



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



Date of Submission : 24/09/2016

Dear Ghanta Sarfaraz Mehboobali,

Studied Patent Number for generation of PSAR : 16BE7_130430116031_5

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	:	Automatic Appointment, Appointment, Appointment scheduler
3. Search String Used	:	Automatic Appointment
4. Number of Results/Hits getting	:	5434

PART 2: BASIC DATA OF PATENTED INVENTION /BIBLIOGRAPHIC DATA

5. Category/ Field of Invention	:	Computer/IT Engineering
6. Invention is Related to/Class of Invention	:	Automatic Appointment
6 (a) : IPC class of the studied patent	:	G06Q10/1095
7. Title of Invention	:	Location-and direction-enhanced automatic reminders of appointments
8. Patent No.	:	US7847686B1
9. Application Number	:	US11327773
9 (a) : Web link of the studied patent	:	https://patents.google.com/patent/US7847686B1
10. Date of Filing/Application (DD/MM/YYYY)	:	06/01/2006
11. Priority Date (DD/MM/YYYY)	:	06/01/2006
12. Publication/Journal Number	:	
13. Publication Date (DD/MM/YYYY)	:	07/12/2010
14. First Filled Country : Albania	:	United States

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	Richard Atkins	Chatswood (AU)
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3	David Thambiratnam	Ashfield (AU)

17. Applicant/Assignee Details.

Sr.No	Name of Applicant/Assignee	Address/City/Country of Applicant
1	Avaya Inc	Basking Ridge, NJ (US)

18. Applicant for Patent is _____ : _____ Company

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

There was rare or no location based appointment Scheduling system which can help better to locate the place of the scheduled appointment

20. Specific Problem Solved / Objective of Invention

An automatic appointment reminder system uses location and/or direction of travel of the reminder recipient relative to appointments to affect the time of sending of appointment reminders to the user, and thus enhances the user's ability to be on-time for appointments.

21. Brief about Invention

Calendar-based automatic reminding applications are well known in the art. They integrate a calendaring application, such as Microsoft Outlook Calendar, with a messaging application, such as Microsoft Exchange, to send electronic messages to a user informing him or her of a calendar entry (referred to herein as an appointment) at some selected period of time before the time of the appointment. An example thereof is MobiSMS from MobiMarketing, which synchronizes with Outlook Calendar to send short Message Service (SMS) calendar-entry reminders to communication devices of specified persons. The known applications send the reminders irrespective of other factors that may influence whether or not sending of the reminder is appropriate, such as the user's present activity, location, or direction of travel.

Location-based services, which assist people in their decision-making during performance of tasks in space and time, are also known. They support spatial queries, such as "the shortest route from here to there" and "nearest restaurant from here," where "here" is the location of the user, specified either by the user or by any location-detecting system

22. Key learning Points

This invention relates to the field of automated reminder arrangements.

23. Summary of Invention

We have recognized that advantages are to be gained by integrating the principles of calendar-reminder applications with location-based services to condition sending of calendar reminders on location and/or direction of travel of the reminder recipient relative to the appointment. For example, if the intended recipient of an e-mail reminder is not at their desk at the time of sending of the reminder, the reminder may be useless and it would be preferable to send a page or a voice reminder instead. Or, if the intended recipient is occupied in certain activities (e.g., in the washroom, or in an executive conference room) at the time of sending of the reminder, it may be inappropriate to interrupt the recipient and preferable to delay the reminder. Or, if the intended recipient is already on the way to or at the location that is the subject of the reminder, a reminder may not be needed. Or, if the intended recipient is far away from the place of the appointment, a reminder sent at a predetermined standard time interval before the appointment may be too late to be of any use.

According to an embodiment of the invention, therefore, there is provided a machine-implemented method of reminding a person of appointments, which involves determining a location and a time of an appointment, determining a location of the person, and using the determined locations and the determined time to schedule a reminder of the appointment. The reminder is then sent to the person at the

scheduled time. The invention thus improves the ability of a person who uses an automatic appointment reminder system to be on-time for the appointments.

24. Number of Claims : 8

25. Patent Status : Published Application

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

< 70 %

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)

location in app must be applied like that the user will just have to enter the location and he/she will get the result of specific place on hat location, ex:- i want an appointment from doctor in ahemadabad then i will just enter the location that is ahemadabad and the i will get the all available doctor in ahemadabad