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Yamazaki et al.

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(54) **PAPER MONEY, COIN, VALUABLE INSTRUMENT, CERTIFICATES, TAG, LABEL, CARD, PACKING CONTAINERS, DOCUMENTS, RESPECTIVELY INSTALLED WITH INTEGRATED CIRCUIT**

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(75) Inventors: **Shunpei Yamazaki**, Setagaya (JP);
Yasuyuki Arai, Atsugi (JP); **Yohei Kanno**, Atsugi (JP)

(73) Assignee: **Semiconductor Energy Laboratory Co., Ltd.**, Atsugi-shi, Kanagawa-ken (JP)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **13/164,797**

(22) Filed: **Jun. 21, 2011**

(65) **Prior Publication Data**

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Related U.S. Application Data

(62) Division of application No. 11/017,791, filed on Dec. 22, 2004, now Pat. No. 7,975,926.

(30) **Foreign Application Priority Data**

Dec. 26, 2003 (JP) 2003-433448

(51) **Int. Cl.**
G06K 19/00 (2006.01)

(52) **U.S. Cl.** **235/492**

(58) **Field of Classification Search** 235/492,
235/375, 379, 435, 439, 487

See application file for complete search history.

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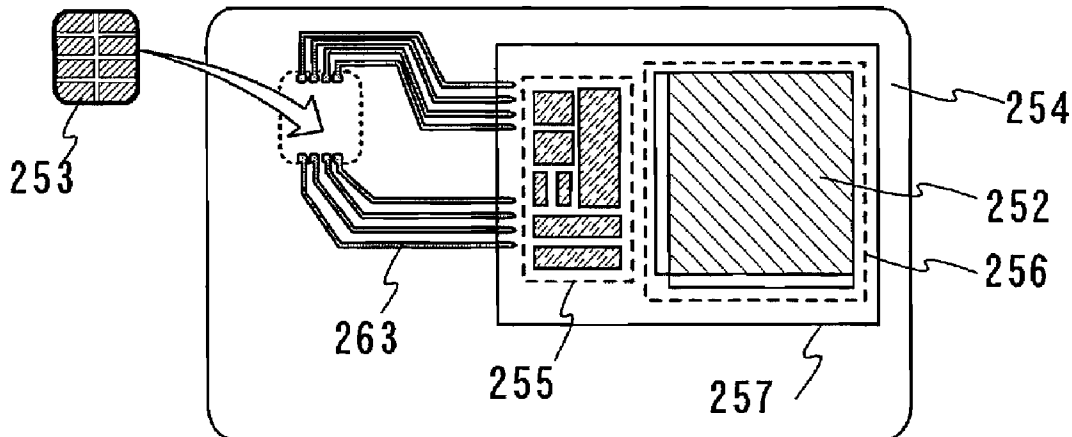
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(57) **ABSTRACT**

Although a product having such the IC chip has been diffused, information on the product may be capable of being perceived, abstracted, falsified, or the like by a third person with his external device during distribution of the product or after purchase of the product. Further, privacy may be seriously infringed. Paper money, various products, and the like are disclosed according to the present invention with an integrated circuit device having a switching memory for controlling reading and writing of information (lock/unlock of information) in order to protect the information recorded and stored in the integrated circuit such as an IC chip installed to the product or the like.

