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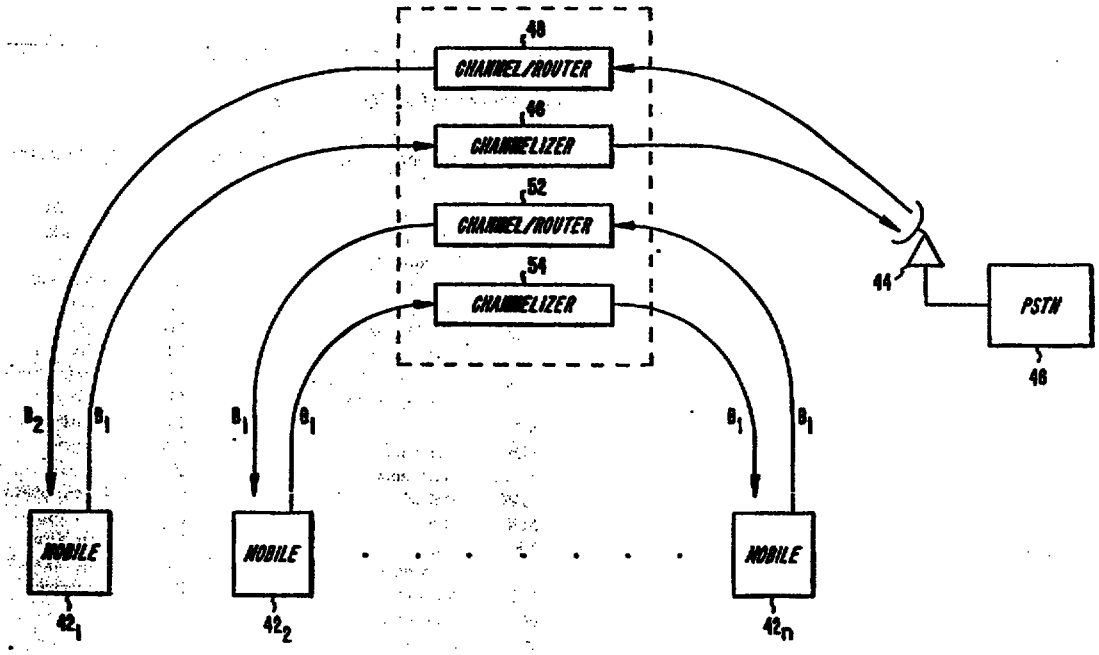
(54) Title: MOBILE SATELLITE PHONE SYSTEM INCORPORATING SYMMETRICAL AND NON–SYMMETRICAL WAVEFORM MODES



(57) Abstract

An improved multi–mode telephone for use in an improved satellite communication method and system. The telephone is selectively capable of receiving signals capable of receiving signals at different carrier bandwidths, such that a satellite communication system having a non–symmetrical air interface can be easily implemented without requiring rate conversion hardware or software at the satellite for direct mobile–to–mobile communications.