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(21) International Application Number: PCT/CA96/00621 (22) International Filing Date: 19 September 1996 (19.09.96) (30) Priority Data: 60/004,070 21 September 1995 (21.09.95) US (71) Applicant: NORTHERN TELECOM LIMITED [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA). (72) Inventors: KOS, Steven; Box 4, Site 38, R.R. #12, Calgary, Alberta T3E 6W3 (CA). TURNBULL, Robert, B.; 4732 Mardale Road, N.E., Calgary, Alberta T2A 3M8 (CA). (74) Agent: TOYOOKA, Yoshiharu; Northern Telecom Limited, Patent Dept., P.O. Box 3511, Station "C", Ottawa, Ontario K1Y 4H7 (CA).	(81) Designated States: AL, AU, BB, BR, CA, CH, CN, CZ, EE, GE, HU, IL, IS, JP, KR, LK, LV, MX, NO, NZ, PL, RO, SG, SK, TR, UA, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	

(54) Title: **METHOD OF AND APPARATUS FOR OFF-HOOK SIGNALLING BETWEEN TELEPHONES OR ADJUNCTS ON THE SAME LOOP**

(57) Abstract

When two or more telephone sets are in use on the same subscriber's loop, their activities may not be properly detected or monitored by the central office switch. The present invention provides a method of, and an apparatus for, coordinating the signaling activities so that a hook flash or "Link" can work. A telephone set of the invention senses and synchronizes hook flashes of another set on the same loop so that a coordinated hook flash or "LINK" can be properly detected by the office switch.

