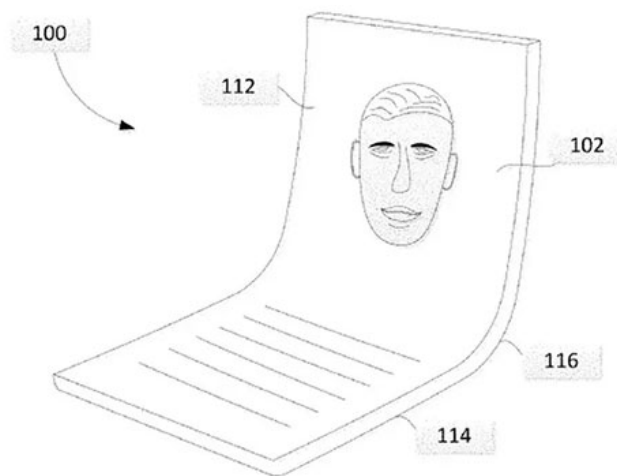


Leaking images of new patents by Google: Challenges of the folding screen market in the future?

A recent patent application submitted by Google shows that the search giant seems to be testing folding screen technology.

A recent patent application submitted by Google shows that the search giant seems to be testing folding screen technology, similar to the panels used on newly released cult devices. at CES 2019 like Huawei Mate X and Samsung Galaxy Fold. More specifically, according to technology website Patently Mobile, this patent basically refers to the method of designing and manufacturing an OLED sheet that can be bent many times and most likely to be used in 'Modern computer equipment'.



1. Google now allows G Suite administrators to disable unsafe 2FA authentication

The interesting thing is that Google is not well known as a hardware manufacturer, they never even owned screen panels for themselves to research and produce, though eyes pretty much smartphone under the Google Nexus brand and now Google Pixel. Like Apple with the popular iPhone product line, Google often 'outshines' the production of hardware devices in general and their smartphones in particular for another manufacturer, including Motorola and LG (Nexus), HTC (Pixel 2) and Foxconn (Pixel 3), and I'm only responsible for design, software, and quality monitoring. Of course that does not mean that Google is not capable of producing hardware. Perhaps they realized that signing a processing contract with a third party would bring more economic benefits than investing in building a production line system, and more likely a new folding screen model. This will not be beyond that business philosophy.



1. Google has removed 2.3 billion 'inappropriate ads' in 2018, down 28% from 2017

Going back to Google's new patent, looking at the drawings in the design can imagine that this is a background that can be bent at two different points (Z-fold display) without cracked, it seems that thanks to thin layers covered on the surface during production. Of course this is just a prediction based on feelings, we will need to have a screen expert to understand this design.

