The reader should compare Figure 6.23 with Figure 5.12. The Access Relationship Builder does not support the concepts of independent and dependent entities or identifying and nonidentifying relationships. Rather, it is a basic tool for establishing the relationships between tables based on key attributes. However, it is all that is required by Access in order to create forms and reports having referential integrity. Enforcing referential integrity requires that every instance of the foreign key on the M side of the relationship has a corresponding instance of the primary key on the 1 side of the relationship. For example, if a particular vendor is discontinued and you try to delete that vendor from the VENDOR table, it will not be allowed if an instance of that VENDOR_ID is in the VENDOR_MATL_XREF table. To delete the record in the VENDOR table (1 side), it is first necessary to delete all instances of the vendor in the VENDOR_MATL_XREF table (M side).

**6.5.3 Designing a Form Based on Its Purpose**

The design of a form should reflect the purpose for which the form is to be used. In the case of the purchase order form, one can imagine at least two purposes. The first purpose would be to enter new purchase orders into the database. Another purpose would be to present the purchase order in a format that can be printed and sent to a vendor. These two purposes are different and may require different forms. In this section, we are going to design a form that is suitable for entering new purchase orders into the database and maintaining existing orders. In a later section, we will design a form based on the requirements for ordering materials from a vendor.