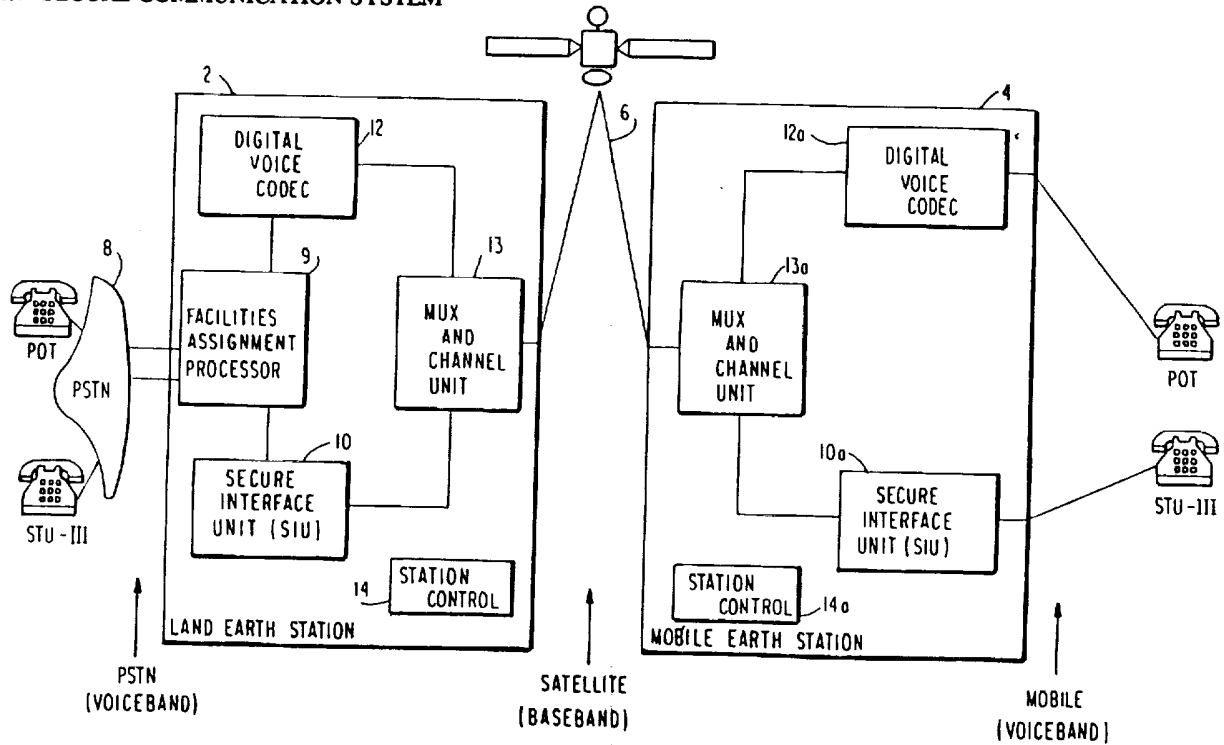




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<p>(21) International Application Number: PCT/US94/04976 (22) International Filing Date: 10 May 1994 (10.05.94) (30) Priority Data: 065,017 24 May 1993 (24.05.93) US (71) Applicant: COMSAT CORPORATION [US/US]; 6560 Rock Spring Drive, Bethesda, MD 20817 (US). (72) Inventors: DIMOLITSAS, Spiros; 9831 Sailfish Terrace, Gaithersburg, MD 20879 (US). RAGLAND, Roderick, James; 6020 Landon Lane, Bethesda, MD 20817 (US). HEMMATI, Farhad; 14 Lloydminster Court, Darnestown, MD 20878 (US). (74) Agent: MANDIR, William, H.; Sughrue, Mion, Zinn, MacPeak & Seas, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037-3202 (US).</p>	<p>(81) Designated States: AU, BR, CA, CN, JP, NO, RU, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report. (88) Date of publication of the international search report: 26 January 1995 (26.01.95)</p>	

(54) Title: SECURE COMMUNICATION SYSTEM



A communication system (Fig. 1) including: a first secure communication terminal (STU-III) for providing analog voiceband data; a first processing circuit (2) connected to receive the secure data from the first secure data into secure baseband data, the first processing circuit (2) transmitting the baseband data; a second processing circuit (4) connected to receive the transmitted baseband data from the first processing circuit (2), and for converting the received baseband data into analog voiceband data; and a second secure communication terminal (STU-III) for receiving the analog voiceband data from the second processing circuit (4). The communication system (Fig. 1) is especially applicable for handling secure data transmitted by an STU-III.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US94/04976

A. CLASSIFICATION OF SUBJECT MATTER

IPC(5) :H04M 11/00

US CL :379/100

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 379/100, 93, 98, 95, 58, 59; 455/12.1; 380/18, 19, 28

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	US, A, 5,282,238 (BERLAND) 25 January 1994, see Fig. 2.	1
X ---- Y	US, A, 5,150,401 (ASHBY, III et al.) 22 September 1992, col. 3, lines 18-20; col. 7, lines 4-7; col. 7, line 27 - col. 8, line 2; col. 9, lines 61-63; col. 10, line 14 - col. 11, line 26.	1, 3-8 ----- 2
Y	US, A, 5,166,977 (ROSS) 24 November 1992, Fig. 1.	2

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See patent family annex.

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Date of the actual completion of the international search

04 OCTOBER 1994

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