### United States Patent [19]

### Davis

#### [54] METHOD FOR PROVIDING A ROVING SOFTWARE LICENSE FROM ONE NODE TO ANOTHER NODE

- [75] Inventor: Derek L. Davis, Phoenix, Ariz.
- [73] Assignee: Intel Corporation, Santa Clara, Calif.
- [21] Appl. No.: **472,951**
- [22] Filed: Jun. 7, 1995

#### **Related U.S. Application Data**

- [62] Division of Ser. No. 303,084, Sep. 7, 1994.
- [51] Int. Cl.<sup>6</sup> ...... H04K 1/00

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### [45] Date of Patent: Oct. 22, 1996

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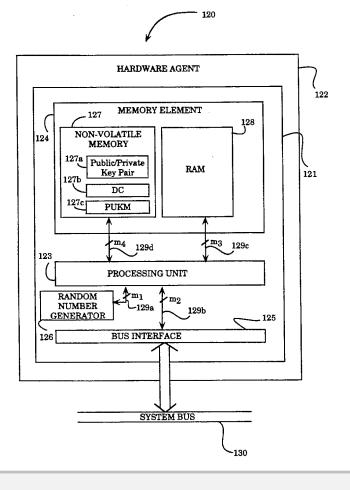
Primary Examiner-David C. Cain

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#### [57] ABSTRACT

An integrated circuit component for enforcing licensing restrictions. Such enforcement is performed through remote transmission of access privileges for executing a licensed program from the integrated circuit component to another similar component. The integrated circuit component comprising a non-volatile memory for storing a uniquely designated key pair, an authentication device certificate and a manufacturer public key along with cryptographic algorithms, a processor for executing the cryptographic algorithms in order to process information inputted into the integrated circuit component and for transmitting the processed information into volatile memory and a random number generator for generating the uniquely designated key pair internally within the integrated circuit component.

#### 16 Claims, 9 Drawing Sheets



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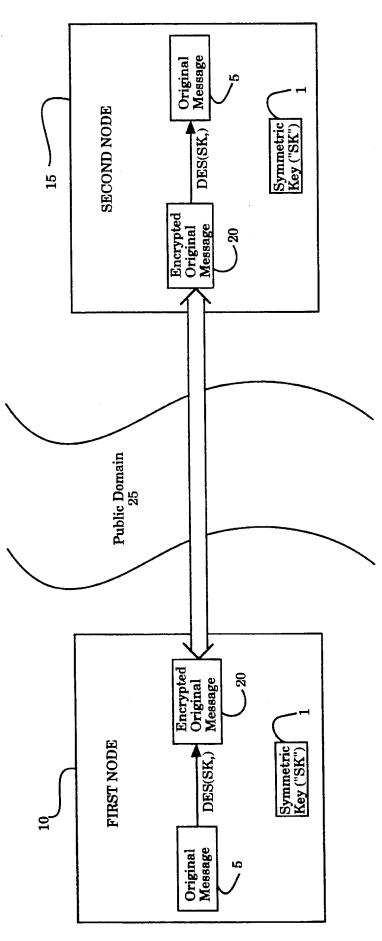


