(12) **UK Patent Application** (19) **GB** (11) **2 389 720** (13) **A**

(43) Date of A Publication     17.12.2003

(21) Application No:          0226893.6

(22) Date of Filing:          18.11.2002

(30) Priority Data:
     (31) **0213374**     (32) **10.06.2002**     (33) **GB**

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(51) INT CL$^7$:
     **H01F 38/14 , H02J 7/02**

(52) UK CL (Edition V ):
     **H2H HAM HBCH**
     **H1T T1C T1F T12 T7A5 T7C5 T9**
     **U1S S2199 S2215**

(56) Documents Cited:
     **US 6008622 A**        **US 5959433 A**

(58) Field of Search:
     UK CL (Edition V ) **H1T, H2H**
     INT CL$^7$ **H01F, H02J**
     Other: **Online: WPI, PAJ, EPODOC**

(54)    Abstract Title: **Planar inductive battery charger**

(57)    A battery charger system having a charging module with a planar charging surface 2 for receiving an electronic device 3 to be charged. The module includes a primary charging circuit having the primary winding of a transformer (fig. 4c). The primary winding is substantially parallel to the planar charging surface 2. The primary winding has electromagnetic shielding 5,6 on the side of the winding opposite the planar charging surface 2. The electronic device 3 includes a secondary winding.
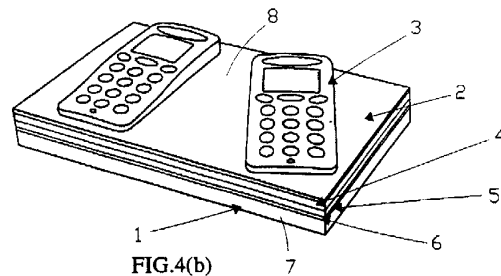
FIG.4(b)

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At least one drawing originally filed was informal and the print reproduced here is taken from a later filed formal copy.
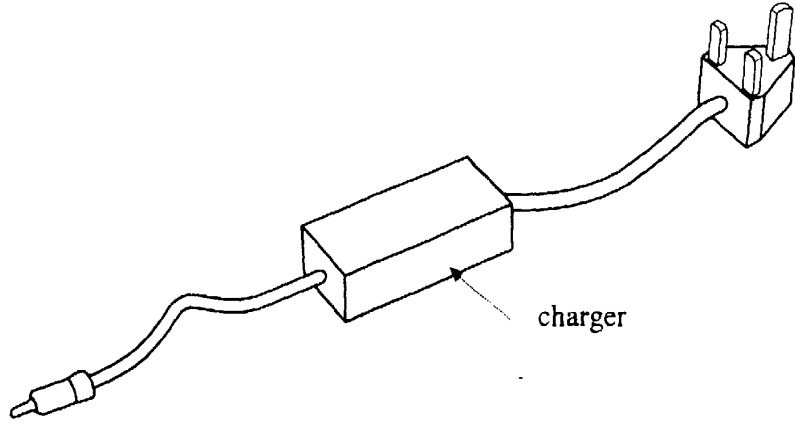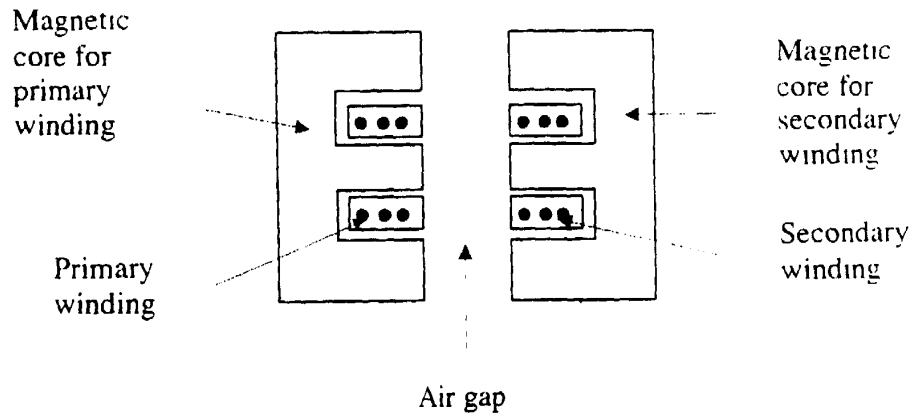
FIG.1 (PRIOR ART)



FIG.2 (PRIOR ART)