15 Claims, 24 Drawing Sheets



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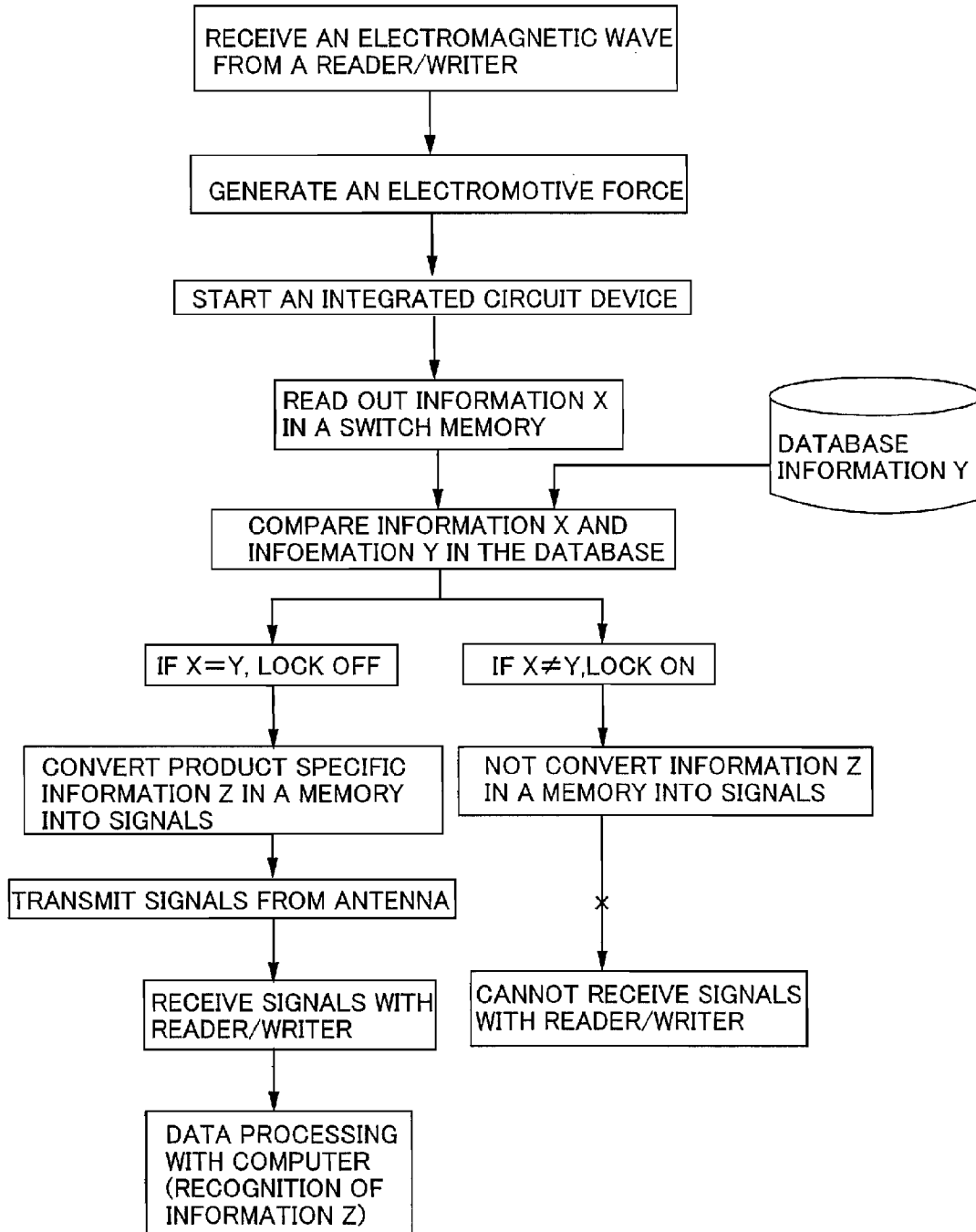


