Tag Stamper
with XML Data Interface
11/8/17

The XML data file for the tag stamping application should contain the following information:

For each line of text to be stamped:

The text characters in the line

The (x,y) coordinate of the line of text

The coordinate could be specified, for example, as millimeters (0.01mm resolution) from a predefined reference point on the tag (e.g., lower-left corner) to a predefined reference point in the text (e.g., lower-left corner of first character). The specific reference points don't matter, as long as they are agreed to and consistent.

The font used for the text

The foil color to be used for stamping

[As an alternative, the XML could contain the (x,y) coordinate for each individual character to be stamped. This reduces the likelihood of character spacing/kerning differences between data entry and stamping, but may be difficult to generate from Corel.]

```
<stamp_data>
     <lines>
          <line x='12.70' y='20.00' font='18pt Helvetica'
foil='gold'>CALIFORNIA HWY PATROL</line>
          <line x='18.50' y='12.00' font='18pt Helvetica'
foil='gold'>FLIGHT OFFICER</line>
     </lines>
</stamp_data>
```
Sample XML

In addition, any control information that would be helpful to the operator (account number, order number, number of tags, due date, tag type code, etc.) could be included and displayed to the operator.

If the order entry process can create an image of the tag, with lettering, in an easily-processed graphic format (e.g., JPG, PNG, BMP), then the stamping software could display the finished tag to the operator, as a confirmation that the correct product is being produced. In that case, the file could either be named the same as the XML file (but with an appropriate extension), or the path to the file could be included in an XML data element within the <stamp_data> element.