- Copper Sheet
- Ferrite Plate
- Thermally Conductive Insulating Layer
- Polyurethane-coated Insulated Copper Wires
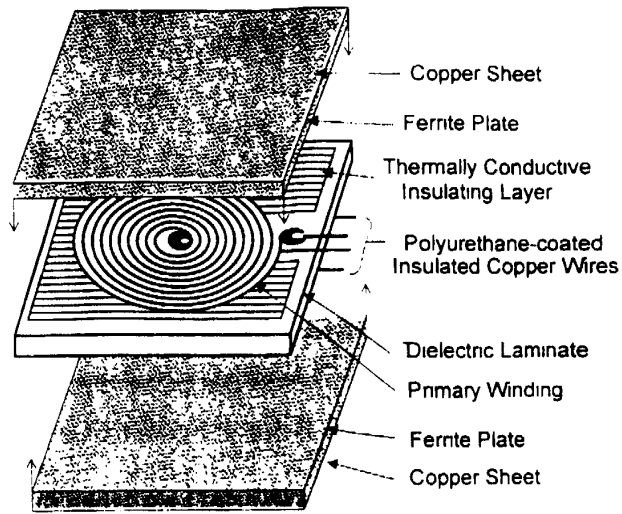- Dielectric Laminate
- Primary Winding
- Ferrite Plate
- Copper Sheet

FIG.3 (PRIOR ART)
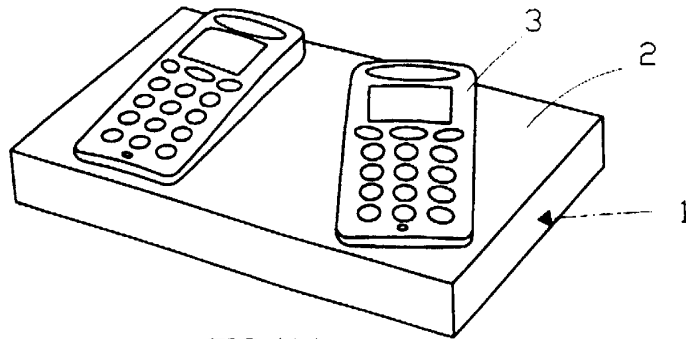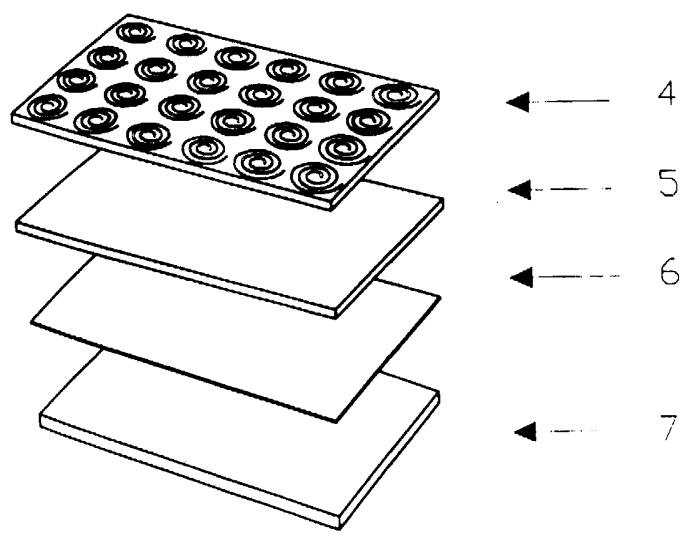


FIG.4(a)



FIG.4(b)

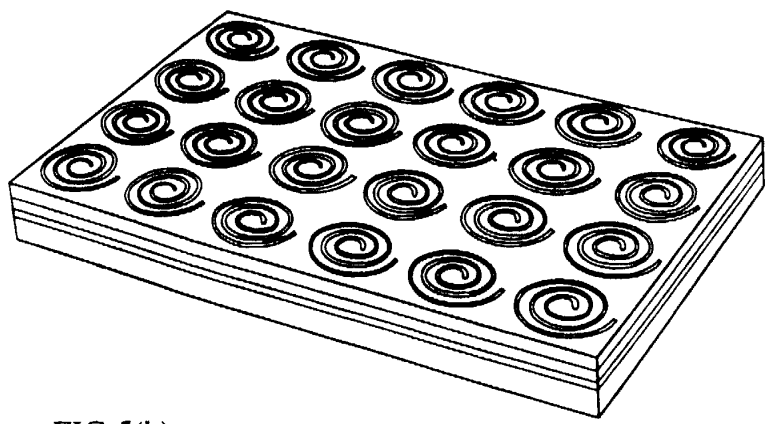FIG.4(c)



