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NOVEL METHOD OF PRINT CONTROL ON DIGITAL PRINT PRESS BY USAGE OF GESTURES ON THE PRESS USER INTERFACE TOUCH-SCREEN

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Novel method of print control on digital print press by usage of gestures on the press User Interface Touch-screen

Abstract

Smart Print Button will allow the user to perform multiple print control actions (e.g. print start/stop, proof, pause) by performing the corresponding gestures with his fingers on the press Use Interface touch-screen at the print button area. The print button will be larger enough in order to provide the required area for easy gestures and will replace the current print control buttons. The gestures will be relatively intuitive and may also be learnt from "Gesture index" button on the UI (possibly with option to remove from UI once they are learnt).

3.2.5 In the description, consider the following questions:

a. How was this problem addressed before you developed your idea?

Press operation as for today requires many clicks on many buttons, which makes those very frequent actions cumbersome.

b. How did you solve the problem?

Using Simple user interface touch-screen gestures will allow very intuitive print control actions on a single button.

c. How would someone use your idea?

The solution is based on 2 assumptions:

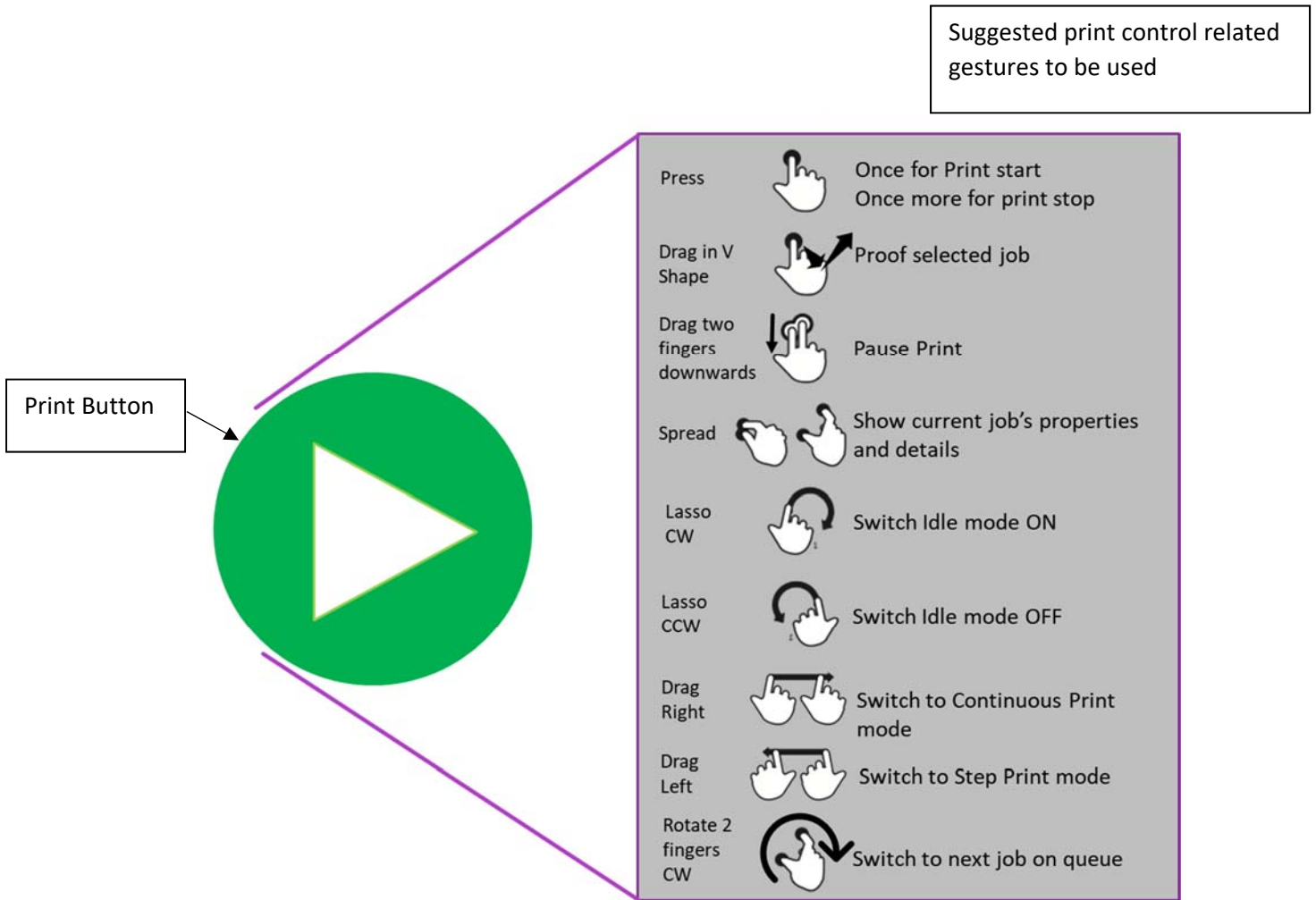
- 1. Most of the users are using some smart device (e.g. smart phone, tablet) daily and therefore will find UI gestures very intuitive also in print control context.**
- 2. Most digital presses use a multi-touch screen as their operation station.**

The solution will be comprised of the following:

- 1. Enlarging the Print button to comfortable size for gestures**
- 2. Recognize multi-touch points and patterns by press SW**
- 3. Allocate the relevant print control action per performed gesture in press SW**

3.3 Drawing

In Drawing 1 below there are examples of print control actions with their corresponding gestures.



Drawing 1

Disclosed by Nati Sinuany, HP Inc