it the first choice in their wishlist. An option to purchase the item is provided wherein the user is then redirected to a vendor website. From the same search results page, and with only 1 click, users can filter by upcoming season. Items in a user's wishlist can be selected as private or public (the public one being searchable by other members).

11 Claims, 33 Drawing Sheets



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705/14.66

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FIG 1

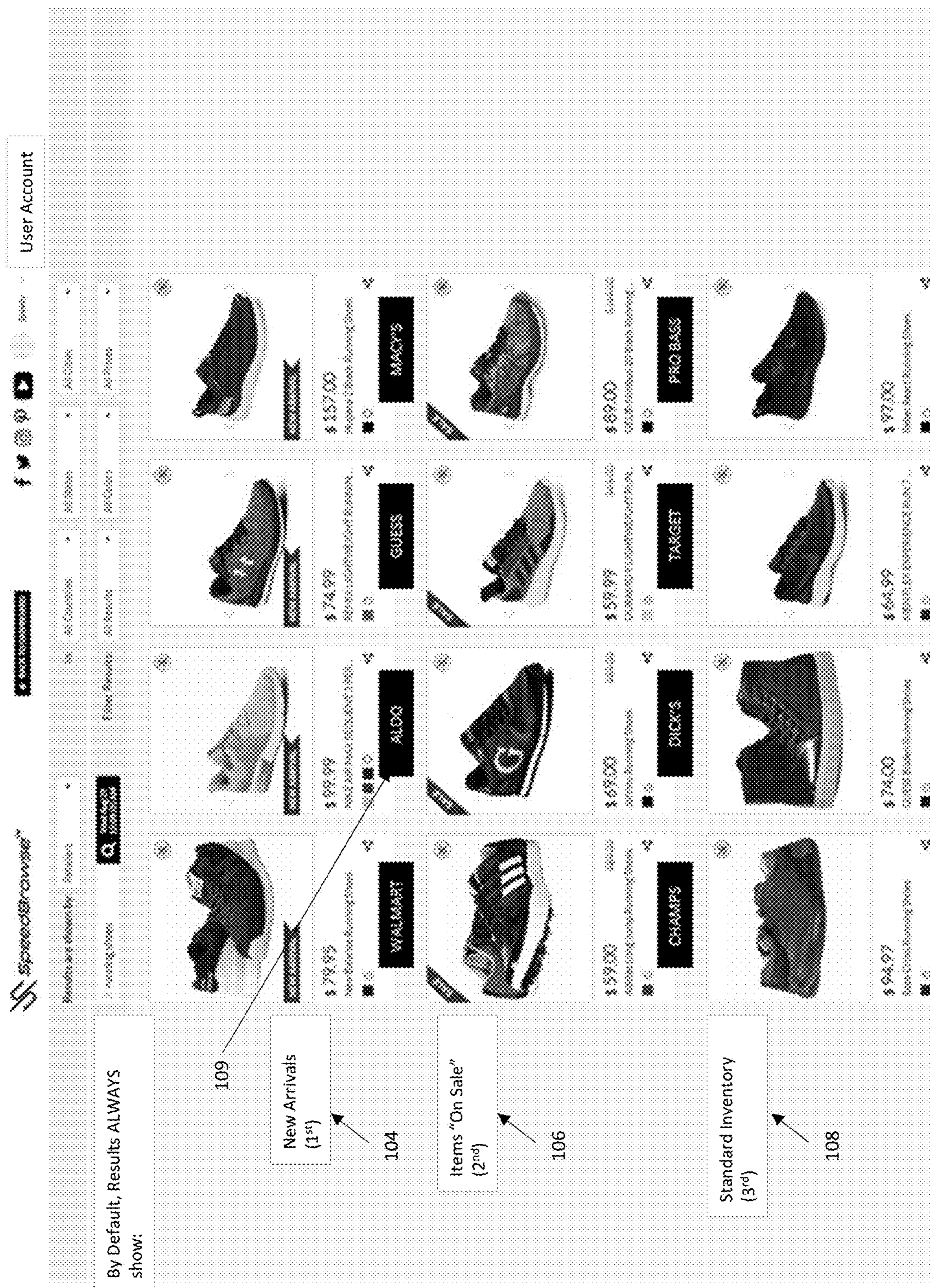


FIG 2

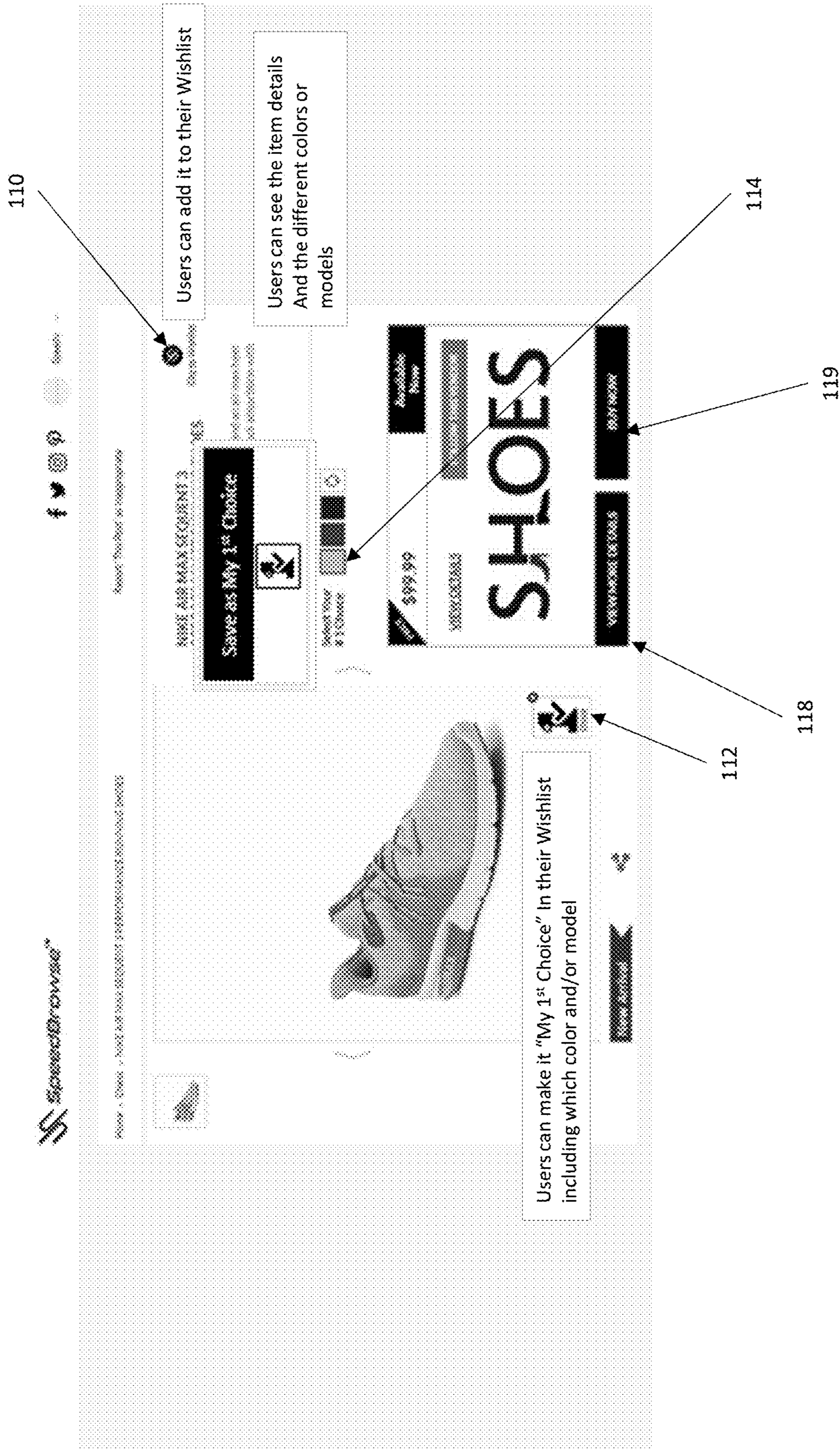


FIG 3

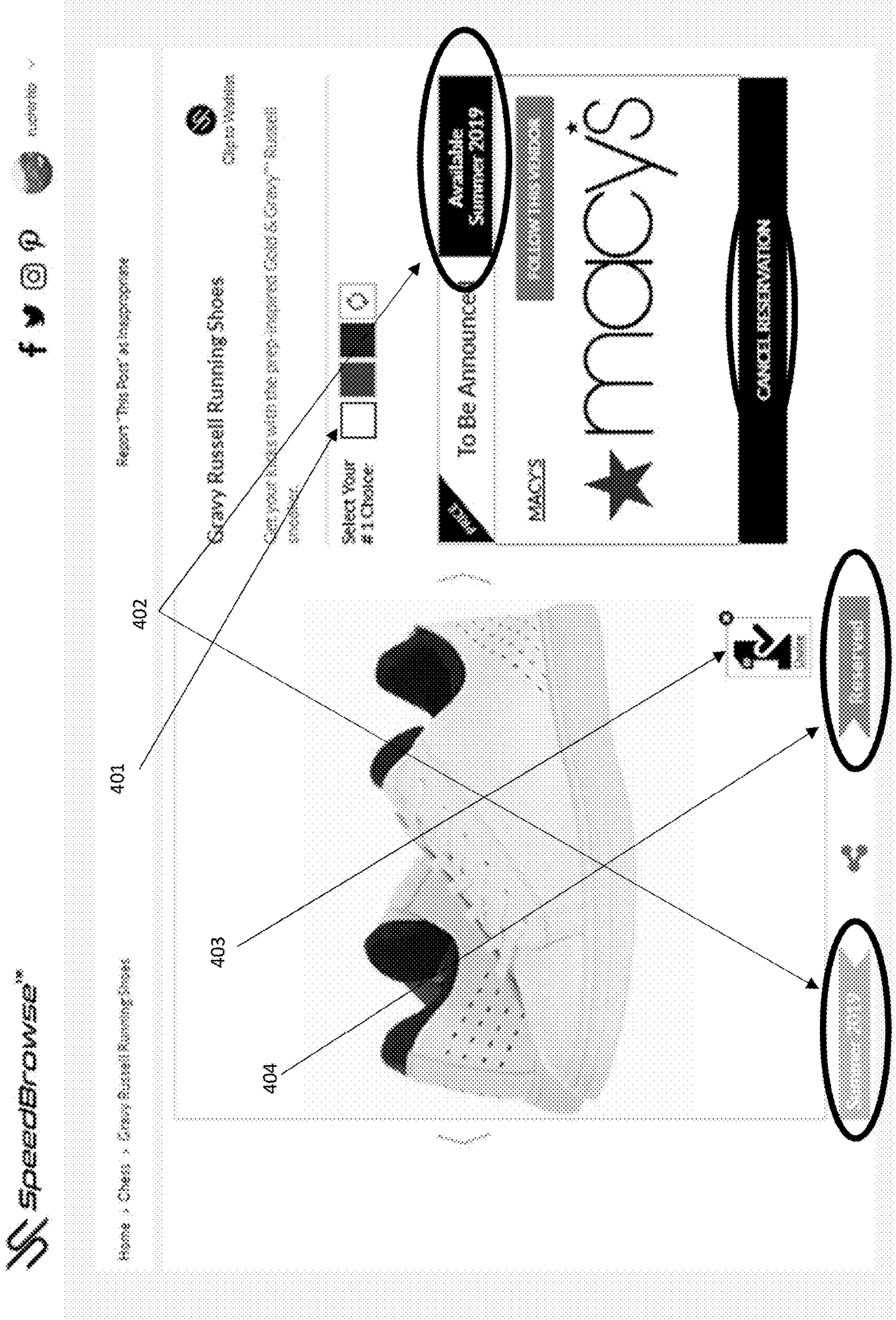
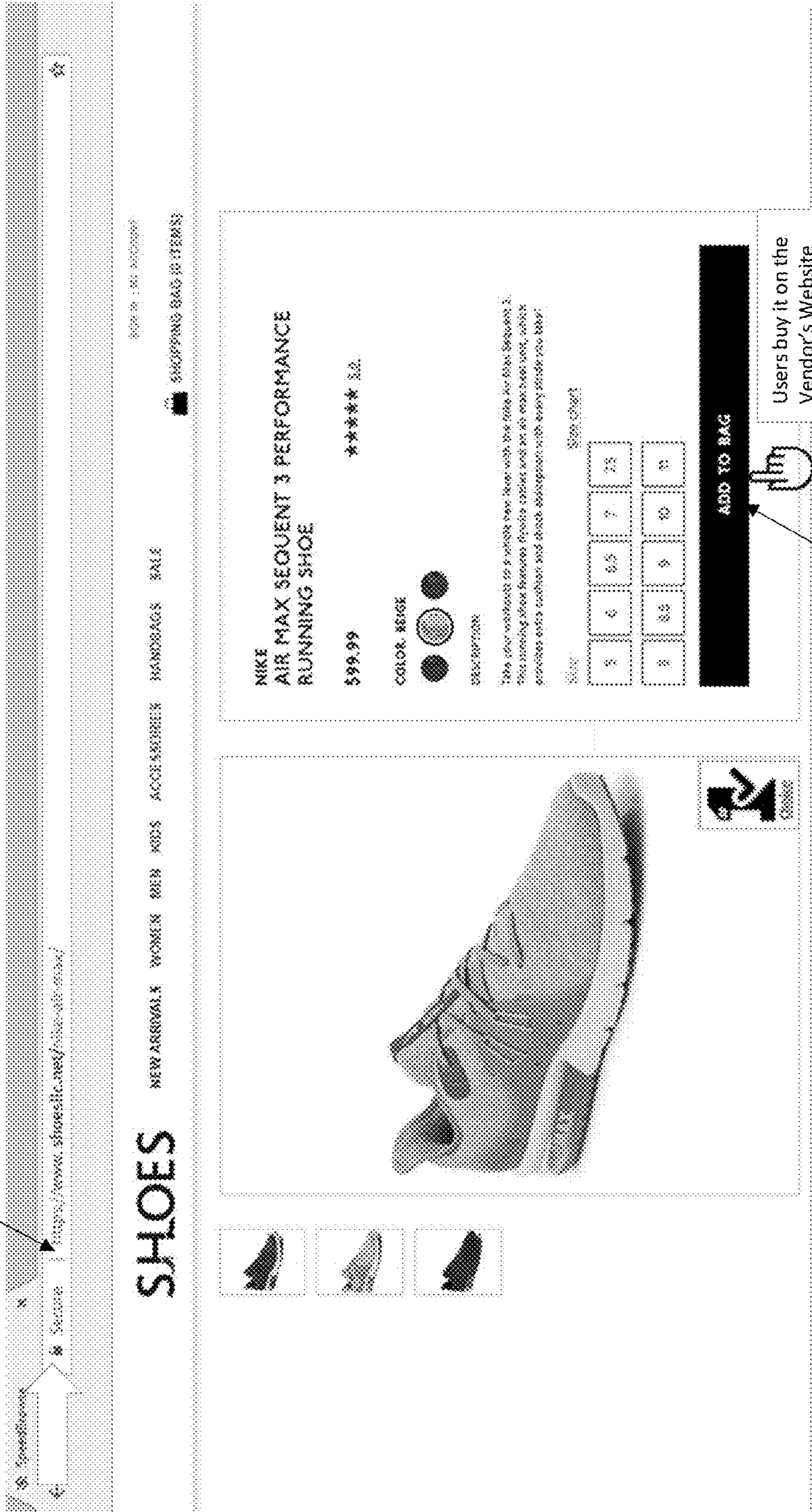