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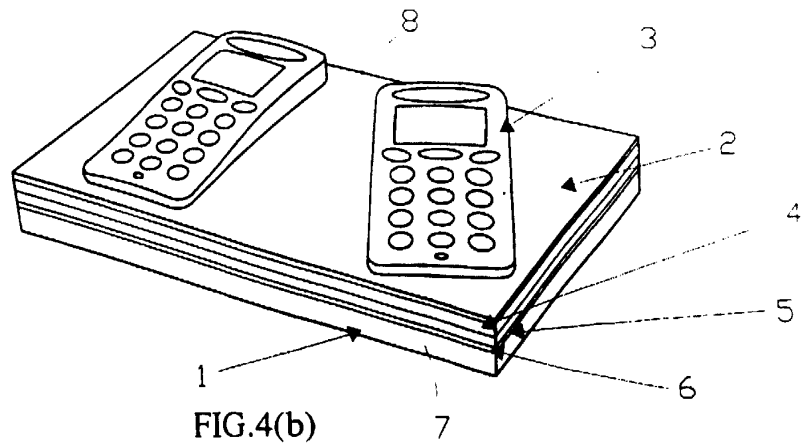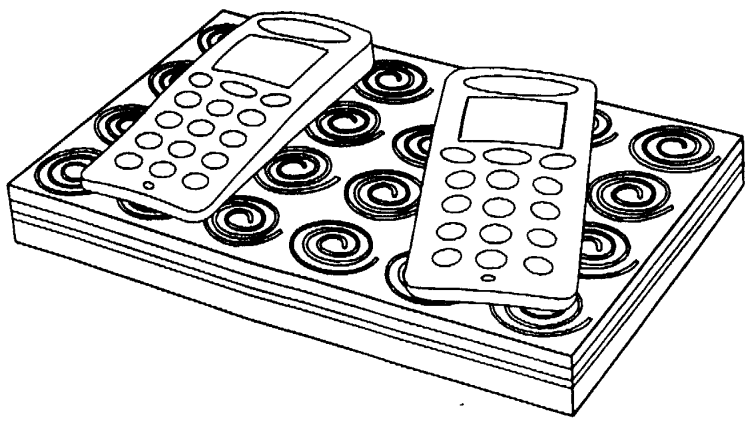
FIG.5(a)



FIG.5(b)

FIG.6(a)



FIG.6(b)

# DOCKET ALARM
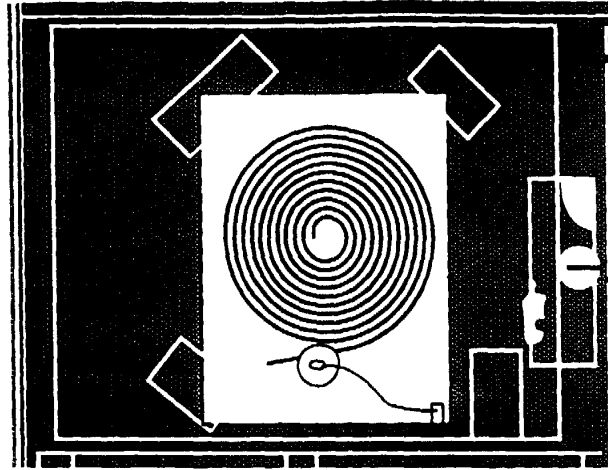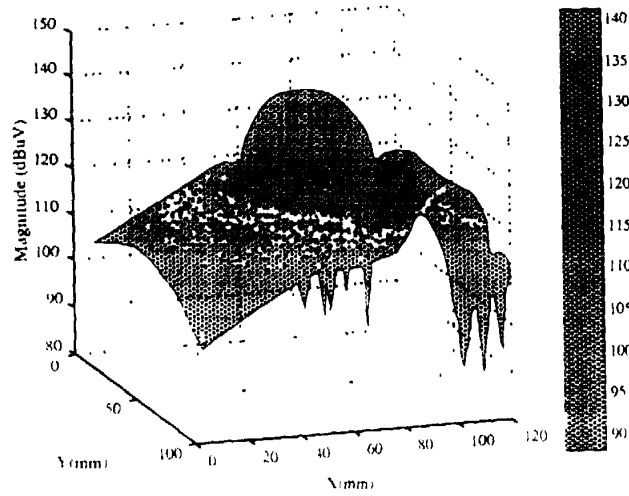
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