

(54) Title of the invention : DEVELOPMENT OF MINI CLOUD SERVER WITH PORTABLE ON BOARD COMPUTER

<p>(51) International classification</p> <p>(31) Priority Document No</p> <p>(32) Priority Date</p> <p>(33) Name of priority country</p> <p>(86) International Application No</p> <p>Filing Date</p> <p>(87) International Publication No</p> <p>(61) Patent of Addition to Application Number</p> <p>Filing Date</p> <p>(62) Divisional to Application Number</p> <p>Filing Date</p>	<p>(71)Name of Applicant :</p> <p><b>1) Mr. R. CHANDRASEKARAN</b> Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, PERIYAR MANIAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY, PERIYAR, THANJAVUR, TAMIL NADU - 613403. Tamil Nadu India</p> <p><b>2)Ms. A. BARGANA</b> <b>3)Ms. S. SIVAPRIYA</b> <b>4)Ms. C. RAJANANDHINI</b> <b>5)Dr. V. VIOLET JULI</b> <b>6)Dr. L. JAYANTHI</b> <b>7)Mr. K. ARUN GANESH</b> <b>8)Mr. M. CHANDRAKUMAR PETER</b> <b>9)Mr. D. MAGHESH KUMAR</b> <b>10)Mr. G. AJAIKUMAR</b> <b>11)Ms. THAMARAI SELVIM</b></p> <p>(72)Name of Inventor :</p> <p><b>1) Mr. R. CHANDRASEKARAN</b> <b>2)Ms. A. BARGANA</b> <b>3)Ms. S. SIVAPRIYA</b> <b>4)Ms. C. RAJANANDHINI</b> <b>5)Dr. V. VIOLET JULI</b> <b>6)Dr. L. JAYANTHI</b> <b>7)Mr. K. ARUN GANESH</b> <b>8)Mr. M. CHANDRAKUMAR PETER</b> <b>9)Mr. D. MAGHESH KUMAR</b> <b>10)Mr. G. AJAIKUMAR</b> <b>11)Ms. THAMARAI SELVIM</b></p>
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## (57) Abstract :

Today, cloud computing is an impressive and latest technology which help in the challenges of storage, high speed of network and pay -per use characteristics. Data storage one of the primary service in cloud computing. In the present business world it has a great potential in the technology. In this project raspberry pi is a credit card size mini-computer, it runs a linux operating system called raspbian. Raspberry pi is very effective for the storage system and it promotes the country developing where money is always an impediment and if offers a convenient way to access files. The raspberry pi set-up gives a limited rapid elasticity in which is relatively easy to change the storage capacity but the processing power is more fixed. This system is available over the internet which fulfills the broad network access requirement. Hence the raspberry pi can be used as a cloud server which serves as a storage device for real time applications. These are several barriers in the implementation of cloud computing as it has a rapid progression in the area of cloud computing.

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