FIG 4

122



120

FIG 5

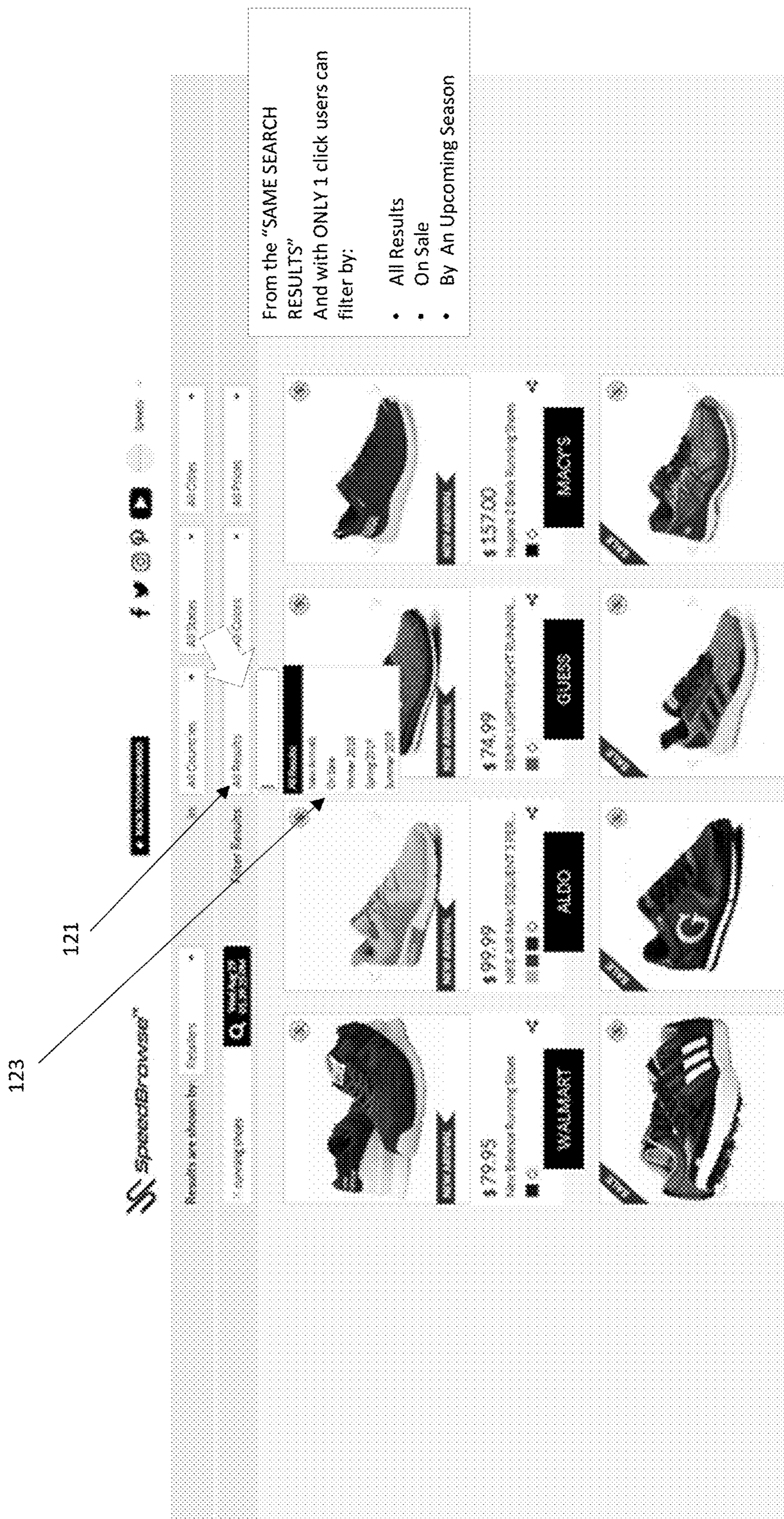




FIG 7

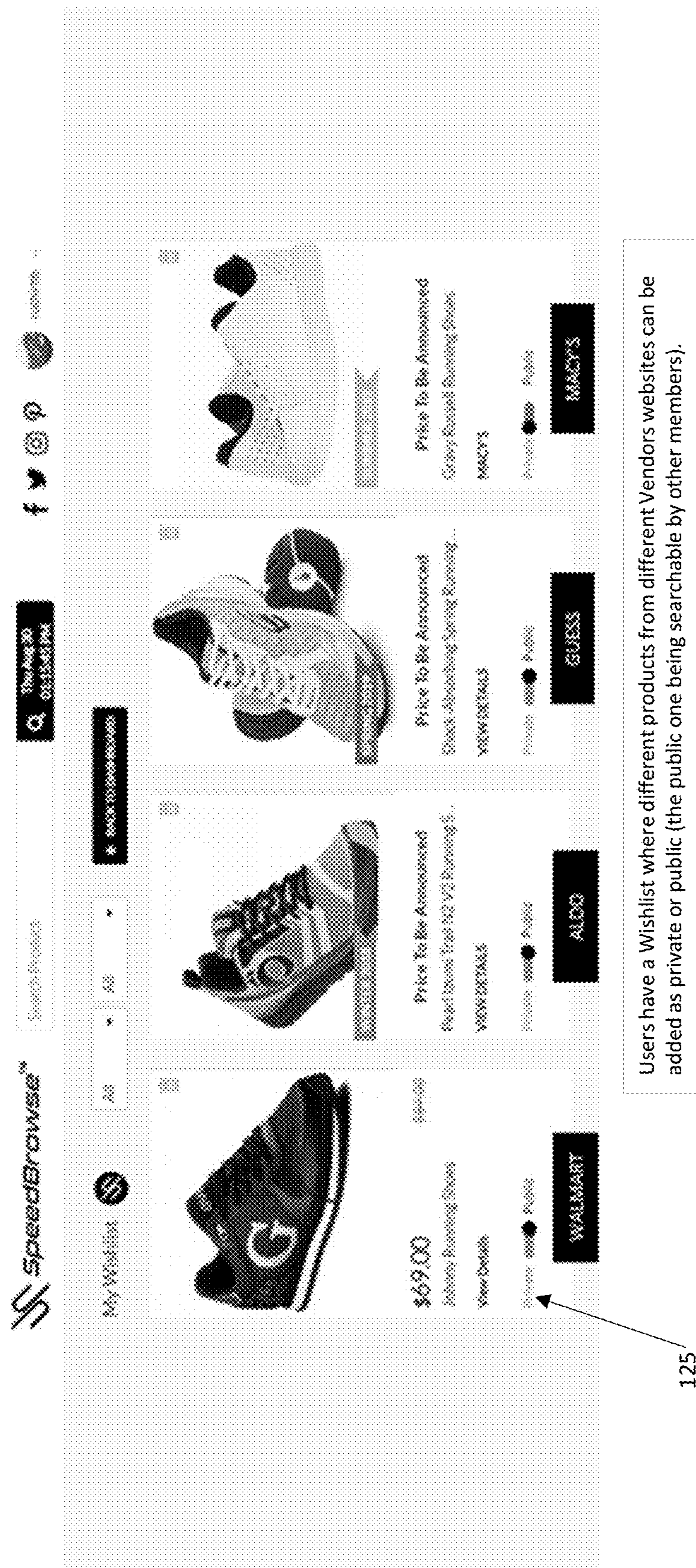
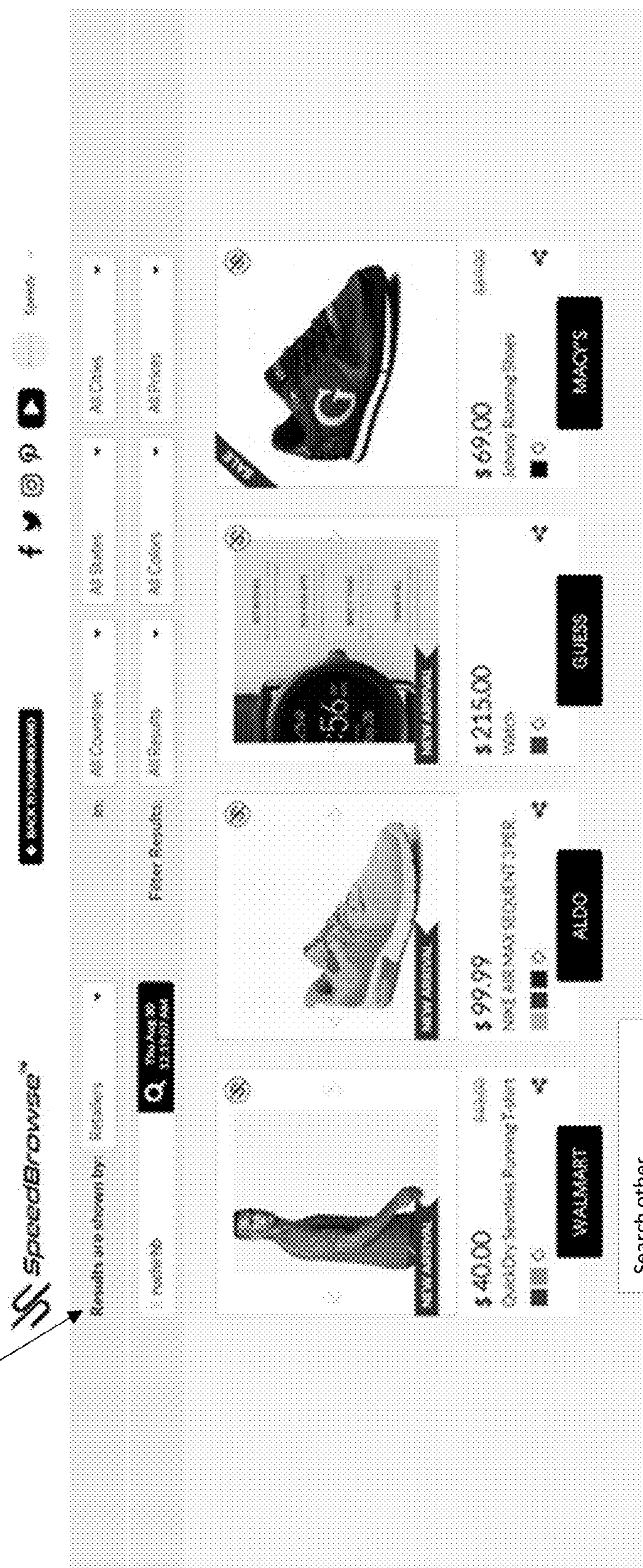


FIG 8

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Search other Speedbrowse Users Public Wishlist using their email address and/or nickname. They will see what they want, what is their 1st Choice and where to buy it.

