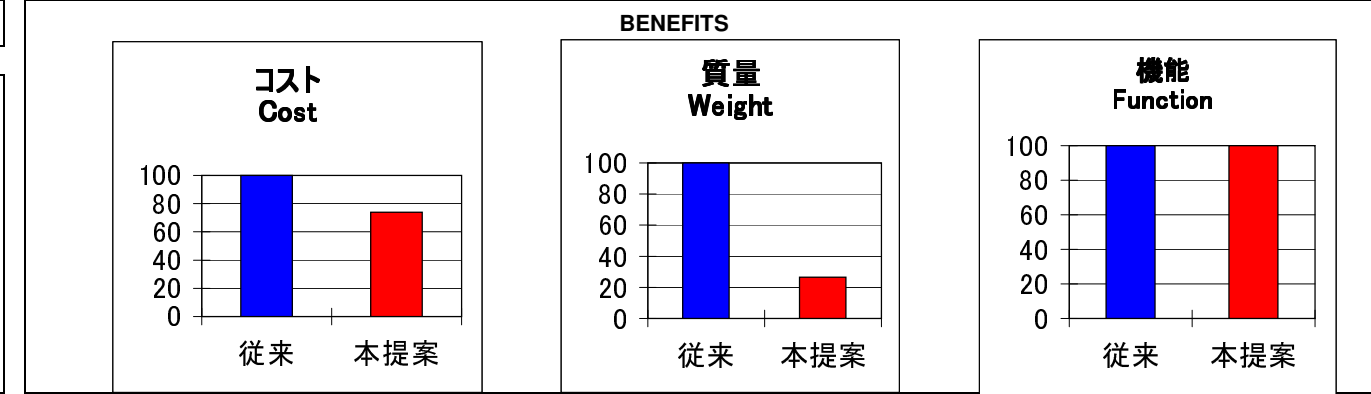


技術テーマ Technical Title **Conversion of File Compressor from Steel to Plastic**

技術のポイント Describe Technical Detail  
 The proposed change from the steel file compressor to plastic reduces the number of components, reduces the amount of parts that go through the paint line, reduces the weight of the file drawer, and reduces the cost of the assembly while maintaining all the functionality.



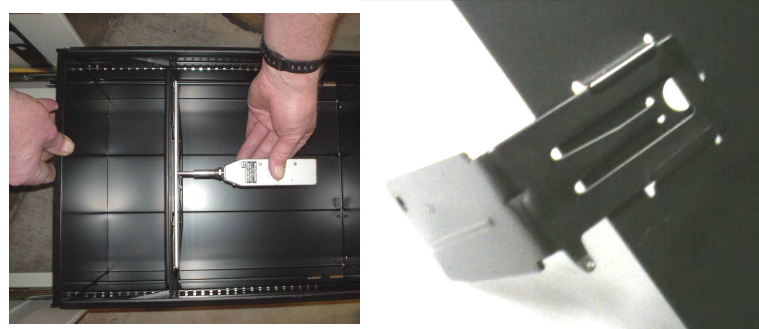
<従来構造/材料/工法等>  
 <Current Material / Method / Structure etc.>

- \* 3 Separate metal stampings
- \* Assembled by Secondary slide and snap fit.
- \* Powder Coated finish
- \* Weight= .660 Kg



FUNCTION

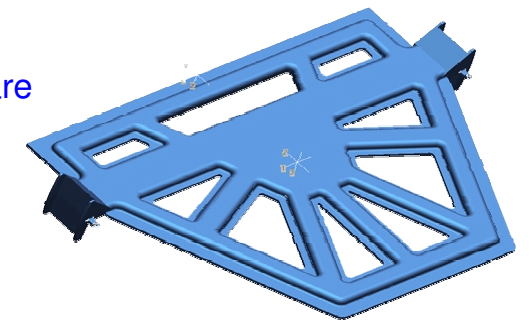
- 1) to provide a means of compressing files into a smaller space in the file drawer;
- 2) to allow the user to adjust the position of the file compressor incrementally along the length of the drawer;
- 3) to support one side of file folders that are hung lengthwise in the drawer (60 lb requirement).



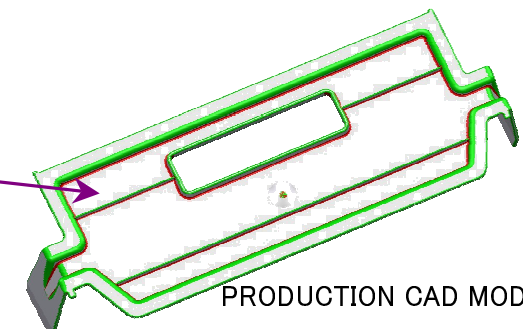
<新構造/材料/工法等>  
 <New Material / Method / Structure etc.>

- 1) one component,
- 2) Injection molded in ABS plastic.
- 3) No additional finishing or assembly operations are required,
- 4) Shipped to customer in finished state.
- 5) Weight = .175 Ka.

PROTOTYPE CAD MODEL



PROTOTYPE PART



PRODUCTION CAD MODEL