



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



Date of Submission : 09/10/2019

Dear Gulani Simran Mahendra,

Studied Patent Number for generation of PSAR : 19BE7_160410116038_3

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 | : | Chat bot, NLP, Emotion of user |
| 3. Search String Used | : | Communication |
| 4. Number of Results/Hits getting | : | 8994 |

PART 2: BASIC DATA OF PATENTED INVENTION /BIBLIOGRAPHIC DATA

- | | | |
|---|---|---|
| 5. Category/ Field of Invention | : | |
| 6. Invention is Related to/Class of Invention | : | Communication |
| 6 (a) : IPC class of the studied patent | : | G06T13/40 |
| 7. Title of Invention | : | Using avatars to communicate |
| 8. Patent No. | : | |
| 9. Application Number | : | 10/747,255 |
| 9 (a) : Web link of the studied patent | : | https://patents.google.com/patent/US20040179039A1/en?q=~patent%2fWO2007134402A1&patents=false |
| 10. Date of Filing/Application (DD/MM/YYYY) | : | 09/16/2014 |
| 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	Patrick D Blattner	Sterling

17. Applicant/Assignee Details.

Sr.No	Name of Applicant/Assignee	Address/City/Country of Applicant
1	Microsoft Technology Licensing LLC	Redmond

18. Applicant for Patent is : Company

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

Poor designing in context to application.

20. Specific Problem Solved / Objective of Invention

Provides GUI for instant message.

21. Brief about Invention

A graphical user interface on a display device for using a computer to communicate using an avatar includes an instant message Sender display

22. Key learning Points

Instant response.

23. Summary of Invention

The Sender avatar is animated in response to a trigger related to content of a message Sent from a Sender to a recipient.

24. Number of Claims : 35

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)

No particular inkling for improvement of this patent.