FIG 9

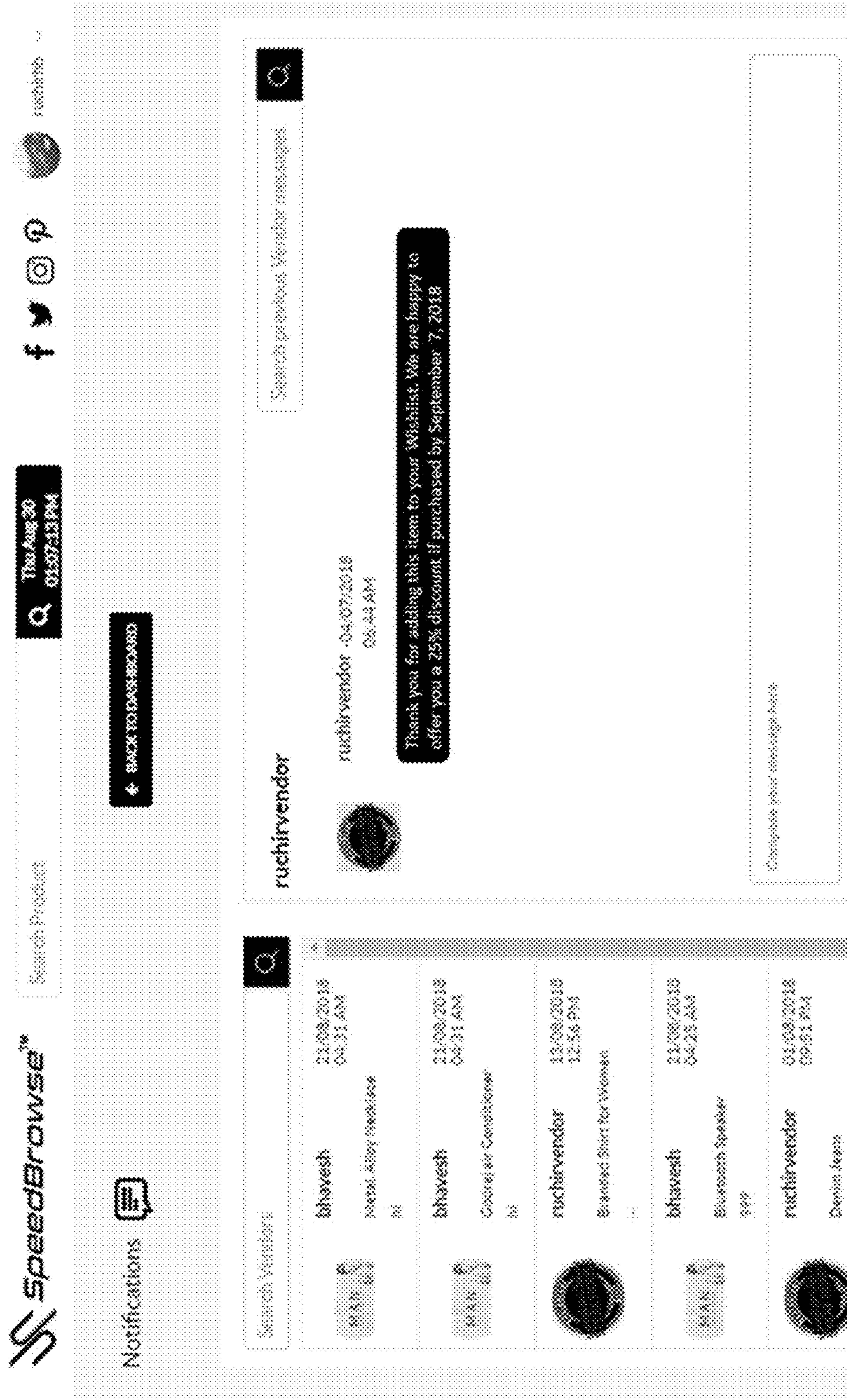


FIG10

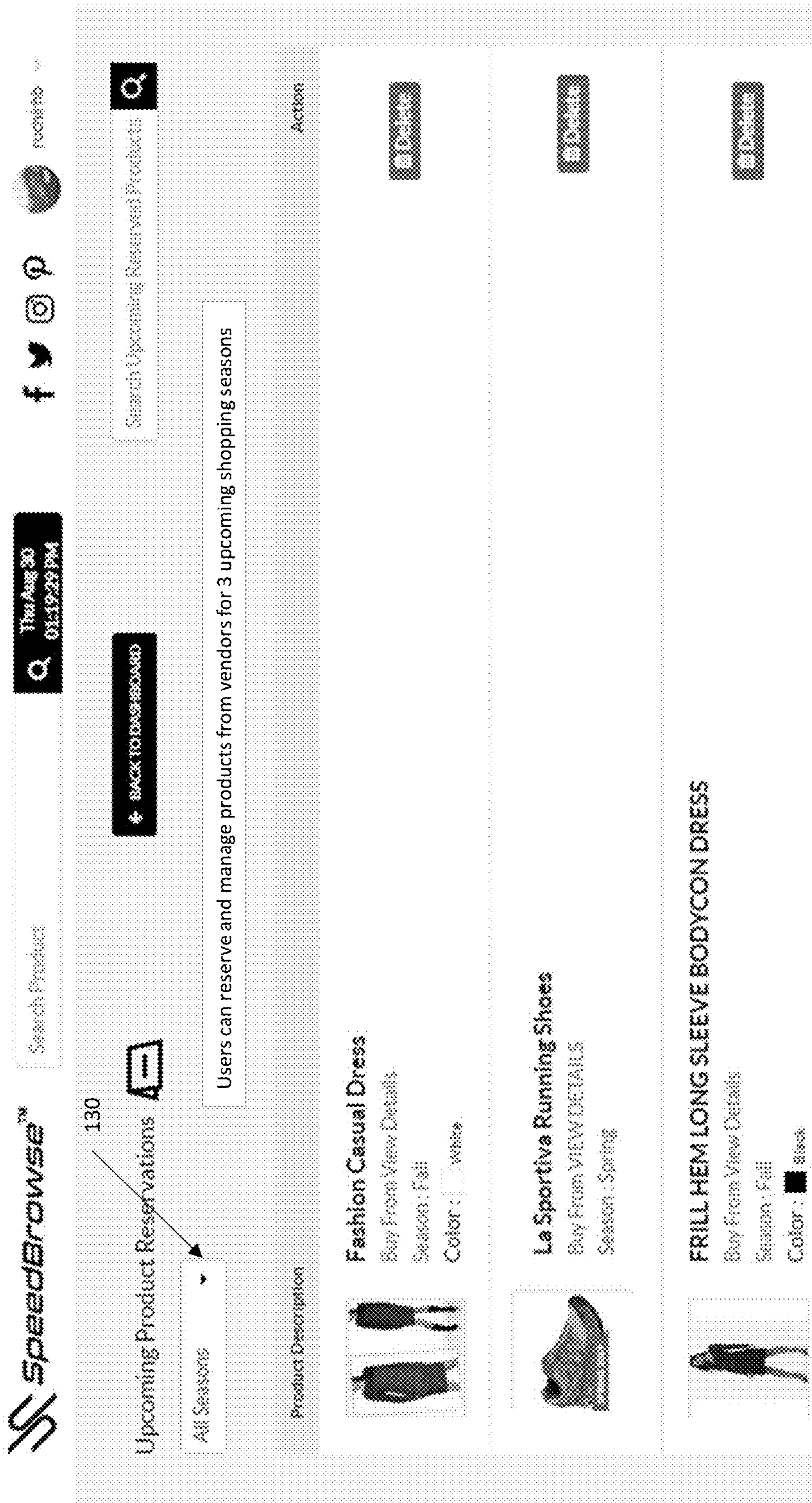


FIG 11

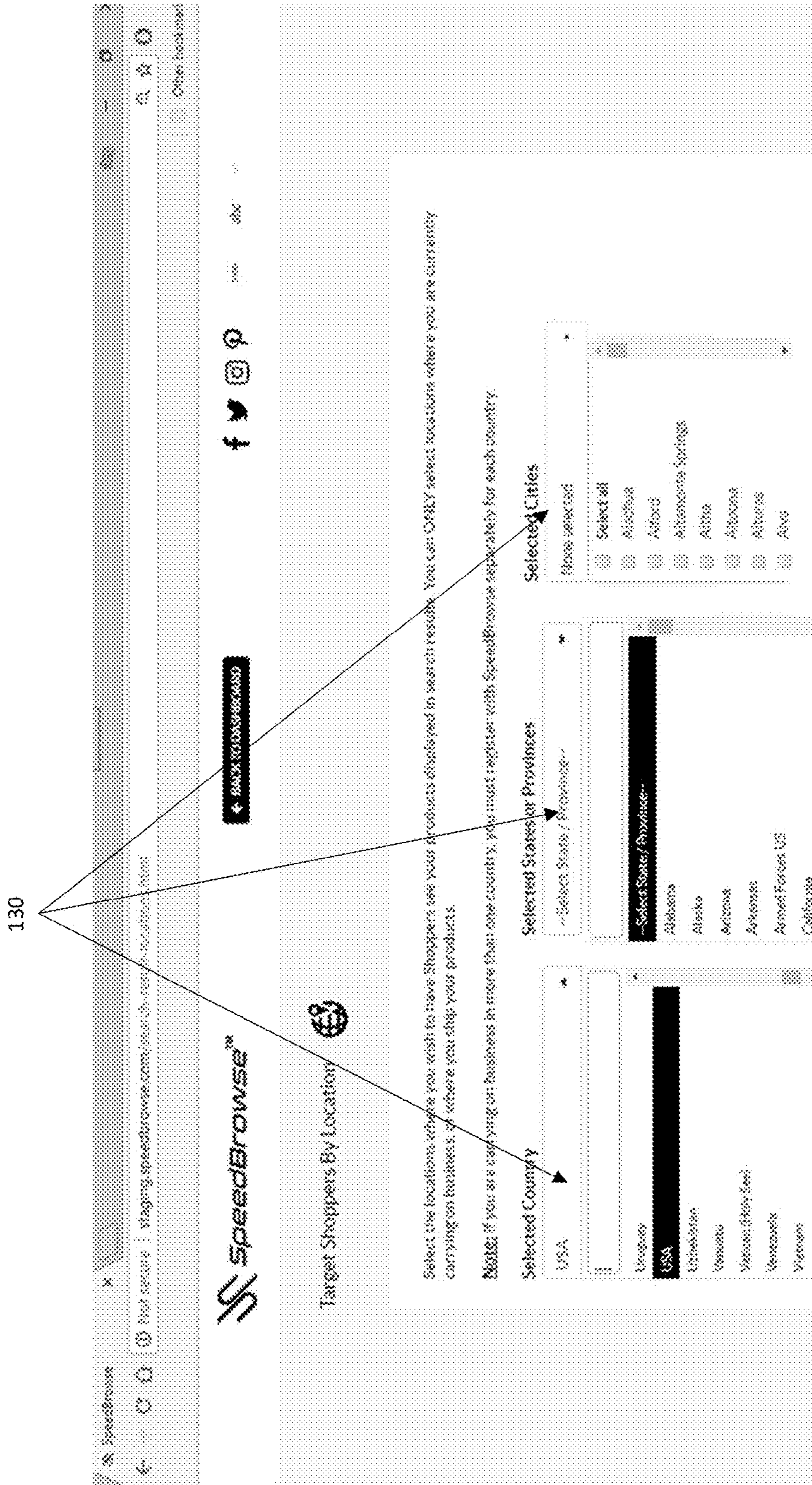


FIG 12

SpeedBrowse™

Manufacturer "A"

← BACK TO 14539870ASD

Manage Products

All Upcoming Seasons

By Product Name

Select one

Search Product

Page Aug 27 12:41:03 AM

Note: To edit individual products, click on the product picture or the product name.

Product Image	Product Name	Category	Model Number	Season	Sold At
	Spring Puma Ignite Running Shoes	Men Shoes	P20147	Fall 2018	STORES
	Pearl Izumi Trail N2 V2 Running Shoes	Men Shoes	P1V054	Winter 2018	STORES
	New Balance RE Vlite 590 Running Shoes	Women Shoes	NB06241	Spring 2019	STORES
	Michael Korsian Running Shoes	Kid Shoes	MBK687	Summer 2019	STORES

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FIG 13

150

Target Shoppers By Location

Displaying all stores where the item is sold in a specific location

Select the locations where you wish to have Shoppers see your products displayed in search results. You can ONLY select locations where you are currently carrying on business, or where you ship your products.

Selected Country: USA

Selected States or Provinces: Florida

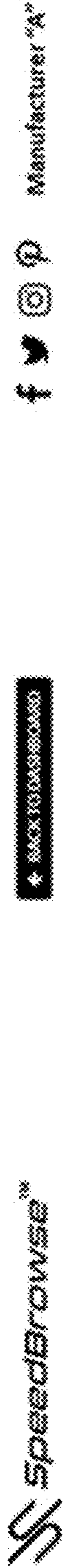
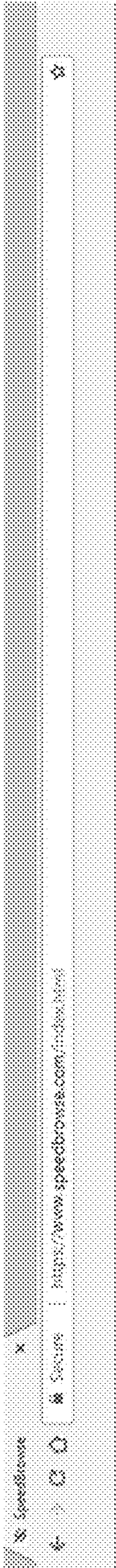
Selected Cities: Naples

All States/Provinces
 Select State/Province

Select All

<input type="checkbox"/>	Payless Shoes	5072 Airport Pulling Road N	Florida	Naples	34105
<input type="checkbox"/>	Walmart	3451 Tamiami Trail E	Florida	Naples	34112
<input type="checkbox"/>	Dick's Sporting Goods	5955 Naples Blvd	Florida	Naples	34109
<input type="checkbox"/>	Target	2415 Terpon Bay Blvd	Florida	Naples	34119

FIG 14



Target Shoppers By Location

Select the locations where you wish to have Shoppers see your products displayed in search results. You can ONLY select locations where you are currently carrying on business, or where you ship your products.

Selected Country: USA

Selected States or Provinces: Florida

Selected Cities: Naples

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Select All
 Peylezz Shoes
 Walmart
 Dick's Sporting Goods
 Target

Select All
 Product A
 Product B
 Product C
 Product D
 Product E
 Product F

5072 Airport Pulling Road N Florida
 3451 Tamiami Trail E Florida
 5955 Naples Blvd Florida
 2415 Tarpon Bay Blvd Florida

34112
 34109
 34119

Bulk Activity
 Add
 Delete
 Activate
 Deactivate



FIG 15

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Import Products

Upcoming Products

NOTE: You can ONLY upload products for "Upcoming Inventory" in the Upcoming Products option from the dropdown menu on the left.

To upload products for "New Arrivals" & "Current Standard Product Inventory" please select "Current Products" from the dropdown menu on the left.

In order to import the Products, you first need to check the sample CSV file and add your Products Data into that format.

Once your Data file is ready, click on the Import CSV Button to upload your products.

Here will be the instructions on how to import the data file.

[Click here to Download Sample CSV](#)
[Click here to Download Product Category List](#)