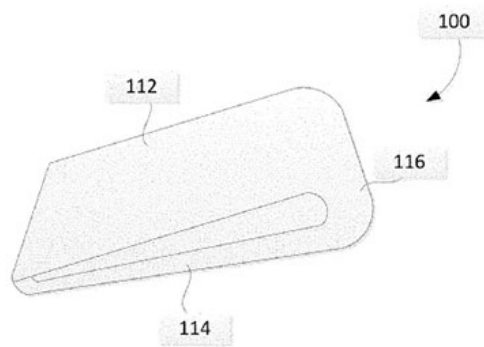


FIG.2

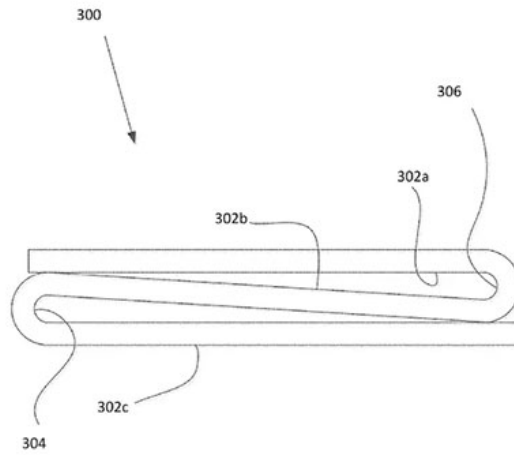


FIG. 3

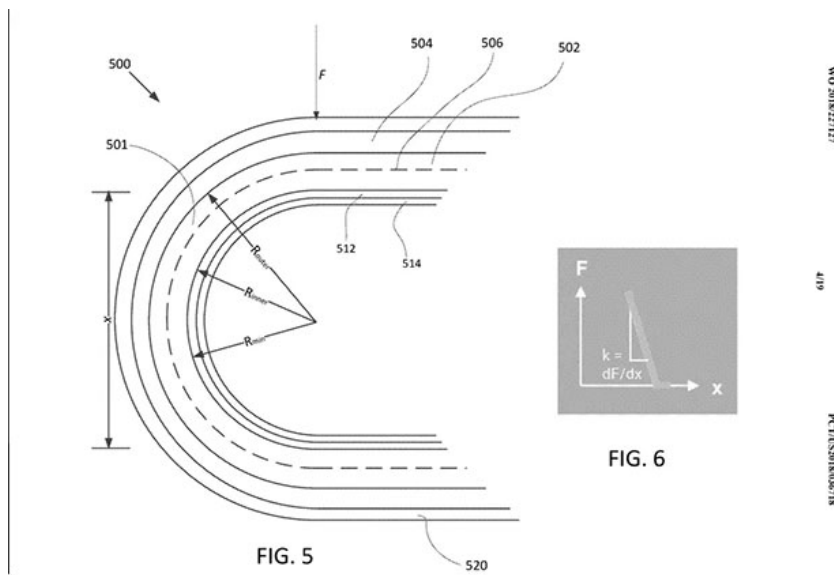


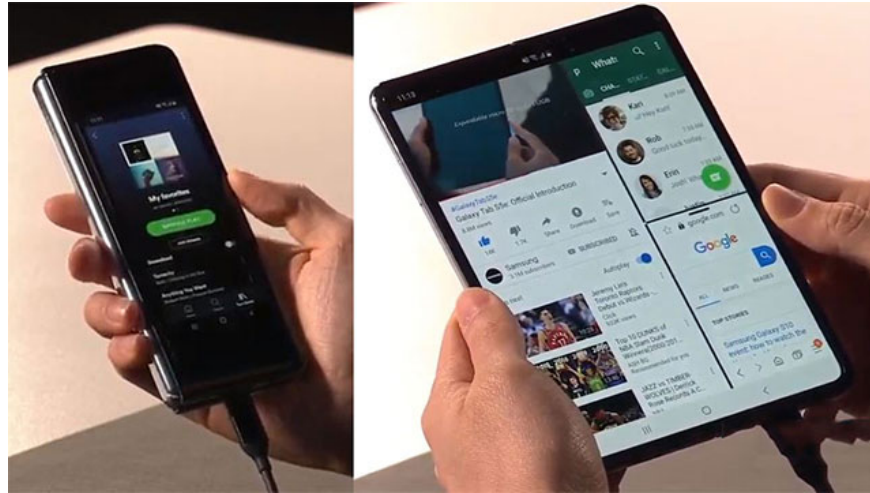
FIG. 5

FIG. 6

1. Google is preparing to launch a game console, ready to "battle" the game hardware market

Not sure if Google has ever developed such a thing before or not, or why they chose to design a ziz zac (Z-Fold) folding screen like that, but as of now, The durability of folding screen phones is definitely still an open question, no answer. Samsung Galaxy Fold is able to withstand hundreds of thousands of folds, while Gorilla Glass Corning is also developing a foldable glass screen to protect folding screen devices in the hope it Will be more durable than existing plastic solutions.

Besides, there is also an important thing to mention here is that Google's new patent does not even mention two "phone" words, but instead, they focus on how to how the screen can be used on modern computer devices. From this detail we can 'boldly' predict that Google will definitely participate in the folding screen device market, but most likely on laptop products or even tablets , not smart phones which are very exciting.



1. New patent shows that Apple is ready for a foldable iPhone, sparking a new 'arms race'?

Until now, the only concern of Google for folding screen smartphones has been to focus on developing applications, software, and especially its Android operating system platform. so that it is best compatible with these devices. In fact, Google has developed a lot of support features for folding screens on Android. In November last year, the company also worked with Samsung to ensure that Android will run smoothly on the Galaxy Fold. Obviously, folding screens have a huge impact on the future of the mobile device world, and Google seems to be interested in both hardware and software that supports this technology.

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