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**Suzuki et al.**

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(54) **FRAME FOR IMAGE FORMING APPARATUS AND MANUFACTURING METHOD THEREOF**

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(57) **ABSTRACT**

(51) **Int. Cl.**  
**G03G 21/16** (2006.01)

A frame for an image forming apparatus, includes: first and second plate members; a bent portion provided as a part of the first plate member and bent along the second plate member; a portion-to-be-fixed provided as a part of the bent portion; a positioning portion, provided on the first plate member, for positioning the second plate member relative to the first plate member by being abutted vertically against the second plate member, wherein a free end projects toward the second plate member more than the portion-to-be-fixed; and a fixing portion, provided as a part of the second plate member, to which the portion-to-be-fixed is fixed. The second plate member is deformed to contact and deform the fixing portion to the portion-to-be-fixed while the second plate member is in contact with the positioning portion, so that the first plate member and the second member are fixed to each other.

(52) **U.S. Cl.**  
CPC .... **G03G 21/1619** (2013.01); **G03G 2215/0132** (2013.01); **Y10T 29/49908** (2015.01)

(58) **Field of Classification Search**  
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See application file for complete search history.

**16 Claims, 9 Drawing Sheets**