FIG. 1

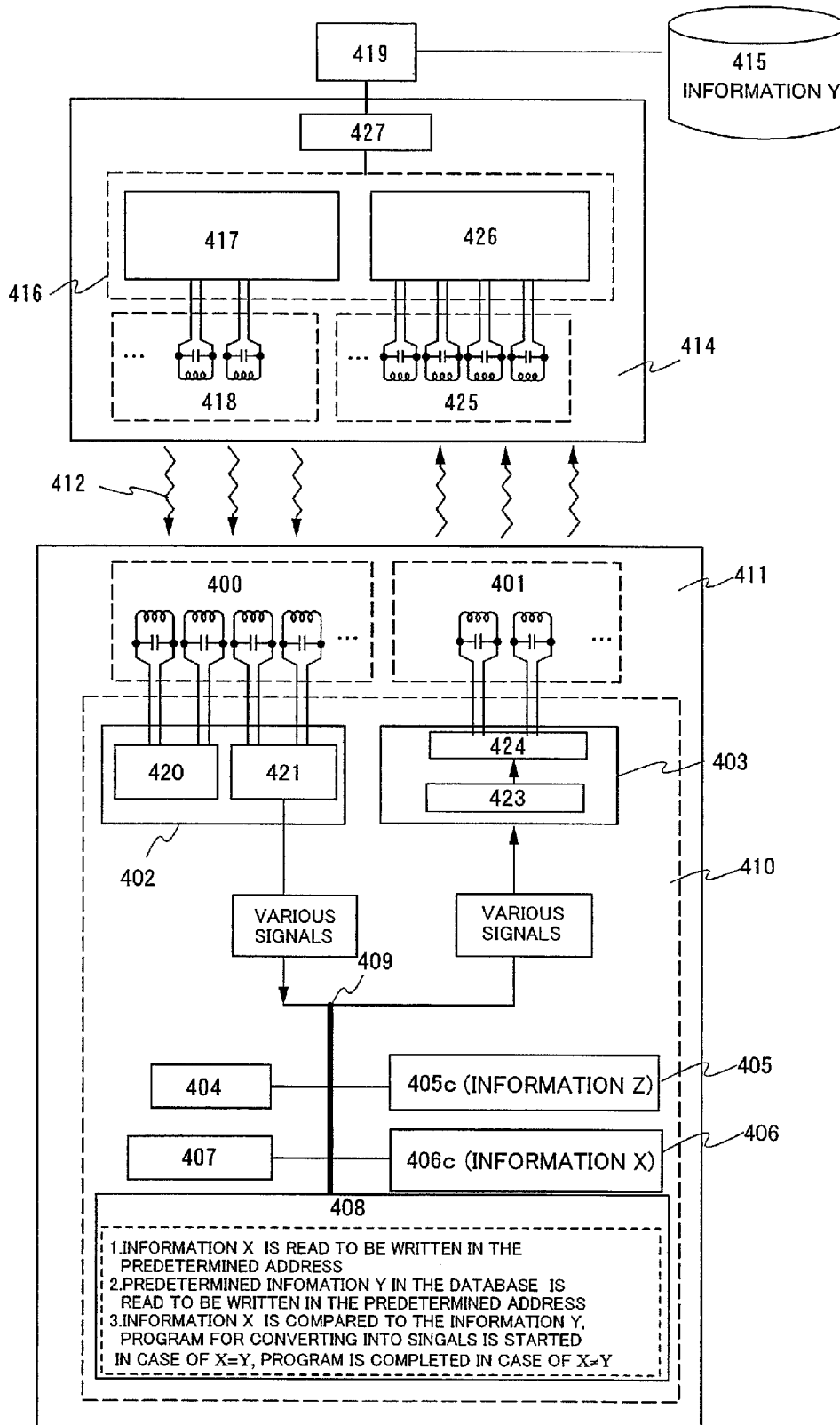


FIG. 2

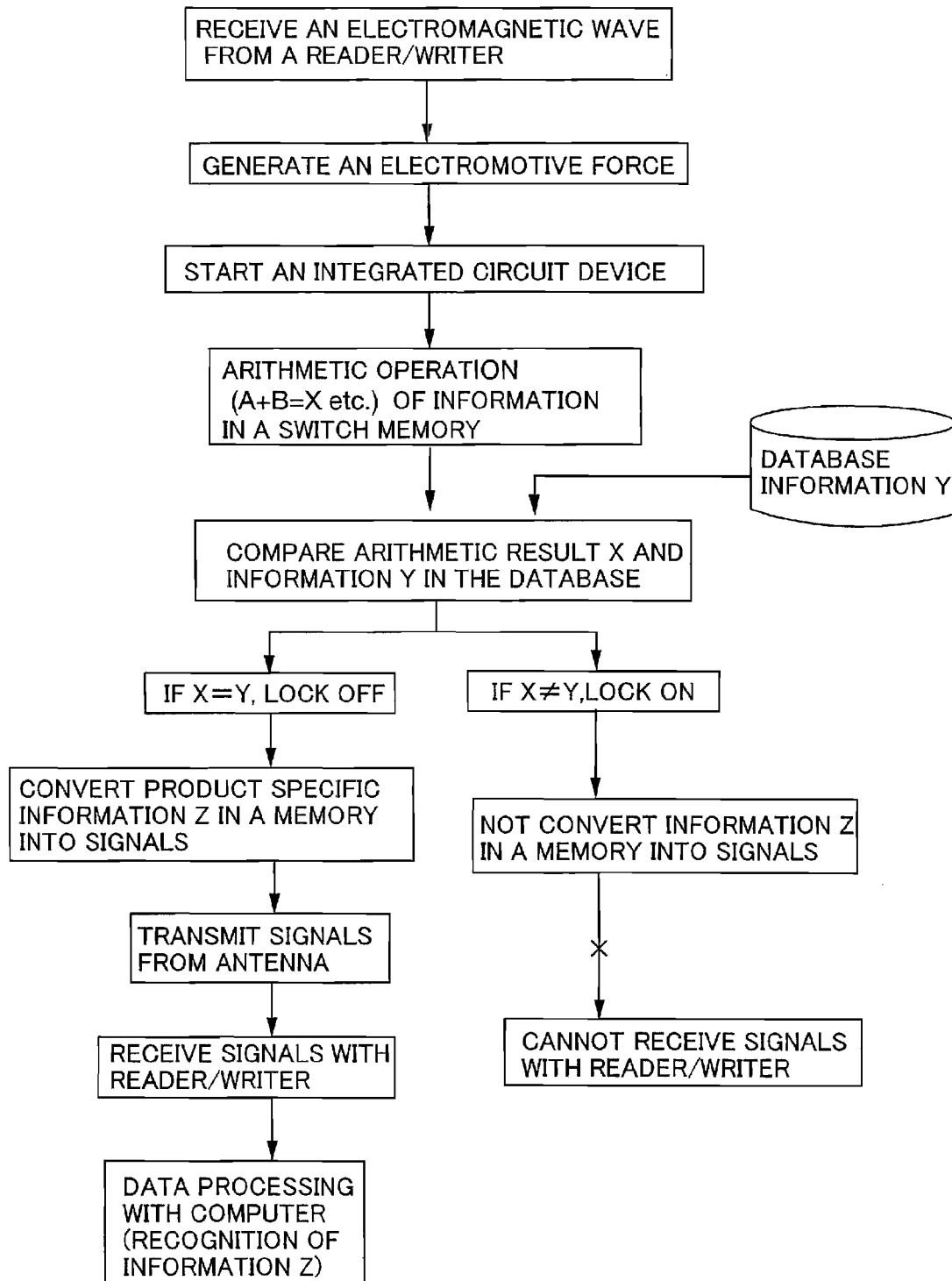


FIG. 3

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