IMPORT CSV

Products can be uploaded with CSV files

FIG 16

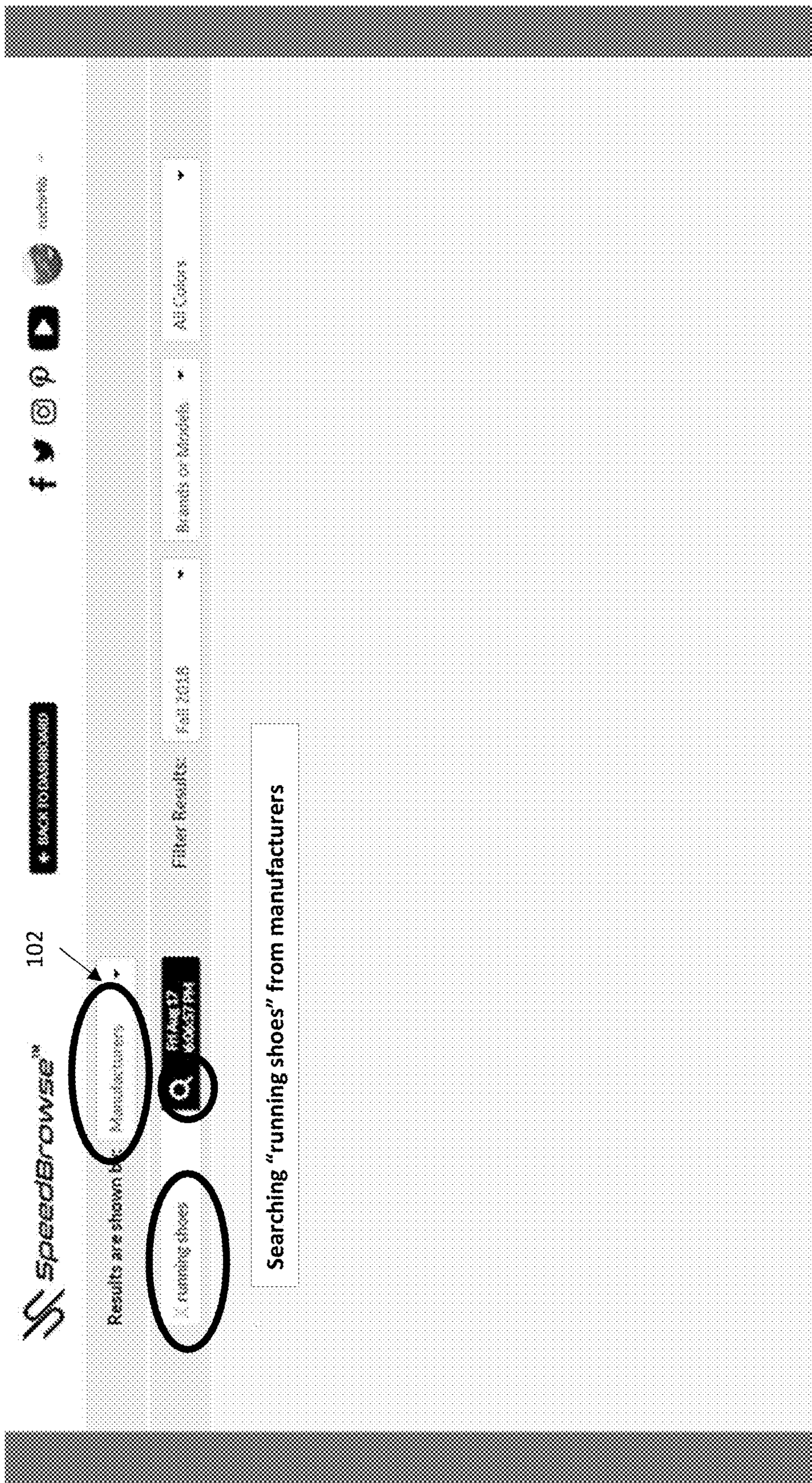


FIG 17

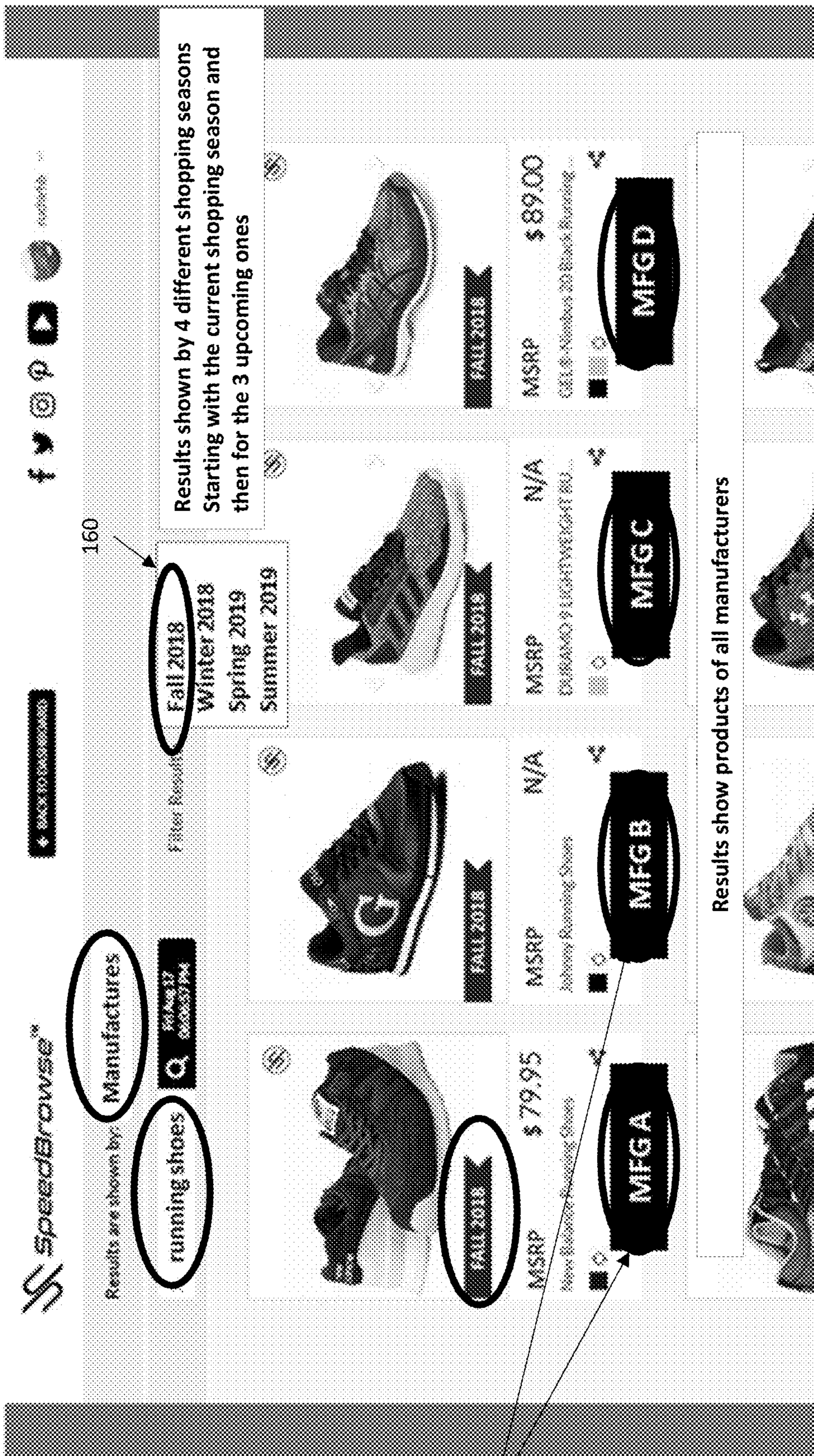


FIG 18

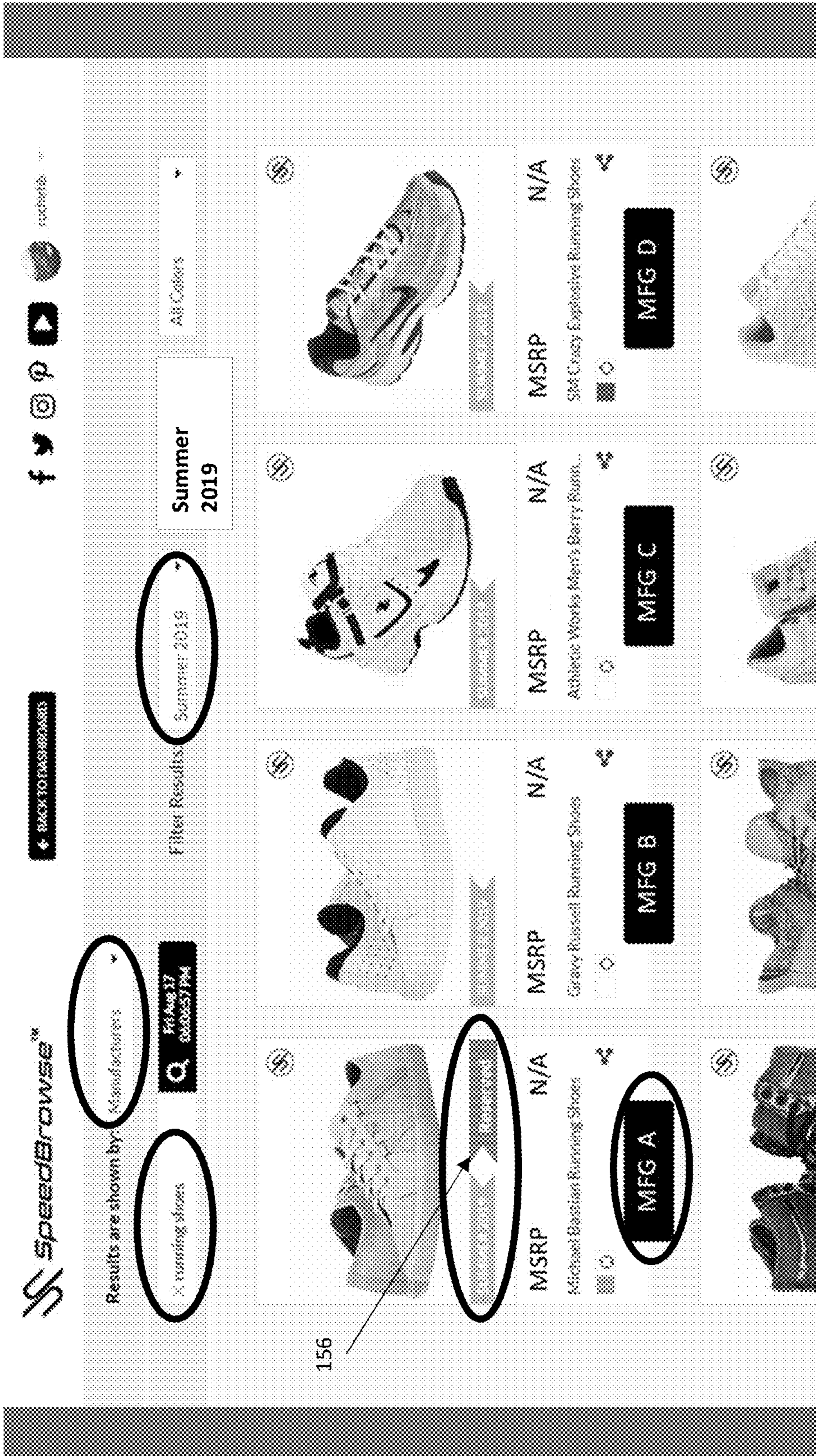


FIG 19

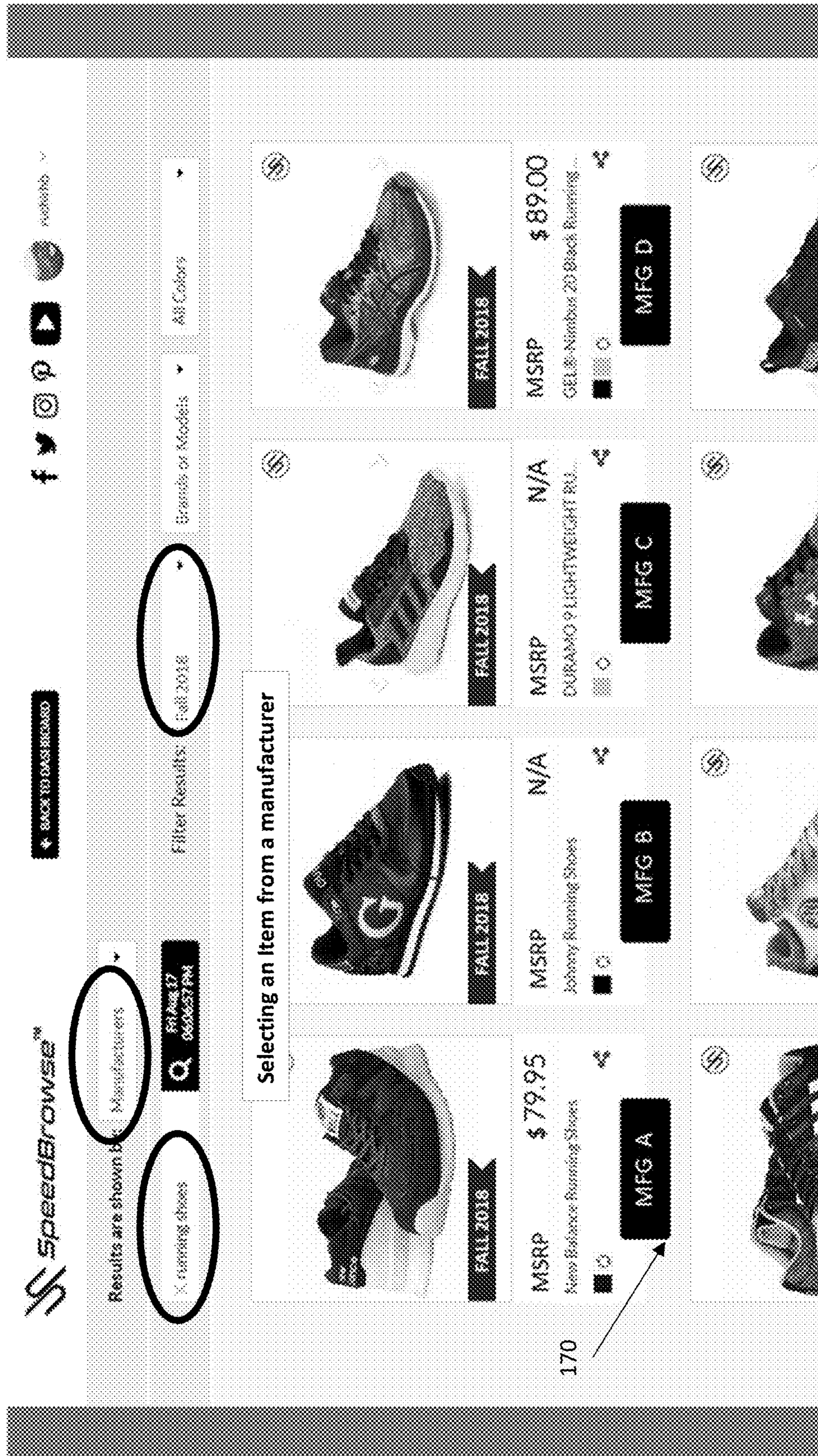
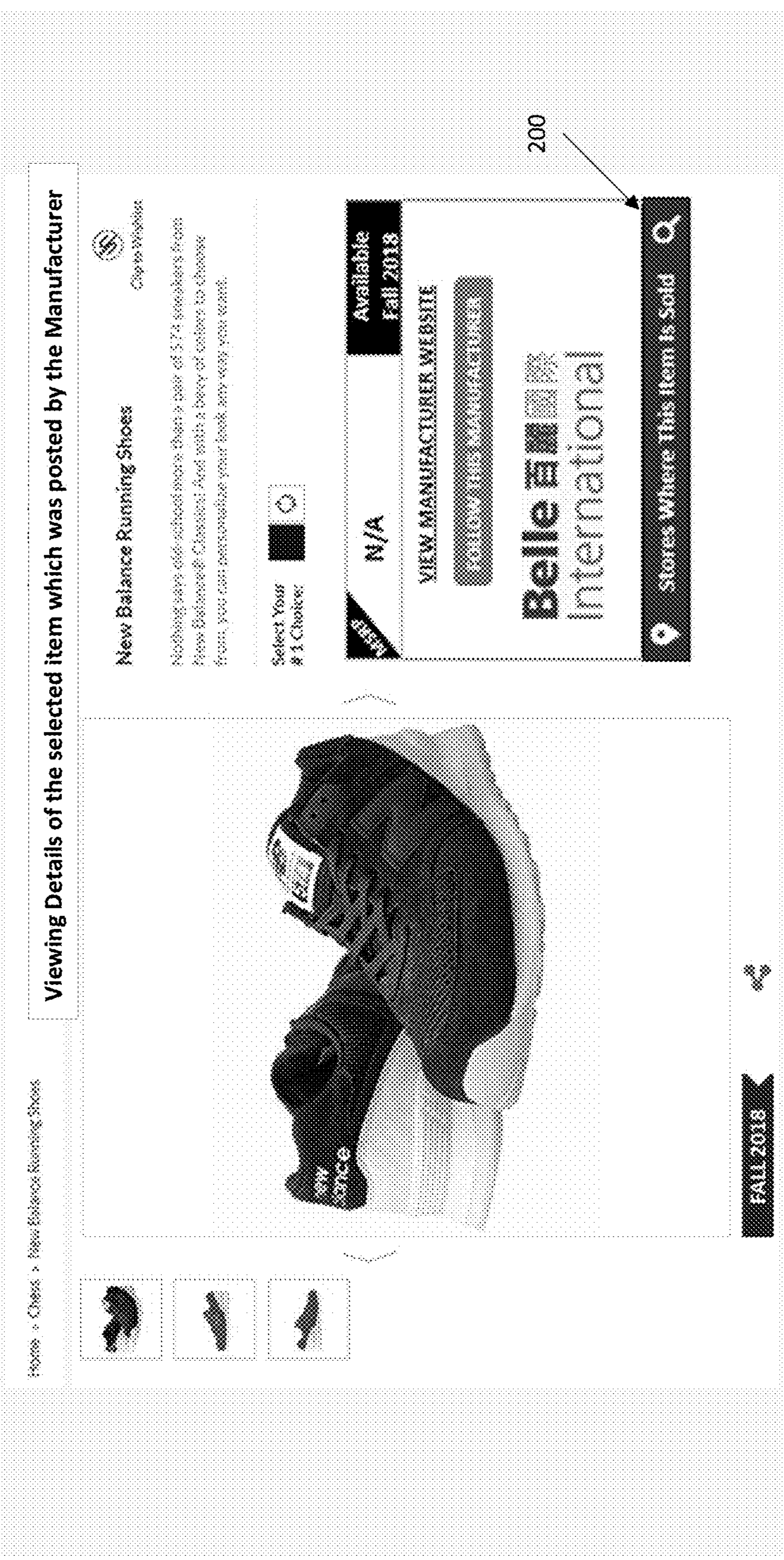


FIG 20



Viewing Details of the selected item which was posted by the Manufacturer

New Balance Running Shoes
Cape Walker

Nothing says off-road more than a pair of 5.74 inches from New Balance® Cholesterol Aid with a bevy of colors to choose from, you can personalize your look any way you want.

Select Your #1 Choice

N/A Available Fall 2018

VIEW MANUFACTURER WEBSITE

Belle International

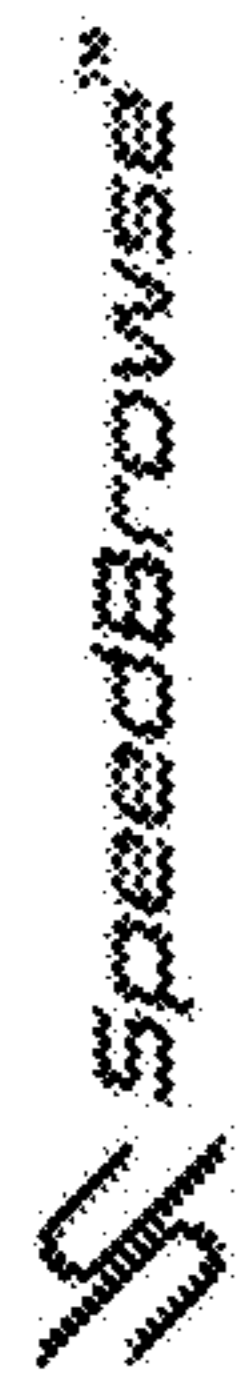
Stores Where This Item Is Sold

200



FALL 2018

FIG 21



Home > Shoes > New Balance Running Shoes

Report "This Post" as inappropriate

Copy to clipboard

Location selected is Naples, FL USA

Running Shoes

New Balance Running Shoes

Nothing says old-school more than a pair of 574 sneakers from New Balance® Classics! And with a bevy of colors to choose from, you can personalize your look any way you want.

Select your location

United States Florida Naples

SEARCH

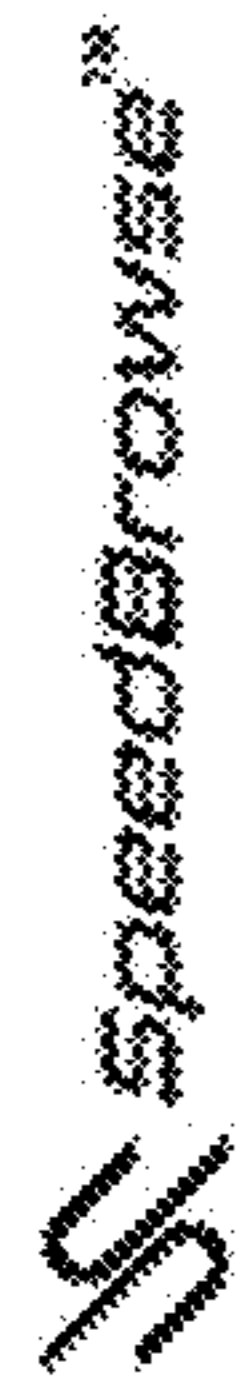
Stores Where This Item Is Sold

FALL 2018

NOTE: Location could be by;

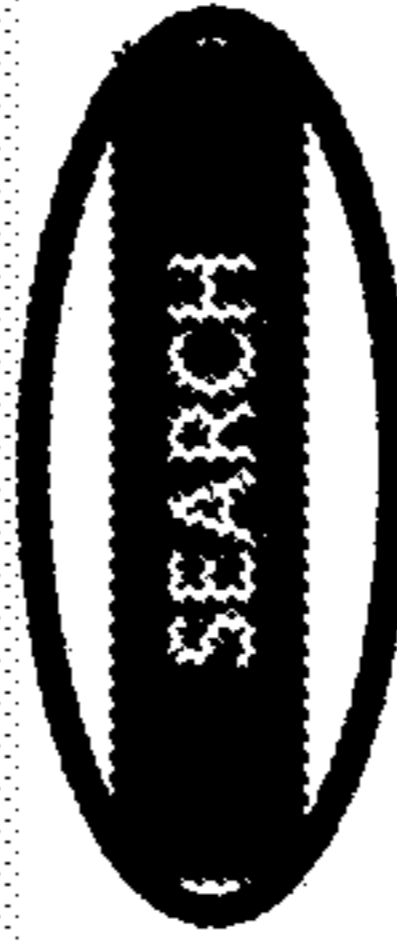
- Whole Country only or,
- Whole state/province only or,
- Whole city

FIG 22



Results: 8

Macy's	1800 9th St N	Naples	Florida
Target	2415 Tarpon Bay Blvd	Naples	Florida
Nordstrom	5489 Tamiami Trail N	Naples	Florida
Walmart	3451 Tamiami Trail E	Naples	Florida
Payless Shoes	5072 Airport Pulling Rd N	Naples	Florida
Dick's Sporting Goods	5955 Naples Blvd	Naples	Florida



1. Results of the stores selling the product in Naples displayed on the SpeedBrowse website
2. Clicking "SEARCH" will search all stores with "ONLY ONE CLICK" no matter how many stores... even thousands etc
3. This is achieved with the "SpeedBrowse Plugin" being on the Manufacturer's Website. The plugin also allows them to have their entire product line for each of the 4 shopping seasons of the year to be listed as such on their own website.

