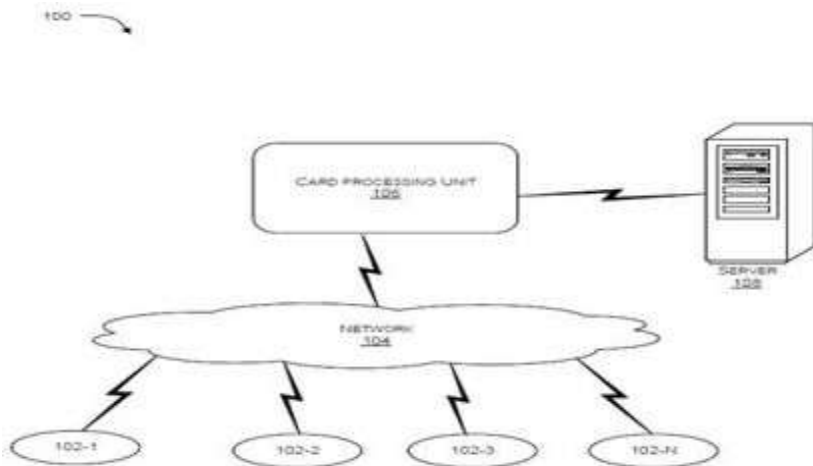


(54) Title of the invention : METHOD AND SYSTEM FOR SECURING COMMUNICATION BETWEEN A CARD AND A CARD MACHINE

(51) International classification	:G06Q0020400000, G06Q0020380000, G06Q0020200000, G07B0015060000, G06K0013120000	(71) Name of Applicant : 1)Chitkara Innovation Incubator Foundation Address of Applicant :SCO: 160-161, Sector -9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
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(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a system and method for establishing a communication channel between a card and a card processing unit 106. The card is operatively coupled to the card processing unit 106 through a card machine 102. Authentication of the card is based on a comparison of a first key code associated with the card and a dataset including pre-stored key codes. When the card is authenticated, a second key code is generated by the card processing unit 106. The card processing unit 106 enables the second key code to replace the first key code on the memory associated with the card through the card machine 102. The second key code replaces the first key code in the dataset. The system 100 issues a warning signal representing detection of card cloning based on a negative comparison of the key code associated with the card and the dataset.



No. of Pages : 29 No. of Claims : 10