

# The Contour printer is the first desktop phone-skin printer

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**Abstract**— *The latest in desktop printing 3M vinyl materials securely applied directly to the superficial of small to standard devices. All in just a matter of minutes. Through the meticulous tracking and re-use of current technologies, we have worked to create an artifact which can bunch a durable, yet safely removable skin, made from 3M materials.*

*Proudly, we are able to recreate our whole set of textures and presences such as timber, light, carbon fiber, and more. We have perfected what we saw as the task. That being, getting the print head to apply an even coat of specially treated 3M material in a reasonable amount of time across uneven surfaces. Hence was born; Contour*

**Keywords**— *3D printing, Additive manufacturing, Innovation, Surgery, Review, Patient specific Customized, Anatomic model.*

## I. INTRODUCTION

There are many reasons why you might want to protect your smartphone from physical damage. For starters, these things are *expensive*: even though relatively basic mobile phones cost hundreds of dollars a decade ago, these newer, fancier models are almost like computers—and their price tag reflects that.

Moreover, smartphones these days are all about their giant screens. This is great for watching Snapchat videos on the go, but for durability? One little accident and your phone (and dreams) could be shattered.

The increasing fragility of luxurious smartphones therefore remains a constant worry for the consumer, but it has at least ensured that smartphone cases and skins continue to be a popular product. Cases are, after all, a lot cheaper than insurance.

But more importantly, having a protective case on your smartphone is no longer the nerdy taboo it once was. With so much at stake when you carry an iPhone around in your pocket, it's simply common sense to have the thing wrapped up in cotton wool—or silicone, I suppose. Kansas Company Slickwraps has been capitalizing on the interest in protective consumer electronics cases for several years, producing a multitude of designs to suit individual products as well as individual tastes.

Its latest product, however, takes customization to a whole new level...or at least it would, if it were real. The company recently unveiled Contour, a 3D printer whose sole purpose is to 3D print customized, durable vinyl skins directly onto "iPhones, Androids and other mobile electronic devices."

It sounds casual, but there's a pretty big caveat here: the product was "launched" on March 31, right on the brink of... yep.

Here's the thing: for an April fool's joke, it hasn't exactly panned out in the usual way. For single, Slickwraps is yet to personal up that the 3D printer is truly fake—they even created a whole website and marketing campaign for it, which hasn't been taken down or modified at all in the weeks since April 1. It's also not the most outrageous idea for a product, either: sure, calibrating a printer to hit the exact edge of a smartphone would be difficult, but surely someone could do it...

"Through the meticulous sourcing and re-use of existing technologies, we have worked with Mongolian engineer Edward Nara to create a product which can spray a durable yet safely removable skin made from 3M materials," Slickwraps says. "Proudly, we are able to recreate our entire catalog of textures and appearances such as wood, glow, carbon fiber, and more."

## II. SMARTPHONES - DAYS - SCREENS - SNAPCHAT – VIDEOS

Moreover, smartphones these days are all about their giant screens. This is great for watching Snapchat videos on the go, but for durability? The increasing instability of luxurious smartphones therefore remains a constant fear for the consumer, but it has at least ensured that smartphone cases and skins continue to be a popular product. Cases are, after all, a lot cheaper than insurance.

## III. CASE - SMARTPHONE - TABOO - STAKE - IPHONE

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## IV. PRODUCT - CUSTOMIZATION - LEVEL...OR - COMPANY – CONTOUR

Its latest product, however, takes customization to a whole new level...or at least it might, if it's real. The company recently unveiled Contour, a 3D printer whose sole purpose is to 3D print customized, durable vinyl skins directly onto “iPhones, Androids and other mobile electronic devices “. It sounds cool, but there's a pretty big...



Fig.01 –The Contour Printer

Slickwraps a smartphone case company based in Andover Kansas claims to have established a invention called “ContourFor those who just want a cool smartphone skin without any clowning, have a look at Slickwraps' online skin customizer instead.



Fig.02 - The Contour Printer

Unfortunately, there are a couple of good reasons to think that the actually very useful-sounding Contour 3D printer is in fact a hoax. Initially, Slickwraps has previous: last year, the company demanded it was branching out into customized condoms, apparently fooling many customers. And second, the \$299.99 "product" on the company web store has been "out of stock" since its launch—this despite no customers claiming to have bought the thing. Thirdly, as has been kindly pointed out by reader Overall, we're a little disappointed that the Slickwraps Contour won't be printing vinyl skins onto our smartphones anytime soon. But hey, it's a pretty cool idea.

## V. CONCLUSION

The contour printing is well integrated in surgical practice and research. Applications vary from anatomical models mainly intended for surgical planning to surgical guides and implants. Our research suggests that there are several advantages to 3D-printed applications, but that further research is needed to determine whether the increased intervention costs can be balanced with the observable advantages of this new technology. There is a need for a formal cost-effectiveness analysis

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