FIG 23

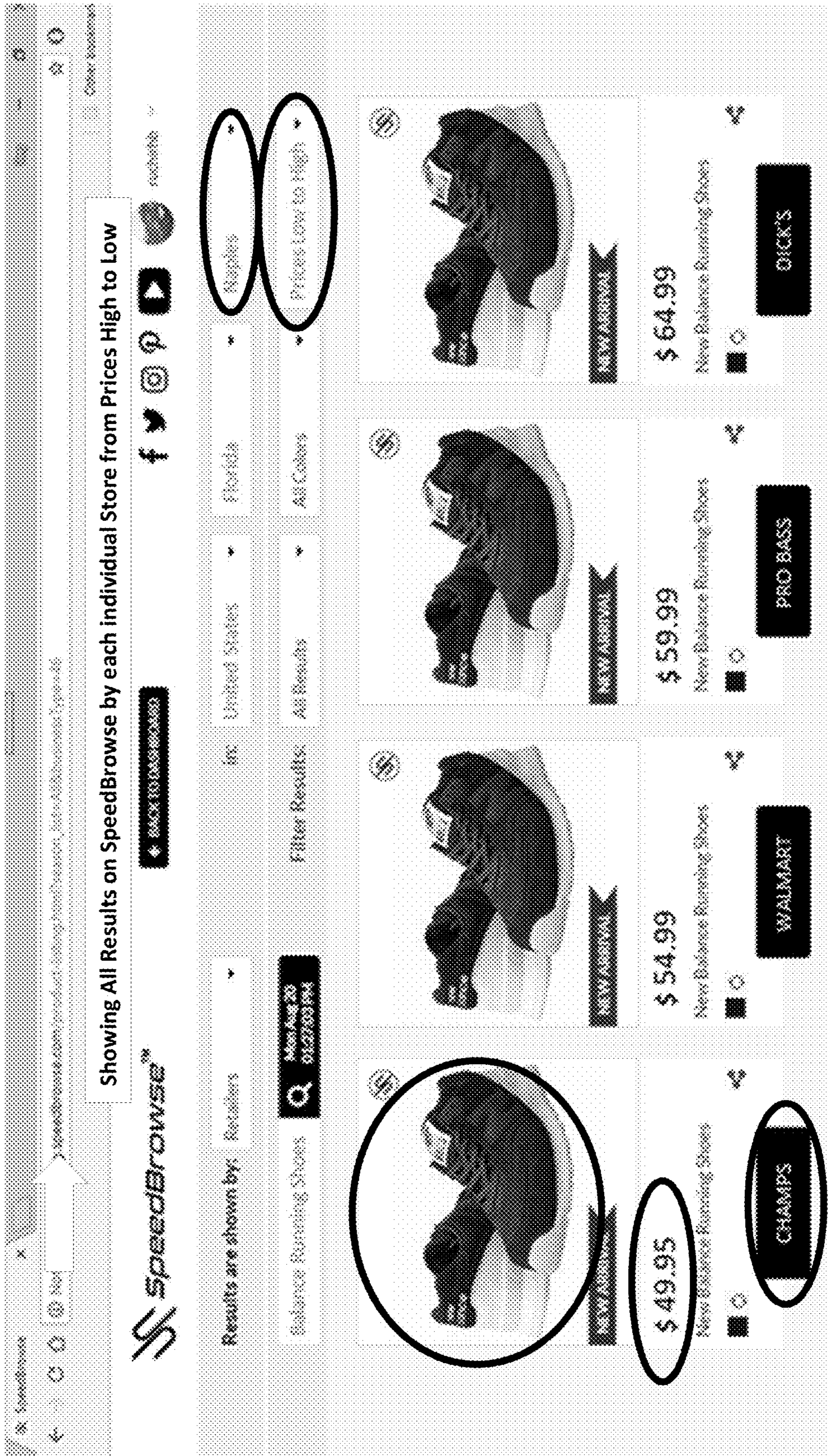


FIG 24

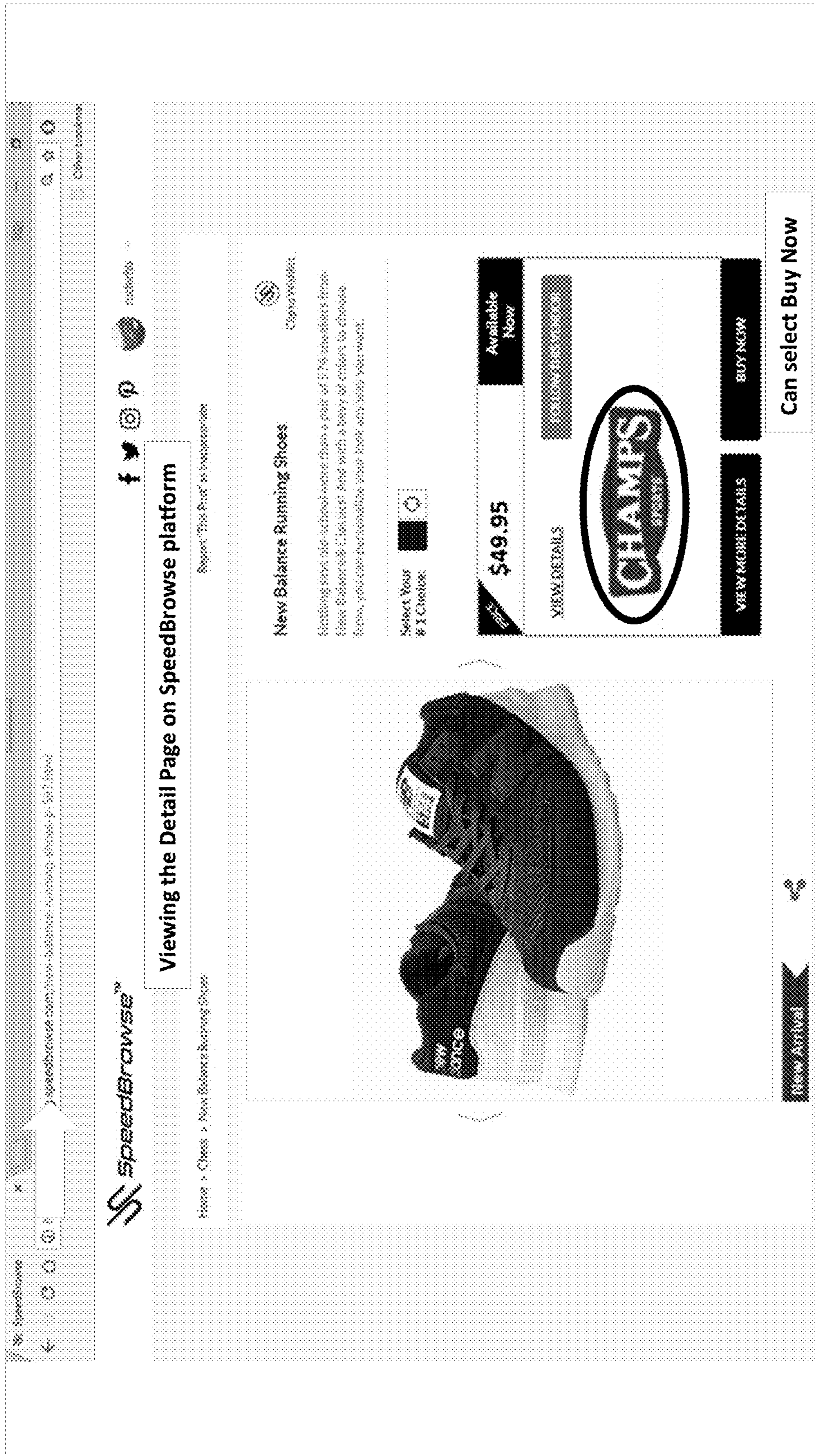
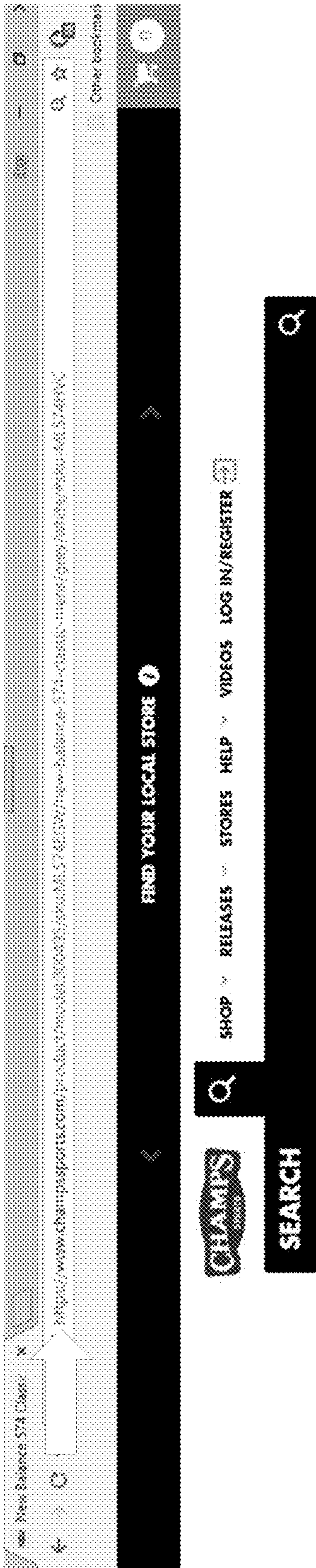


FIG 25

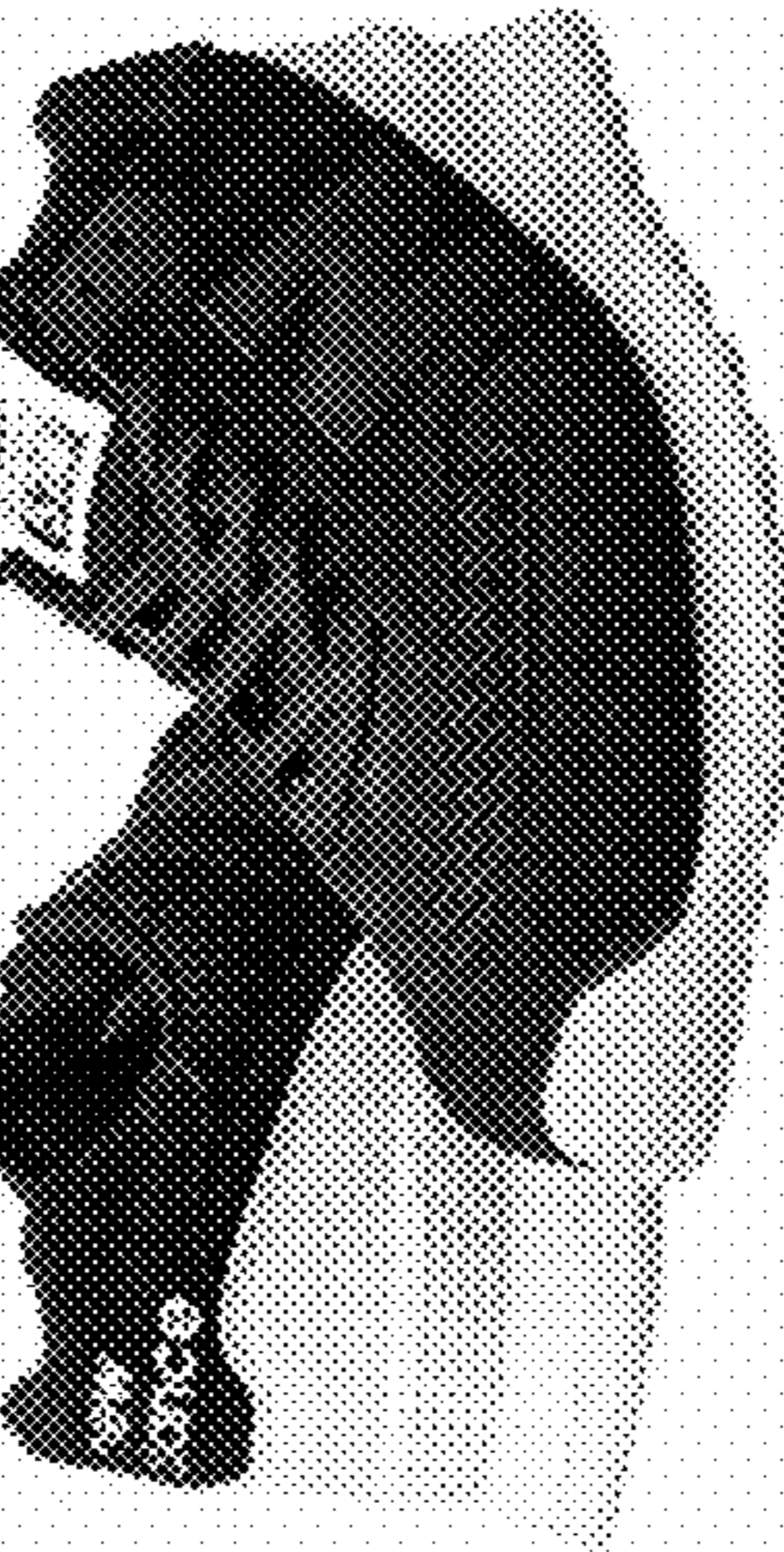


New Balance 574

NEW BALANCE 574

Be the first to receive a preview

\$ 49.95



Nothing says old-school more than a pair of 574 sneakers from New Balance® Classics! And with a bevy of colors to choose from, you can personalize your look any way you want.