Figure 1

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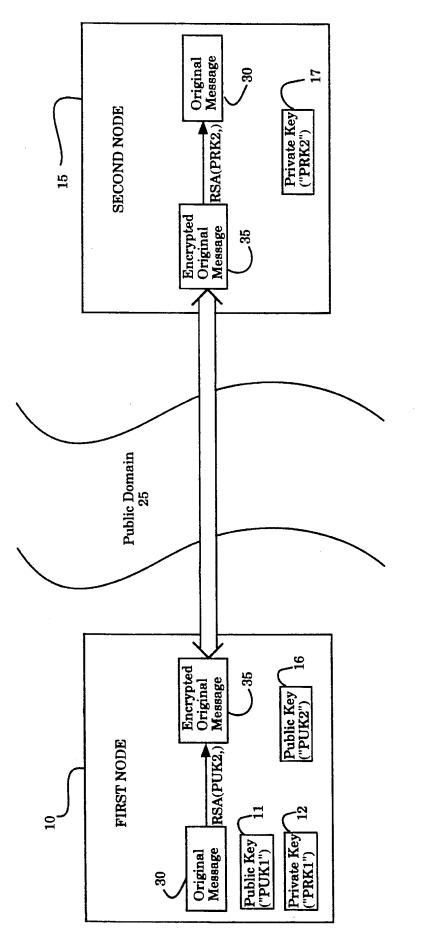
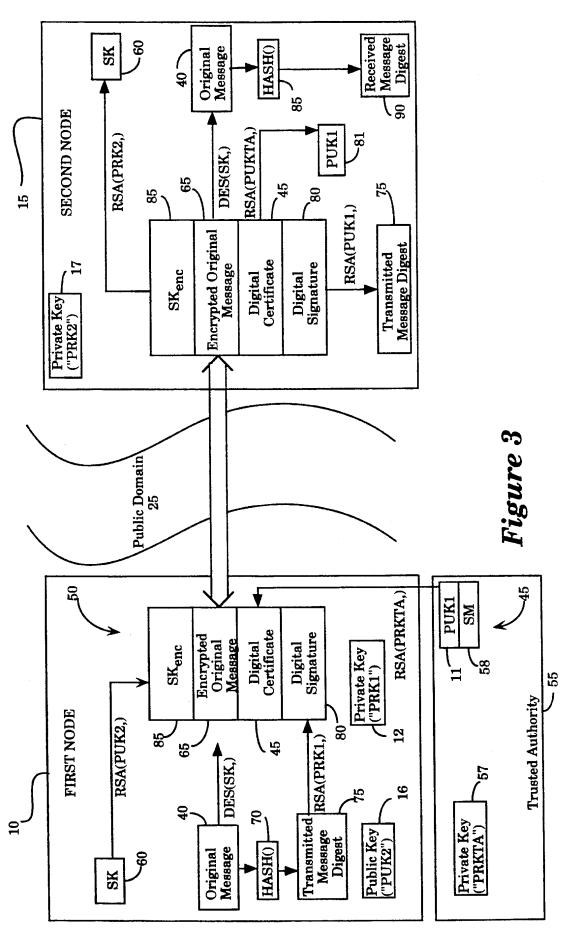


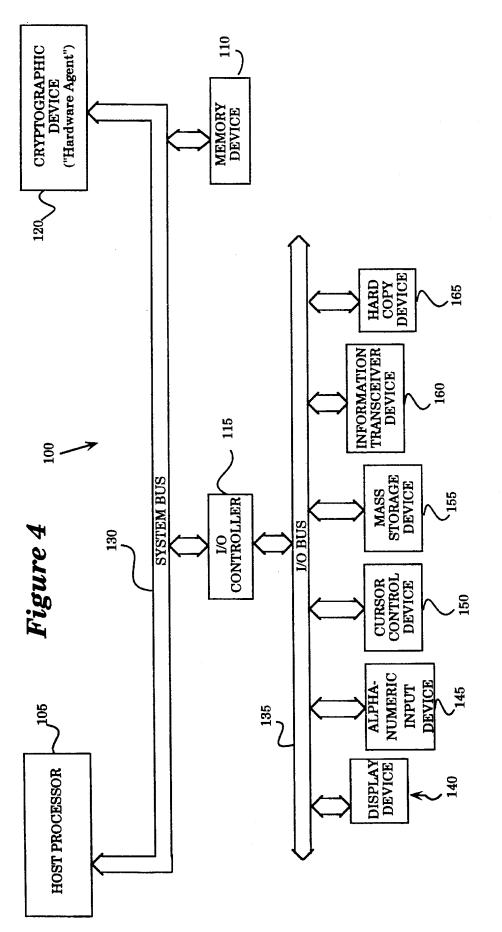
Figure 2

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