CHAPTER IV.

THE VINCENNES LEAVES HONOLULU - DRUNKEN PILOT-MESSRS. BRINSMADE AND JUDD ACCOMPANY US-KANAKAS-PASSAGE TO HILO-BAY OF HILO-DISTANT VIEW OF HAWAII-VIEW FROM HILO BAY-OBSERVATORY ESTABLISHED AT WAIA-KEA-HILO-STRENGTH OF THE PARTY FOR THE ASCENT OF THE MOUNTAIN-CONFUSION AMONG THE NATIVES - DEPARTURE FROM HILO - THE KING'S FISH-PONDS-BYRON'S HILL-OLAA - PAHOIHOI LAVA - KAPUAUHI - IRON MORTAR -TERRITORY OF PELE-FIRST VIEW OF MAUNA LOA-VOLCANO OF KILAUEA-DEPARTURE FROM IT-SCARCITY OF WATER-CLINKERS-LOSS OF MR. BRINS-MADE'S STOCK OF WATER - DESERTER - THE WOODED REGION LEFT - CAVES -SUNDAY STATION-RAGSDALE JOINS THE PARTY-DR. JUDD GOES IN SEARCH OF SNOW - RECRUITING STATION - DESERTION OF THE NATIVES - FLAG STATION -UNPLEASANT NIGHT-LONGLEY IS MISSED-SUMMIT OF MAUNA LOA REACHED-ARRIVAL THERE OF MESSRS. JUDD AND PICKERING - CRATER RECONNOITRED -ORIGIN OF THE CLINKERS-CHRISTMAS DAY-LONGLEY IS FOUND-VISIT TO THE RECRUITING STATION-RETURN TO THE SUMMIT-ARRIVAL OF PROVISIONS FROM THE SHIP - PENDULUM-HOUSE ERECTED-NEW YEAR'S DAY-PHENOMENA OF THE CLOUDS-SURVEY OF THE SUMMIT BEGUN-PENDULUM EXPERIMENTS BEGUN-SEVERE STORM-SURVEY OF THE CRATER-EXPERIMENTS ON SOUND-PENDULUM EXPERIMENTS FINISHED-MOKU-A-WEO-WEO-HEIGHT OF MAUNA KEA-SURVEY OF THE SUMMIT FINISHED..... 109-164

CHAPTER V.

DEPARTURE FROM PENDULUM PEAK - SYMPTOMS OF THE MOUNTAIN - SICKNESS -ELECTRICAL PHENOMENA-DESCENT OF THE MOUNTAIN-ARRIVAL AT KILAUEA-DESCENT OF MESSRS. BUDD AND ELD-LOSS OF A KANAKA-SURVEY OF KILAUEA-SULPHUR-BANK-CIRCUIT OF THE CRATER-THIRD CRATER-LUA PELE-DR. JUDD'S DESCENT INTO THE CRATER-HIS PERILOUS ADVENTURES-VIEW OF THE ERUP-TION - SURVEY OF THE FIERY LAKE - BLACK LEDGE - QUANTITY OF MATTER DISCHARGED-NEW DISPOSITION OF PARTIES-RETURN TO THE COAST-LUA PELE-DEEP CREVICE-KALANOKAMO-PIT AND CONE CRATERS-MAP OF THE SOUTHEAST PORTION OF HAWAII-ALEALEA-IKI-PANAU-RECENT ERUPTION-TIMBER FELLED BY LAVA-TRUNCATED CONES ON THE LAVA-NAMES OF THE CONE-CRATERS-KEKAHUNANUI-COURSE OF THE STREAM OF LAVA-CRATERS NEAR THE COAST-WHITE OWL-PUNA-KANAKIKI-VOLCANIC SAND-HILLS-CHRYSOLITE-OLD AND NEW LAVA-VIEW FROM THE SAND-HILLS-KEEAU-TRAITS OF NATIVE CHA-RACTER-MODE OF RECKONING DISTANCES-RETURN TO HILO-PANDANUS TREE AND ITS USES-DERANGED NATIVE-PENDULUM EXPERIMENTS BEGUN-DISCREPAN-CIES IN THEM-APPARATUS REMOVED TO PANEO-STOPPAGE OF THE CLOCK-NEW DISTURBANCES IN THE EXPERIMENTS-APPARATUS REMOVED TO MOUNT KANUHA