International shipping restrictions may apply

SHIPS FREE

Ship to Home Store Pickup (info)

SIZE

QTY:

1

BUY NOW

Shopper buys it at the selected store of their choice

FIG 26

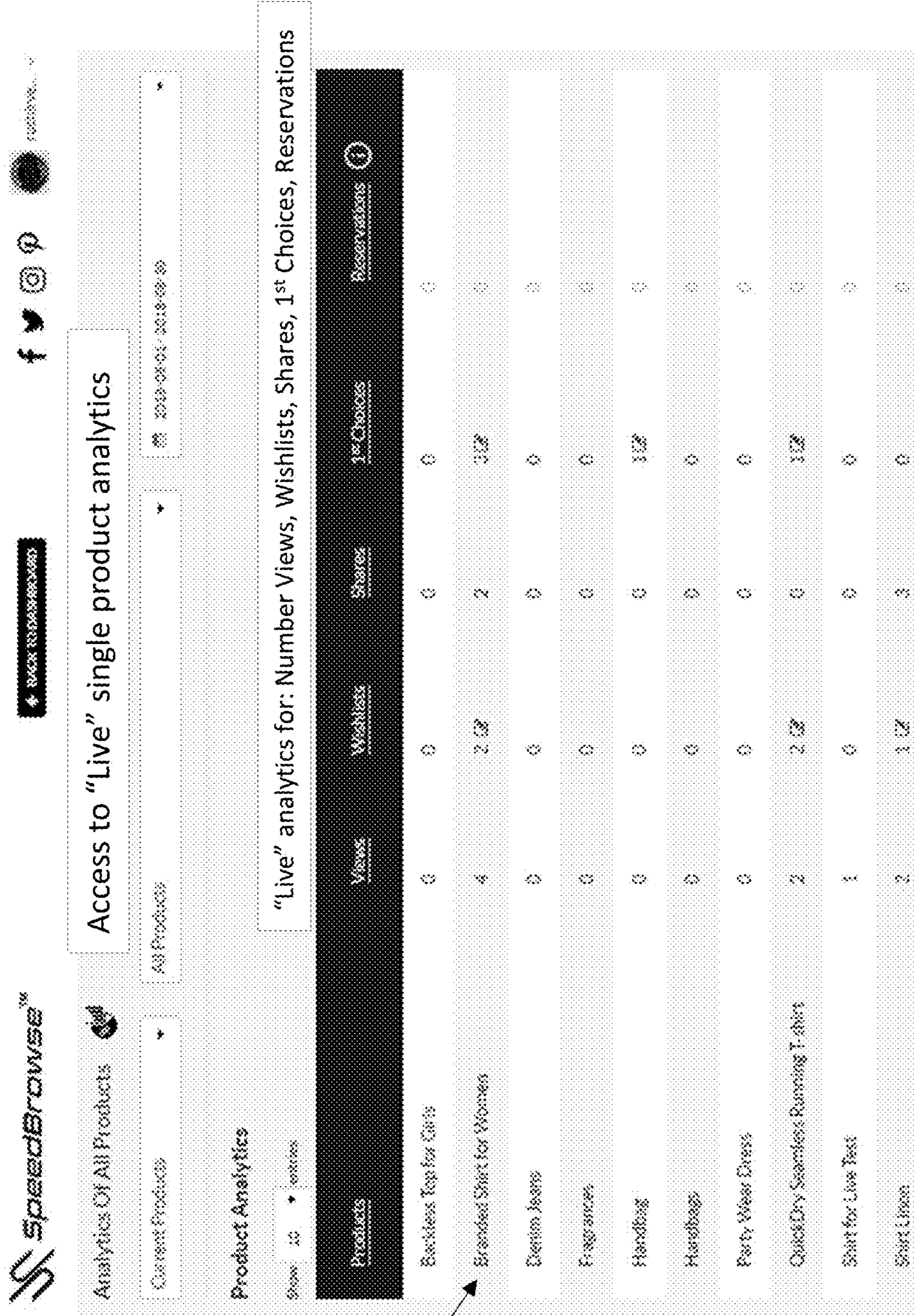


FIG 27

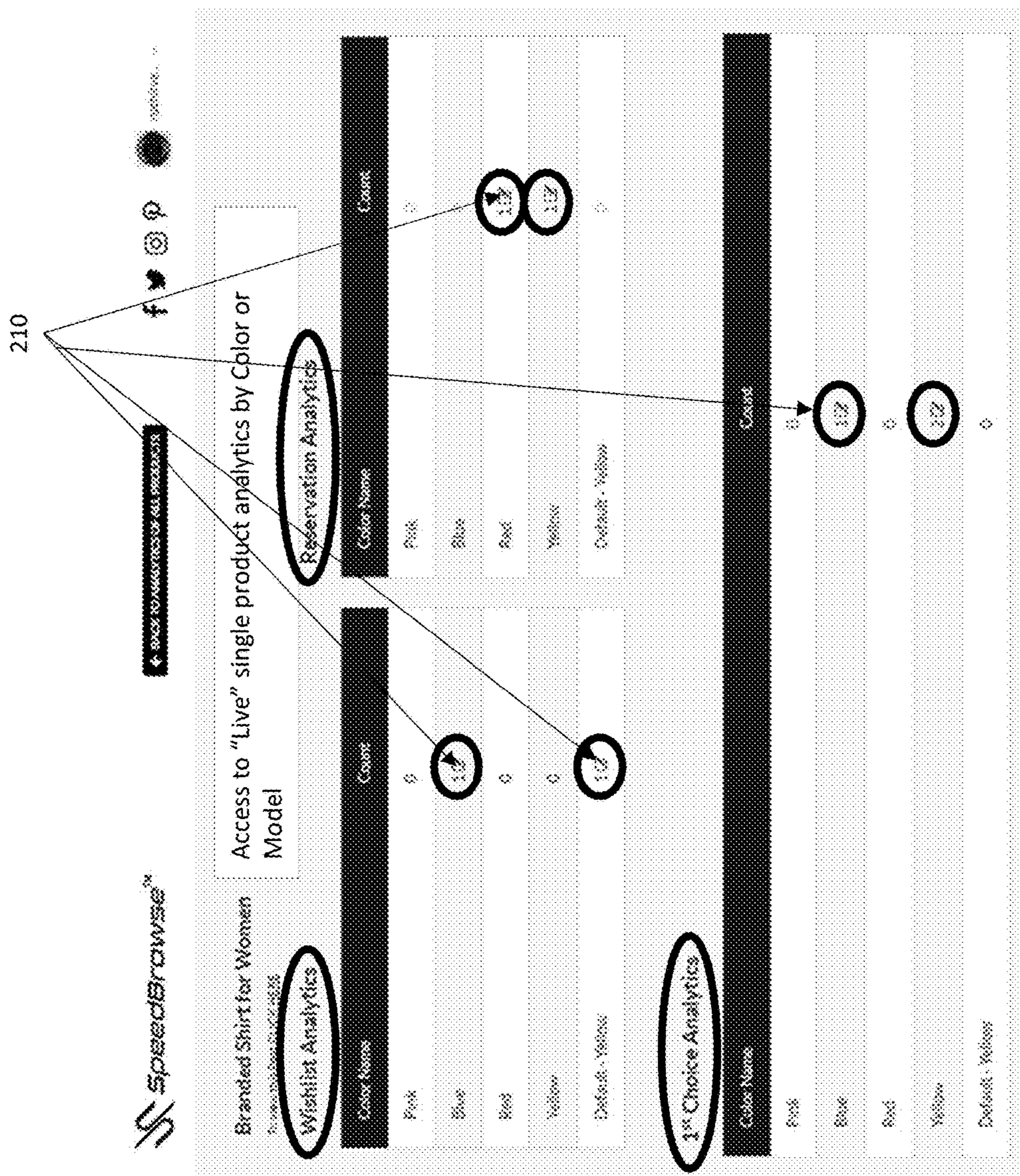


FIG 28

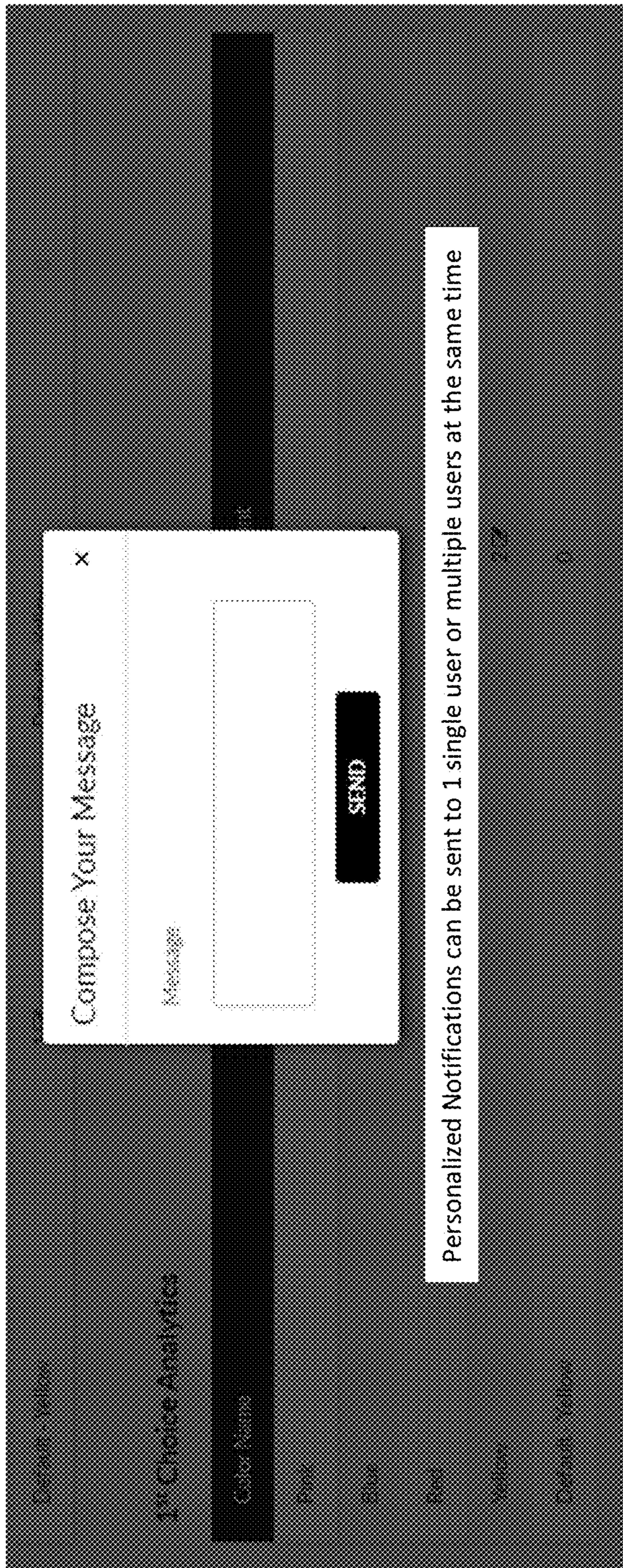


FIG 29

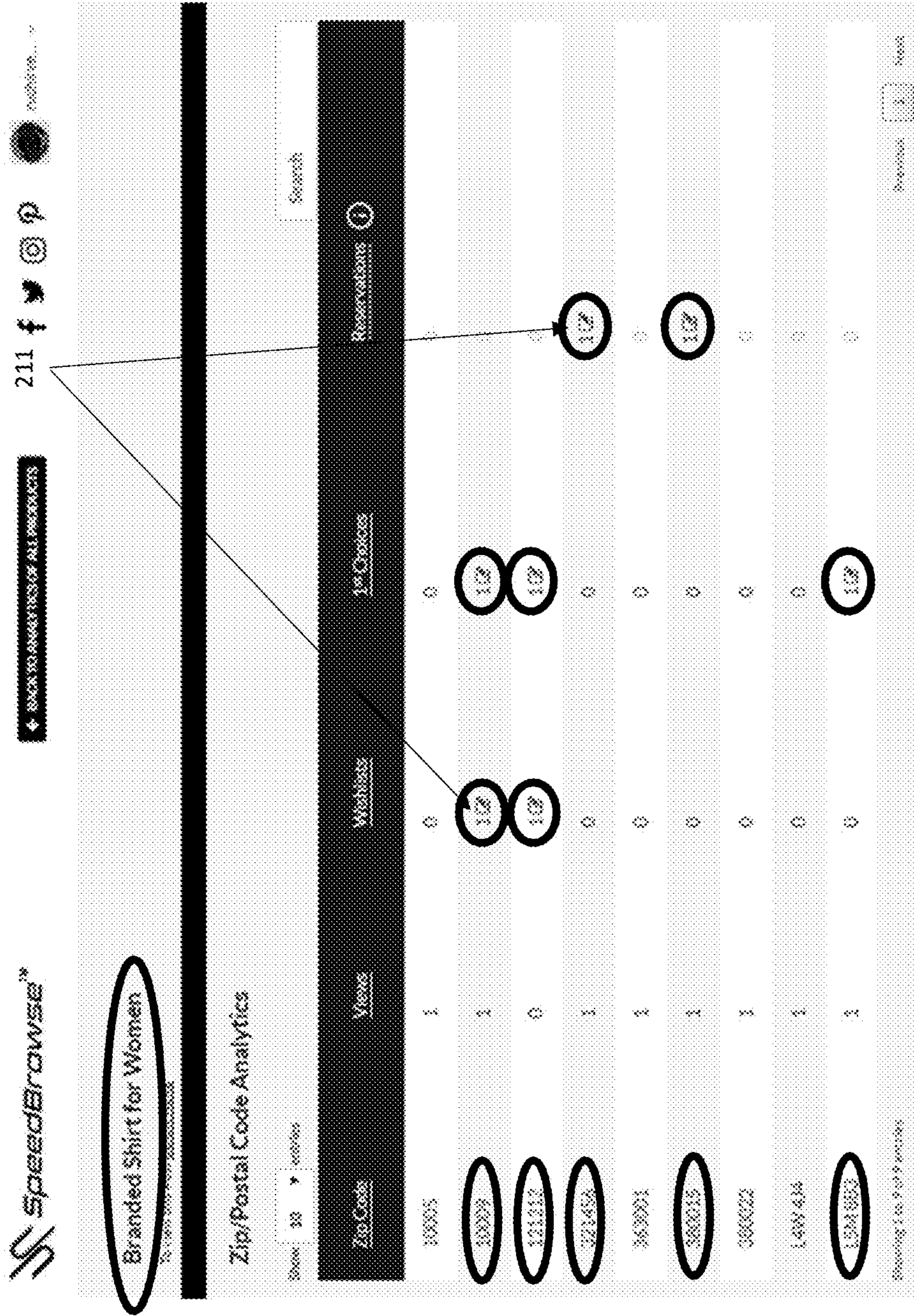


FIG 30

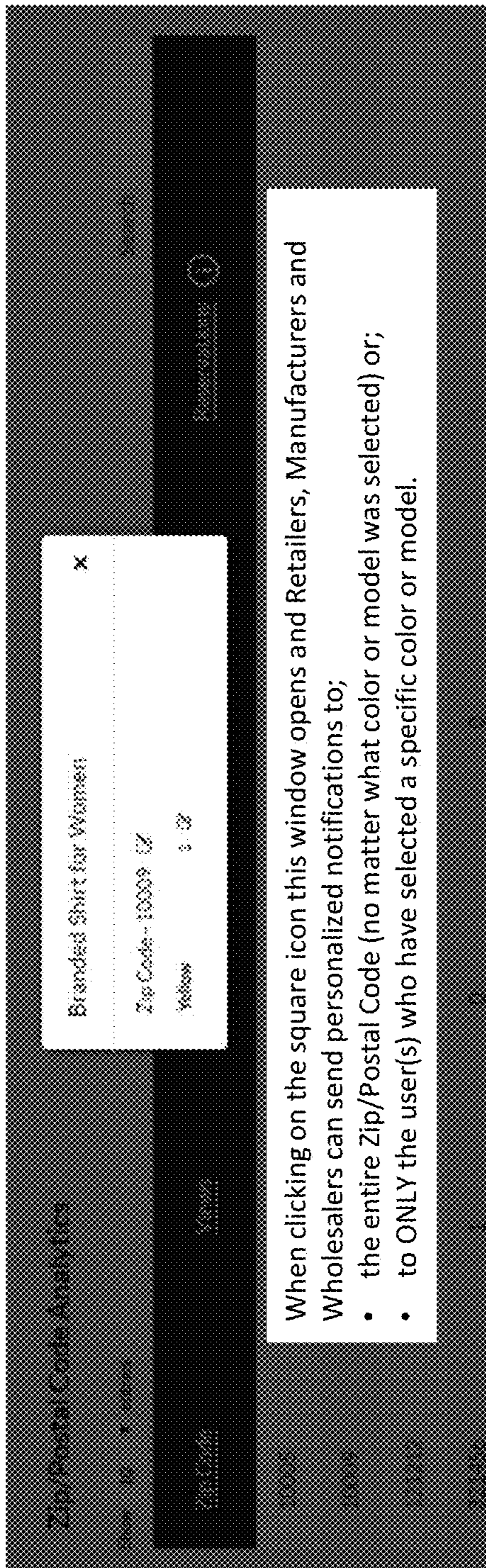


FIG 31

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SpeedBrowse™

Upcoming Product Reservations

All Upcoming Seasons

← BACK TO DASHBOARD



Retailers, Manufacturers and Wholesalers have direct "Live" access to all product reservations that have been made and from each reservation, clicking on the square icon allows them to send a direct offer to each User. Reservations can be made for each product for all 3 upcoming shopping seasons.

