

**UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF ILLINOIS**

VDPP LLC,

Plaintiff,

v.

JURY TRIAL DEMANDED

MICROSOFT CORPORATION,

Defendant.

COMPLAINT AND NOTICE OF ABSENCE OF PUBLICLY HELD AFFILIATES

VDPP LLC (hereinafter, “VDPP”) brings this patent-infringement action against Microsoft Corporation (“Microsoft”).

Parties

1. Plaintiff VDPP is a company organized under the laws of Oregon with a principal place of business located in Corvallis, Oregon. Pursuant to LR 3.2, VDPP states that it has no publicly held affiliates.

2. Defendant Microsoft is a corporation organized under the laws of Washington with a principal place of business in Redmond, Washington.

Jurisdiction and Venue

3. This action arises under the patent laws of the United States, 35 U.S.C. §§ 101 *et seq.*

4. This Court has subject matter jurisdiction over this action under 28 U.S.C. §§ 1331 and 1338(a).

5. This Court may exercise personal jurisdiction over Microsoft. Microsoft is a resident of Illinois and conducts continuous and systematic business in this District. Microsoft maintains corporate offices in this District. This patent-infringement case arises directly from Microsoft's continuous and systematic activity in this District. In short, this Court's exercise of jurisdiction over Microsoft would be consistent with traditional notions of fair play and substantial justice.

6. Venue is proper in this District pursuant to 28 U.S.C. § 1400(b).

Count 1: Infringement of U.S. Patent No. 9,699,444

7. VDPP is the exclusive owner of United States Patent No. 9,699,444 (the "'444 patent").

8. The '444 patent is valid and enforceable.

9. Microsoft infringes Claim 1 of the '444 patent by making, using, and selling the Surface.

10. Claim 1 provides as follows: "An apparatus comprising: a storage adapted to store one or more image frames; and a processor adapted to: obtain a first image frame from a first video stream; expand the first image frame to generate a modified image frame, wherein the modified image frame is different from the first image frame; generate a bridge frame, wherein the bridge frame is a non-solid color, wherein the bridge frame is different from the first image frame and different from the modified image frame; blend the modified image frame with the bridge frame to generate a blended modified image frame; and display the blended modified image frame." The Surface has storage and a processor, for example the ARM64 SOC, MS SQ1. This accesses any video file such as a YouTube video over the laptop's WiFi network. The

Surface expands the first image frame to generate a modified image frame. For instance, a YouTube video with resolution 640 x 480 pixels is displayed on the Surface (resolution 2736 x 1824 pixels) by: accessing the YouTube.com in a web browser window, (alternatively by starting WMP (Windows Media Player or another Media Player); selecting the video to be played, (alternatively typing in the Video URL in WMP) or other Media Player; and expanding each image frame of the video.

11. Alternatively, multi-tasking Operating Systems (an “OS”), such as Microsoft Windows 10, allow each window to be independently re-sized (modified by expanding (claim 1) or shrinking (claim 5)) and re-positioned.

12. The modified image frame is different from the first image frame. Since the first image frame and the modified image frame have different resolutions, they are different. The first image frame with a resolution of 640 x 480 is displayed on the Surface screen (resolution 2736 x 1824 pixels) by expanding the video to a modified image frame and displaying the modified image frame. The first image frame and modified image frame have different resolutions and so are different. The Surface generates a bridge frame and the bridge frame is a non-solid color. The Surface generates a transparent system menu. The transparent system menu is the bridge frame and it is turned on in the System Menu. The bridge frame is different from the first image frame and different from the modified image frame. The bridge frame (the Microsoft Windows 10 system menu) is different from the first image frame and different from the modified image frame. The Surface blends the modified image frame with the bridge frame to generate a blended modified image frame. The Surface has a Microsoft Windows Operating System. The laptop blends (transparently) the modified image frame with the bridge frame. The

Surface displays the blended modified image frame.

Prayer for Relief

WHEREFORE, VDPP prays for the following relief against Microsoft:

- (a) Judgment that Microsoft has directly infringed the '444 patent;
- (b) A fair and reasonable royalty;
- (c) Pre-judgment interest and post-judgment interest at the maximum rate allowed by law; and
- (d) Such other and further relief as the Court may deem just and proper.

Demand for Jury Trial

VDPP demands a trial by jury on all matters and issues so triable.

Date: December 23, 2020

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