The Problem:
There is a need for a 3D printed protective face shield for doctors, nurses, and healthcare professionals in the front lines. Currently, this is urgently needed for those responding to the COVID-19 pandemic.

The Solution:
The U-Shield design features an ergonomic, comfortable head temple that doesn’t require an elastic band, which decreases the chance of contamination while reducing pressure on the user’s head. The top visor is integrated and is not an add-on part. A clear visor in the standard US letter size can be fitted to attach with a 3-hole punch and only takes 5 seconds to assemble. The visor has a curved profile wrapping around the face for maximum protection.

U-Shield Design Patent Pending No. 29/733,737

Benefits:
• Headband is optimized for material usage weighing only 1 ounce significantly reducing printing time.
• Headrest follows forehead profile curvature for long comfortable periods of use.
• Visor spaced to provide maximum clearance for glasses or other wearable medical equipment.
• Ergonomic temple tips for comfortable sliding while preventing snatching on hair or loose objects.

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