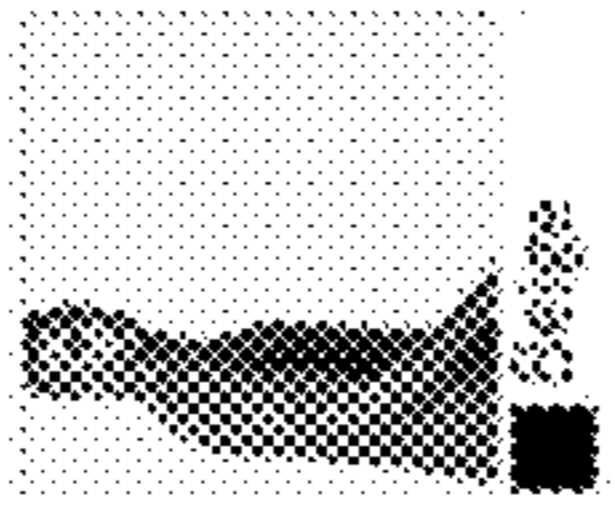

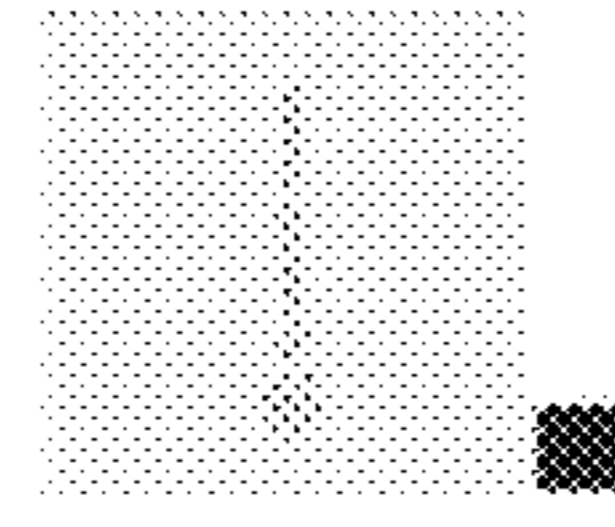

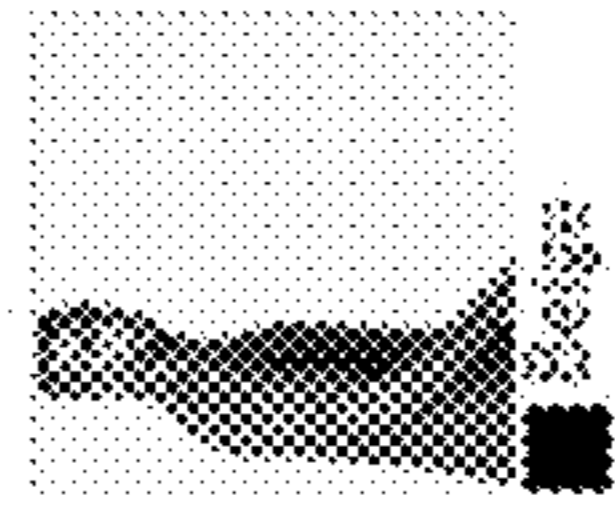

Product Picture	Product Name	Zip/Postal Code	Reserved By	Date Reserved
	tshirt	LSW 434		Jul 4, 2018
	tshirt	LSW 434		Jul 4, 2018
	tshirt	363001		Jul 4, 2018

FIG 32

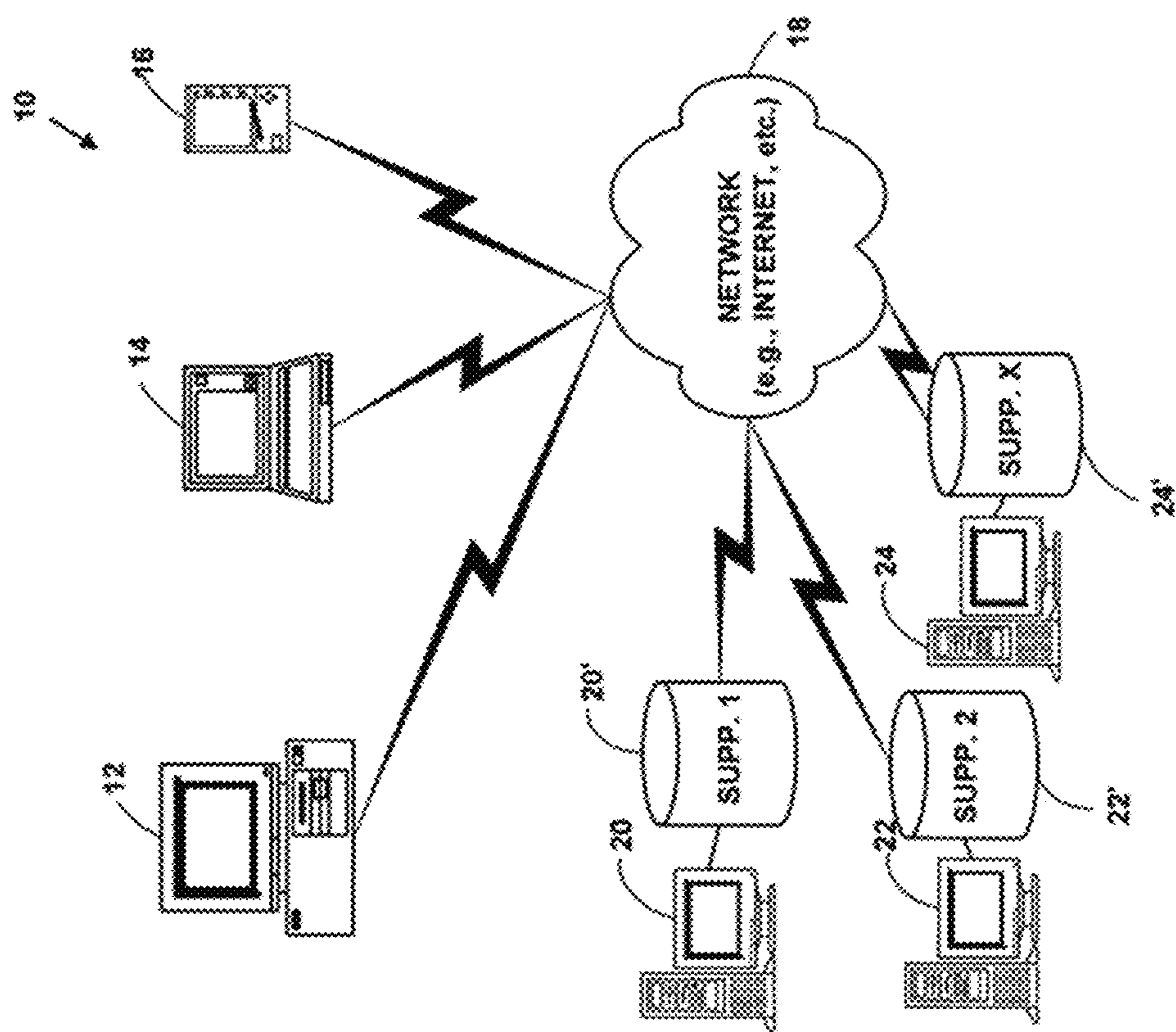


FIG 33

METHOD AND SYSTEM FOR RESERVING FUTURE PURCHASES OF GOODS

TECHNICAL FIELD

This invention relates to reserving goods or services over a computer network. More specifically, this invention relates to providing upcoming product reservations for goods or services via a computer network such as the Internet or an intranet.

BACKGROUND OF THE DISCLOSURE

Online comparison shopping is tedious, and it's almost impossible to stay up to date on product availability. The number of online vendors exceeds the amount of time an average person has to go through them all. The typical shopper has to manually catalog the results when comparison shopping, however maintaining and managing Wishlists across multiple retail sites is laborious. It is also difficult to search directly by manufacturer in a simple and efficient manner, wherein a user can rapidly find stores that are carrying their desired item

Aggregation systems such as Amazon use preformulated algorithms which may not work for many of the small vendors with unique products people might want to consider. Manufacturers also have difficulty knowing which areas they should warehouse their products in. An item might have more demand in one geographic area than another. Currently, manufacturers have to estimate where to warehouse their products based on previous trends which may be inaccurate or out of date.

Thus, there exists a need in the art to address the problems described above. Such a system would allow a shopper to search by retailer, manufacturer, and wholesaler, locate vendors that "currently" sell that item and buy directly from them through a convenient interface. Additionally, based on the exact same search, with only one click, the system should allow users to locate vendors that will be selling said item or similar ones as a "New Arrival" in any revolving "Upcoming 3 Shopping Seasons", and to reserve the item and buy directly once the item is available for purchase.

SUMMARY OF THE DISCLOSURE

In accordance with preferred embodiments of the present invention, some of the problems associated with comparison shopping are overcome. A method and system for reserving future purchases of goods or services is presented.

A method for providing a rapid reservation of items is provided. A server network device provides to a shopper client network device via a computer network, an option to search by retailer, manufacturer, and wholesaler. The shopper client can filter the results by their geographic area. Results are shown by new arrivals first, items on sale second, and standard inventory third. A user wishlist is provided to each user, wherein a user can add items to their user wishlist and make it their first choice in their wishlist. An option to purchase the item is provided wherein the user is then redirected to a vendor website. From the same search results page, and with only 1 click, users can filter by upcoming 3 shopping seasons. Items in a user's wishlist can be selected as private or public (the public one being searchable by other members).

The present disclosure provides a system that displays search results by both retailers as well as manufacturers and wholesalers. Users can use one platform to search "Current

New Arrivals" from a large number of stores and filter with one click. Based on the same search criteria and with one click, users can change the search results from: 1) "Current New Arrivals" 2) "Items On Sale" 3) "Standard Inventory" 4) "Revolving Upcoming 3 Shopping Seasons" and have the ability to use multiple filters in each respective result.

The present disclosure further provides a "Wishlist" to accommodate different single products with their specific color and/or style/model from a large number of vendors. Additionally users have an option to select an item as their first choice and the option to reserve said item, and display the item as private or public. In one embodiment, the public wishlist is searchable by third party users such as friends and family member. Users further have the ability to receive offers from vendors based on their choices and remain anonymous.

The present disclosure further provides a system that allows Retailers to have their New Arrivals, Items On Sale and Standard Inventory to be searchable by product name, thus increasing exposure to previously unknown users. Retailers further can constantly showcase their New Arrivals for three upcoming shopping seasons and have them be searchable, without any item being associated with a URL. Retailers further can have their upcoming products to be reserved and added to wishlist as a specific color or model, though facilitating their future inventory management with precise analytics. Retailers further can have analytics for each product in each color or model in each zip or postal code around the world and can send them bulk or personalized offers. Retailers further can have all items be simultaneously posted on their own website.

The present disclosure additionally allows displaying search results by Manufacturers and Wholesalers. For Shopper Users, this allows for conducting fast searches by being able to use one platform to search any "Current and Upcoming New Arrivals" items from an unlimited number of manufacturers or wholesalers around the world. Then with a single click, users have the ability to filter results by any one of the upcoming yearly shopping seasons (when selecting current season that will be the items sold as "Current New Arrivals" in the retail stores). From the search results, users can choose an item from any manufacturer or wholesaler and find a list all retailers that are selling that item, with specific geotargeting to find a nearby location. From the result list of Retailers selling that item, the ability users can search that item from all listed retailers (whatever is the number of Retailers) with one click. Then, with one click, users can filter by price point and can buy the item directly from the store or store's website.

For Manufacturers and Wholesalers, the present disclosure provides the ability to sustain and increase sales by directing the users directly to all the retailers selling their items within the geographic area chosen by the users. Manufacturers and wholesalers can better recommend to their Retailers what to purchase based on their retail location as they will have direct local consumers trends and analytics of each item by color and/or by model and they will have it for every zip or postal code in the world. Manufacturers and wholesalers can also increase their sales as "New Retailers" can find them when conducting searches of items, they sell. This allows for better control on what and how many items to manufacture with the ability to find out which items are the most and least popular by model and/or color directly from the consumers.

By exposing their future production of items directly to the retail market, manufacturers and wholesalers will have an opportunity to have consumers to reserve the items

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directly on the retailer's websites selling their production. Thus, these users can showcase their New Production for the 3 revolving upcoming shopping seasons and have them searchable without any of the item being associated to a URL. Additionally, using a plugin, such users have the ability to have all items they upload on the system to be simultaneously posted on their own website.

Although specific advantages have been enumerated above, various embodiments may include some, none, or all of the enumerated advantages. Additionally, other technical advantages may become readily apparent to one of ordinary skill in the art after review of the following figures and description.

BRIEF DESCRIPTION OF THE DRAWINGS

For a more complete understanding of the present disclosure and its advantages, reference is now made to the following description taken in conjunction with the accompanying drawings, in which like reference numerals represent like parts.

FIG. 1 is a user interface illustrating a product reservation system according to one exemplary embodiment of the present invention.

FIG. 2 is a user interface illustrating a search results by retailers according to one exemplary embodiment of the present invention.

FIG. 3 is a user interface illustrating an items detail page according to an embodiment of the present invention.

FIG. 4 is a user interface illustrating a reserved item page according to an embodiment of the present invention.

FIG. 5 is a vendor website/

FIG. 6 is a user interface illustrating a filter results feature according to one exemplary embodiment of the present invention.

FIG. 7 is a user interface illustrating a filter results feature according to one exemplary embodiment of the present invention.

FIG. 8 is a user interface illustrating a user wishlist according to an embodiment of the present disclosure.

FIG. 9 is a user interface showing a search of a target user and displaying a wishlist of the target user.

FIG. 10 is a user interface illustrating a notifications interface according to an embodiment of the present disclosure.

FIG. 11 is a reservations interface according to an embodiment of the present disclosure.

FIG. 12 is a target shopper by location interface according to an embodiment of the present disclosure.

FIG. 13 is a manage products interface according to an embodiment of the present disclosure.

FIG. 14 is a product stores interface for a product according to an embodiment of the present disclosure.

FIG. 15 is a product stores interface for a product showing a product selection interface.

FIG. 16 shows an import products interface according to an embodiment of the present disclosure.

FIG. 17 is a user interface illustrating a search by Manufacturers according to one exemplary embodiment of the present invention.

FIG. 18 is a search results page illustrating a search by manufacturers.

FIG. 19 is a user interface illustrating a search by Manufacturers filtered by a Summer 2019 season according to an exemplary embodiment of the present invention.

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FIG. 20 is a user interface illustrating a search by Manufacturers filtered by a Fall 2018 season according to an exemplary embodiment of the present invention.

FIG. 21 is a manufacturer viewing details interface of a selected item. A user can find nearby stores selling the selected item by clicking on button 200 to find "Stores Where This Item Is Sold".

FIG. 22 is a user interface illustrating a pop-up to select a location where the user is searching for stores.

FIG. 23 is a user interface displaying results of the stores selling a targeted product from a manufacturer or wholesaler.

FIG. 24 is a user interface displaying search results of the stores selling a targeted product from a manufacturer or wholesaler.

FIG. 25 shows the detail page for a specific item.

FIG. 26 is a store website displaying an item and an ADD TO CART button.

FIG. 27 is a user interface displaying live product analytics across a range of single products.

FIG. 28 is a single detail product analytics interface page.

FIG. 29 is an anonymous message popup where a message can be sent to all users, or a specific user, in the desired item category.

FIG. 30 is a single product zip code analytics interface page.

FIG. 31 is an anonymous message by zip code popup.

FIG. 32 is a page that shows "Live" access to all product reservations that have been made.

FIG. 33 is an architecture diagram.

DETAILED DESCRIPTION OF THE DISCLOSURE

It should be understood at the outset that, although exemplary embodiments are illustrated in the figures and described below, the principles of the present disclosure may be implemented using other techniques. The present disclosure should in no way be explicitly limited to the exemplary implementations and techniques illustrated in the drawings and described below. Additionally, unless otherwise specifically noted, articles depicted in the drawings are not necessarily drawn to scale.

FIG. 1 is a user interface illustrating a product reservation system according to one exemplary embodiment of the present invention. The product reservation system includes one or more client network devices. The client network devices include, but are not limited to, personal computers, wireless telephones, personal information devices, personal digital assistants, hand-held devices, network appliances, and other types of electronic devices. However, the present invention is not limited to these devices and more, fewer or equivalent types of client electronic devices can also be used. The client network devices can represent shoppers as well as vendors and are in communications with a computer network (e.g., the Internet, intranet, etc.).

Users of the product reservation system can search for a product such as "running shoes" via a search text box 101. Users can search by product name from either: Retailers, Manufacturers, Wholesalers, or Service Providers via a dropdown 102. Users cannot search from more than one supplier at a time (that is, they have to select either retailers, manufacturers, wholesalers, or service provider).

The present disclosure further provides a filtering method wherein a user can filter the results by:

- all results;
- new arrivals ONLY;

items on sale ONLY;
 by color;
 by price, low to high and vice versa;
 by store name;
 by brand or manufacturer.

A user can also filter results by:

Country;
 state or province;
 city;

Searching by Retailers

A user can search for products by retailer and filter the results as described above. FIG. 2 is a user interface illustrating a search results by retailers according to one exemplary embodiment of the present invention. By Default, the results always show new arrivals **104** first, items on sale **106** second, and standard inventory **108** third. A user can click on an item by clicking on a “Vendor name” button **109**. The respective Vendor name button appears for each item. Clicking on the Vendor name button **109** will take the user to the respective item details page.

