



**GUJARAT TECHNOLOGICAL UNIVERSITY
(GTU)
INNOVATION COUNCIL (GIC)
Patent Search & Analysis Report
(PSAR)**



Date of Submission : 02/09/2018

Dear **Patel Darsh Bhanubhai**,

Studied Patent Number for generation of PSAR : **18BE7_151230107027_4**

PART 1: PATENT SEARCH DATABASE USED

1. Patent Search Database used : Google Patents

Web link of database : <https://patents.google.com/>

2. Keywords Used for Search : online,Buying,Food

3. Search String Used : online buying food

4. Number of Results/Hits getting : 250

PART 2: BASIC DATA OF PATENTED INVENTION /BIBLIOGRAPHIC DATA

5. Category/ Field of Invention :

6. Invention is Related to/Class of Invention : APPLICATION

6 (a) : IPC class of the studied patent : U.S. Cl. 705/26

7. Title of Invention : ONLINE SHOPPING SYSTEM

8. Patent No. :

9. Application Number : 10/265,614

9 (a) : Web link of the studied patent : <https://patents.google.com/patent/US7124098B2/en?q=online+shopping&q=system&q=food&oq=online+shopping+system+for+food>

10. Date of Filing/Application (DD/MM/YYYY) : 10/17/2006

11. Priority Date (DD/MM/YYYY) :

12. Publication/Journal Number :

13. Publication Date (DD/MM/YYYY) :

14. First Filled Country : Albania :

15. Also Published as

Sr.No	Country Where Filled	Application No./Patent No.
1		

16. Inventor/s Details.

Sr.No	Name of Inventor	Address/City/Country of Inventor
1	David B Hopson	Arvada
2	Kimberly S Keys	CO (US)

17. Applicant/Assignee Details.

Sr.No	Name of Applicant/Assignee	Address/City/Country of Applicant
1	David B Hopson	Arvada
2	Kimberly S Keys	CO (US)

18. Applicant for Patent is : Individual

PART 3: TECHNICAL PART OF PATENTED INVENTION**19. Limitation of Prior Technology / Art**

a member search is selected, the customer service interface then displays a screen permitting data entries for member name, number, address, order number, etc. A search can be performed on any of those parameters; and upon entering the desired search criteria, a search is submitted. The results of that search are displayed, along with a member rating code. Given the search results, if a member proxy or CSR selects, an option to enter the member account, the system, moves to the shopping home. If the member proxy or CSR selects an option, to view the rating codes, the system then displays, the rating codes associated with the member or user found in the search. Member rating codes are entered and managed by a CSR but are viewable on various screens in the member proxy interface. Member rating codes relate to special characteristics associated with that member either in terms of special needs, credit rating, payment history, order limitations, etc.

20. Specific Problem Solved / Objective of Invention

An online shopping system that permits a customer to submit online orders for items and/or services from a store that serves both walk-in customers and online customers.

21. Brief about Invention

An online shopping system that permits a customer to submit online orders for items and/or services from a store that serves both walk-in customers and online customers. The online shopping system presents an online display of an order cutoff time and an associated delivery window for items selected by the customer. The system accepts the customer's Submission of a purchase order for the item in response to a time of submission being before the order cutoff time. The online shopping system does not settle with a credit supplier of the customer until the item selected by the customer is picked from inventory but before it is

delivered. Therefore, the customer can go online and make changes to the order. In addition, available service windows are presented to the customer as a function of customer selected order and service types; and further, the order picking is assigned in accordance with a picker's preference.

22. Key learning Points

The online shopping system does not settle with a credit supplier of the customer until the item selected by the customer is picked from inventory but before it is delivered. Therefore, the customer can go online and make changes to the order.

23. Summary of Invention

The present invention provides an online shopping system for groceries and related goods and services that is more flexible and efficient than known services. The online shopping system of the present invention permits a customer to change an order after it has been submitted by the customer on the webpage. By permitting the customer to make changes to the order after Submission, the online shopping system better accommodates the needs of a customer shopping for groceries. Further, that flexibility relieves the provider of the online shopping system from having to address those customer order changes with customer service resources. Thus, that relatively simple capability has the potential of Substantially improving customer satisfaction with the online shopping system and eliminating a potential Substantial use of customer service resources.

24. Number of Claims : 8

25. Patent Status : Published Application

26. How much this invention is related with your IDP/UDP?

> 91 %

27. Do you have any idea to do anything around the said invention to improve it? (Give short note in not more than 500 words)

Provide location tracking for customer so Customer add his/her exact location without entering any address for shipping.