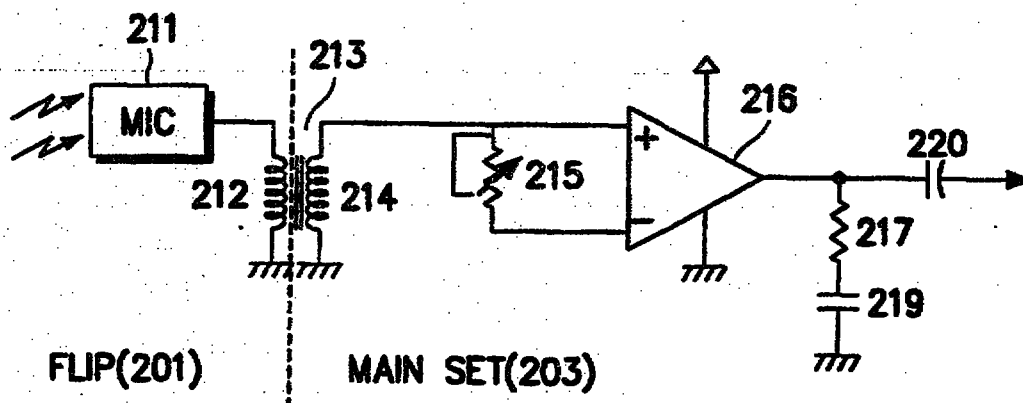


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04R 1/04	A1	(11) International Publication Number: WO 98/54925 (43) International Publication Date: 3 December 1998 (03.12.98)
(21) International Application Number: PCT/KR97/00262 (22) International Filing Date: 9 December 1997 (09.12.97) (30) Priority Data: 1997/21214 28 May 1997 (28.05.97) KR (71) Applicant: SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-370 (KR). (72) Inventors: LEE, Kang, Hoon; Hanjin Apt. 804-1801, Jungdenmaul, Jungja-dong, Bundang-gu, Seongnam-city, Kyungki-do 463-010 (KR). CHOEN, Kyung, Jun; Olympic Seonsuchon Apt. 102-704, Oryun-dong, Songpa-gu, Seoul 138-151 (KR). (74) Agent: LEE, Keon, Joo; Mihwa Building, 110-2, Myon- gryun-dong, 4-ga, Chongro-gu, Seoul 110-524 (KR).		(81) Designated States: AU, BR, CA, CN, IL, JP, RU, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.

(54) Title: AN ELECTRICAL CONTACT FREE MICROPHONE ATTACHMENT FOR A FLIP-TYPE RADIO PHONE



(57) Abstract

An electrical contact free microphone attachment for a flip-type radio phone which has a flip (201), a microphone (211) mounted in said flip, a main set, an audio circuit installed in the main set, and a connecting device (202) for connecting the flip with the main set. The invention comprises a transformer having a primary coil (212), a secondary coil (214) and a core (213). The primary coil is arranged in the flip to connect with the microphone (211). The secondary coil is arranged in the main set to connect with the audio circuit. The core is fixedly arranged in an axial hole formed in the connecting device.