FIG. 3 is a user interface illustrating an items detail page according to an embodiment of the present invention. The present disclosure includes a wishlist which allows shoppers to save their favorite products from multiple sites in one place and make them public or private. According to an embodiment, the public wishlist can be accessed by third party users such as friends or family or family members, such that when they search their wishlist they will be able to see exactly what they want and where it is sold. A user can add an item to their wishlist on an items detail page by pressing wishlist button **110**. In a further embodiment, a user can sub-select styles or colors of their favorite product via a color or style panel interface **114** and mark their 1st Choice by clicking on their favorite color or style. Once they do, it will be saved in their wishlist as “My 1st Choice”, including the item color and model. If they save it as public then their friends and family members will know what the user 1st choice is **112** and where to get it. In a further embodiment, a user can reserve any upcoming New Arrivals in any revolving upcoming 3 shopping seasons, as shown in FIG. 4. Notification **404** shows a reserved item. A user can see what season an item appears in via season notification panels **402**. A user can select their first-choice color via color selector **401**. A user can also mark a reservation as their first choice via first choice button **403**. If an item is reserved, it shows via reserved panel **404**.

In a further embodiment, users can view more details or buy it directly from the respective Vendor selling the product by clicking “View More Details” **118** or “Buy Now” **119** buttons. In one embodiment, users are then redirected to the exact product URL of the Vendor Website.

FIG. 5 vendor website selling a product after a user has click “Buy Now” **119**. URL **122** shows the product URL on the vendors website. A user can buy the product on the vendor website via add to bag/cart button **120**. It can be appreciated that the present disclosure suggests a novel approach of searching products from all vendors at once that are registered on the platform, and linking product results directly to vendor URL addresses. This allows vendors to maintain a level of control over their inventory whilst having the benefit of an aggregated system that increases reservations and sales.

FIG. 6 is a user interface illustrating a filter results feature according to one exemplary embodiment of the present invention. From the same search results interface, and with ONLY 1 click users can filter by:

All Results

Items On Sale

By Upcoming Shopping Season, following the current shopping season, (i.e. if the current shopping season is Fall 2018 then the 3 upcoming Shopping Seasons would be Winter 2018, Spring 2019, Summer 2019 etc.)

In an embodiment, the user can filter the search results via a filter results dropdown **121**. Selecting a category via dropdown **123** instantly filters the results and displays the items according to the filter criteria. For example, FIG. 7 shows results filtered by Winter 2018. Only items to be released in the Winter 2018 season are shown as this is the category filter criteria selected in dropdown **123**.

FIG. 8 is a user interface illustrating a user wishlist according to an embodiment of the present disclosure. Users have a Wishlist where different products from different Vendors websites can be added as private or public (the public one being searchable by other members). Each item has a toggle **125** where a user can select whether the item is public or private. Users can also view item details directly from their wishlist by clicking the Vendor’s name which will take them to the item details interface.

The present disclosure also provides for users to search other user’s Public Wishlist’s using their email address and/or nickname in the same search dialog **101**. It can be appreciated that this allows users to see what other users want, what is their first choice and where to buy it. FIG. 9 is a user interface showing a search of a target user and displaying a wishlist of the target user. It can be appreciated that this allows for a fast way to search for third party’s desired items no matter which Vendor sells it.

The present disclosure also provides a notifications interface where each user can communicate with third parties such as vendors, manufacturers, and other users. FIG. 10 is a user interface illustrating a notifications interface according to an embodiment of the present disclosure. In one embodiment, the system is anonymous. That is, a user can receive offers from vendors through the anonymous system wherein vendors only know the users by their nickname.

In a further embodiment, as show in in FIG. 11, users can reserve and manage products from vendors for upcoming shopping seasons. In a preferred embodiment, users can reserve and manage products from vendors for 3 upcoming shopping seasons. The system further provides a season dropdown **130** where users can filter the results to specific upcoming shopping seasons. From the same screen, users can search for a specific item or delete any items they no longer wish to reserve.

Manufacturer Product Interface

The present disclosure also provides systems for manufacturers to target their desired audiences. FIG. 12 is a target shopper by location interface according to an embodiment of the present disclosure. Manufacturers and Wholesalers can select which location(s) where they have stores selling their products through targeting dropdowns **130**. The products they manufacture will show up in the search results where locations are selected. Manufacturers and Wholesalers can select one entire country and/or countries—all the way to only 1 city within a specific country.

FIG. 13 is a manage products interface according to an embodiment of the present disclosure. When manufacturers upload their products on the system, they have the ability to add all the stores around the world that are selling each item they manufacture or distribute. The system will facilitate the management of which stores sell each product by accessing it through the “STORES” buttons, for example Stores button

132. Clicking on “Stores” button 132 will bring up the stores where the specific item is sold (product stores interface). Manufacturers are also able to filter by country, state/province and city.

FIG. 14 is a product stores interface for a product according to an embodiment of the present disclosure. In one embodiment, the product stores interface displays all stores where the manufactured or distributed item is sold in a specific location. Users can change the query by changing the location via location dropdowns 150. Alternatively, users can select all states/provinces.

In a further embodiment, Manufacturers and Wholesalers can manage the stores where their products are sold (either one by one) or using Bulk Actions. FIG. 15 is a product stores interface for a product showing a product selection interface. Manufacturers and Wholesalers can select as many products as they want in one location via a select products dropdown 152 and perform a bulk action via bulk action drop down 153. The bulk actions include Add, Delete, Activate, and Deactivate.

Manufacturers and Wholesalers will also be able to, like Retailers, bulk upload/import products and product images using CSV files. FIG. 16 shows an import products interface according to an embodiment of the present disclosure. In order to import products, users import a spreadsheet file such as a CSV file via an IMPORT button. In one embodiment, users can only upload products for “Upcoming Seasons” by selecting Upcoming Products from dropdown 154. In a further embodiment, Retailers (not Wholesalers and Manufacturers users) can upload new arrivals, items on sale and current standard product inventory by selecting those options from dropdown 154.

Searching from Manufacturers and Wholesalers Instead of Retailers

Systems disclosed in the present disclosure also allow users to search directly from manufactures and wholesalers instead of retailers. It can be appreciated that such functionality creates a new stream of commerce that benefits users and manufacturers, wholesalers as well as retailers who can now better target their users and more efficiently stock and warehouse various products.

FIG. 17 is a user interface illustrating a search by Manufacturers according to one exemplary embodiment of the present invention. From dropdown 102, a user selects Manufacturers and enters in a search query such as “running shoes.”

By default, results from manufacturers and wholesalers always show products for the current shopping season 160 first which products are currently sold as new arrivals in retail stores. A user can view an item by either clicking on a “Manufacturer or Wholesale Name” button 170 or the Product Image. A separate view details button appears for each item. Clicking the view details button 170 will take the user to an item details page. FIG. 18 is a search results page illustrating a search by manufacturers, (or for a search by wholesalers as it works identically as manufacturers), according to an embodiment of the present disclosure. The results show products of the search query by all manufacturers. In one embodiment, results shown by 4 different shopping seasons, starting with the current shopping season and then for the 3 upcoming seasons. A user can filter the search results via season filter dropdown 160. FIG. 19 is a user interface illustrating a search by Manufacturers filtered by a Summer 2019 season according to an exemplary embodiment of the present invention. In this example, the user has reserved 1 product 156. FIG. 20 is a user interface illustrating a search by Manufactures filtered by a Fall 2018

season according to an exemplary embodiment of the present invention. A user can select an item from manufacturer, for example by pressing on MFG button 170, or the item picture, which takes the user to a manufacturer viewing details interface of the selected item which was posted by the Manufacturer.

FIG. 21 is a manufacturer viewing details interface of a selected item. A user can find nearby stores selling the selected item by clicking on button 200 to find “Stores Where This Item Is Sold”. In one embodiment, clicking on button 200 will bring up a pop-up to select a location where the user is searching for stores. FIG. 22 is a user interface illustrating a pop-up to select a location where the user is searching for stores. In one embodiment, the location could be by whole Country only or whole state/province only or, whole city. Pressing search will then display results of the stores selling the product

FIG. 23 is a user interface displaying results of the stores selling a targeted product from a manufacturer or wholesaler. In one embodiment, clicking “SEARCH” will search all stores with “ONLY ONE CLICK” no matter how many stores are in the search criteria.

FIG. 24 is a user interface displaying search results of the stores selling a targeted product from a manufacturer or wholesaler. In one embodiment, users can display the results from low to high. Clicking on a store takes the user to a detail page for the item.

FIG. 25 shows the detail page for the item. A user who wants to buy an item can select buy now, which then takes the user to the store’s website detail page of the item where they can buy the item. FIG. 26 is a store website displaying an item and an ADD TO CART button.

Retailers, Manufacturers and Wholesalers Live Analytics Technology

The systems of the present disclosure also provide live analytics to Retailers, Manufacturers and Wholesalers. FIG. 27 is a user interface displaying live product analytics across a range of single products. In an embodiment, the system provides live analytics for: Number Views, Wishlists, Shares, 1st Choices, and Reservations—present if they are currently listed in any upcoming shopping seasons and past reservations when they were reserved during the time they were listed in past upcoming shopping seasons. Clicking on a product 260 will take the user to a single detail product analytics interface.

FIG. 28 is a single detail product analytics interface page. Embodiments of the present disclosure provide for access to live single product analytics by color or model, and broken down into Wishlist analytics, Reservation analytics, and First choice analytics. From the same page, messages can be sent to any users who have the specific item in their wishlist, reservation, or selected as their first choice. In one embodiment, a vendor can send a message to a shopper, wherein the identity of the shopper is anonymous. In one embodiment, Anonymous Messages can be sent to anyone by clicking on an icon 210 next to an item category. FIG. 29 is an anonymous message popup where a message can be sent to all users, or a specific user, in the desired item category. The recipient of the message remains anonymous, not the vendor.

Analytics of single products Wishlists, first choices, and reservations can also be tracked by color or model specifically within each Zip or Postal Code. FIG. 30 is a single product zip code analytics interface page. Disclosed are anonymous users by zip code who made the selection, wherein Retailers, Manufacturers and Wholesalers can send these users messages and/or offers. In this embodiment, they

send messages to the users by pressing icon **211** within the desired item category. When clicking on the icon **211** the window shown in FIG. **30** opens and retailers, manufacturers and wholesalers can send personalized notifications to either the entire Zip/Postal Code (no matter what color or model was selected) or to only the user(s) who have selected a specific color or model. FIG. **31** is an anonymous message by zip code popup.

The present disclosure also provides Retailers, Manufacturers and Wholesalers with direct “Live” access to all product reservations that have been made, as shown in FIG. **32**. From each reservation, clicking on icon **212** allows them to send a message or offer to each user. It can be appreciated that in a specific embodiment of the present disclosure, reservations can be made for each product for all 3 upcoming shopping seasons.

FIG. **33** is an architecture diagram. The user interfaces disclosed can be implemented via a product reservation system **10** includes one or more client network devices **12**, **14**, **16** (only three of which are illustrated). The client network devices **12**, **14**, **16** include, but are limited to, personal computers, wireless telephones, personal information devices, personal digital assistants, hand-held devices, network appliances, and other types of electronic devices. However, the present invention is not limited to these devices and more, fewer or equivalent types of client electronic devices can also be used. The client network devices **12**, **14**, **16** can represent shoppers as well as vendors and are in communications with a computer network **18** (e.g., the Internet, intranet, etc.). In one embodiment, vendors are manufacturers of products.

The communication includes, but is not limited to, communications over a wire connected to the client network devices, wireless communications, and other types of communications. Plural server network devices **20**, **22**, **24** associated with one or more associated databases include reservation and/or pricing information for goods that may be supplied by plural vendors **20'**, **22'**, **24'**.

An operating environment for components of the electronic option system **10** for preferred embodiments of the present invention include a processing system with at least one high speed Central Processing Unit (“CPU”) and a memory. In accordance with the practices of persons skilled in the art of computer programming, the present invention is described below with reference to acts and symbolic representations of operations or instructions that are performed by the processing system, unless indicated otherwise. Such acts and operations or instructions are referred to as being “computer-executed” or “CPU executed.”

It will be appreciated that acts and symbolically represented operations or instructions include the manipulation of electrical signals or biological signals by the CPU. An electrical system or biological system represents data bits which cause a resulting transformation or reduction of the electrical signals or biological signals, and the maintenance of data bits at memory locations in a memory system to thereby reconfigure or otherwise alter the CPU’s operation, as well as other processing of signals. The memory locations where data bits are maintained are physical locations that have particular electrical, magnetic, optical, or organic properties corresponding to the data bits.

The data bits may also be maintained on a computer readable medium including magnetic disks, optical disks, organic memory, and any other volatile (e.g., Random Access Memory (“RAM”)) or non-volatile (e.g., Read-Only Memory (“ROM”)) mass storage system readable by the CPU. The computer readable medium includes cooperating

or interconnected computer readable medium, which exist exclusively on the processing system or be distributed among multiple interconnected processing systems that may be local or remote to the processing system.

In view of the wide variety of embodiments to which the principles of the present invention can be applied, it should be understood that the illustrated embodiments are exemplary only, and should not be taken as limiting the scope of the present invention. For example, the steps of the flow diagrams may be taken in sequences other than those described, and more or fewer elements may be used in the block diagrams.

While various elements of the preferred embodiments have been described as being implemented in software, in other embodiments hardware or firmware implementations may alternatively be used, and vice-versa.

The claims should not be read as limited to the described order or elements unless stated to that effect. In addition, use of the term “means” in any claim is intended to invoke U.S.C. § 112, paragraph 6, and any claim without the word “means” is not so intended.

Therefore, all embodiments that come within the scope and spirit of the following claims and equivalents thereto are claimed as the invention.

Modifications, additions, or omissions may be made to the systems, apparatuses, and/or methods described herein without departing from the scope of the disclosure. For example, various components of the systems and apparatuses may be integrated or separated. Moreover, the operations of the systems and apparatuses disclosed herein may be performed by more, fewer, or other components and the methods described may include more, fewer, or other steps. Additionally, steps may be performed in any suitable order. As used in this document, “each” refers to each member of a set or each member of a subset of a set.

To aid the Patent Office and any readers of any patent issued on this application in interpreting the claims appended hereto, applicants wish to note that they do not intend any of the appended claims or claim elements to invoke U.S.C. § 112(f) unless the words “means for” or “step for” are explicitly used in the particular claim.

The invention claimed is:

1. A method for reserving goods, comprising:

a server network device provides to a shopper client network device via a computer network, an option to search by retailer or manufacturer, wherein the shopper client filters the results by their geographic area displaying results on a search results page of the shopper client network device by new arrivals first, items on sale second, and standard inventory third, wherein from the search results page, and with only 1 click, the shopper client network device can filter by upcoming season;

providing a wishlist to the shopper client network device, wherein the shopper client network device can add an item from the filtered results to their user wishlist and make said item the first choice in their wishlist, wherein items in a user’s wishlist can be selected as private or public, and wherein a public wishlist is searchable by other users;

providing an option to purchase said item if it is available for purchase, wherein the user is then redirected to a vendor website via a presubmitted URL.

2. The method of claim 1, further comprising providing a user interface for vendors to pre-post future releases for 3 upcoming shopping seasons.

3. The method of claim 2, further comprising providing an option to reserve said item.

4. The method of claim 3, wherein reserving can be either public or private.

5. The method of claim 4, wherein marking a product as a first choice automatically saves the product to the shopper's wishlist. 5

6. The method of claim 5, further comprising providing a vendor user real time analytics on every product sold.

7. The method of claim 6, wherein the real time analytics further comprise the number of viewers per item as well as how many users added the item to a shopper wishlist. 10

8. The method of claim 7, further comprising providing a notification system to alert shoppers targeted by a geolocation. 15

9. The method of claim 8, wherein the notification system only notifies shoppers who have added a product to a shopper wishlist.

10. The method of claim 1, further comprising displaying new arrivals for up to 3 revolving upcoming shopping seasons, wherein the new arrivals are searchable and none of the new arrivals are associated with a URL. 20

11. The method of claim 1, further comprising a shopper client network device receiving an anonymous message from a vendor. 25

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