

EXHIBIT A

Touchstream Technologies, Inc. Charter Communications, Inc., Comcast Cable Communication

Defendants' Technology Tutorial

The Asserted Patents

Case 2:23-cv-00059-JRG Document 34-1 Filed 04/04/24 Page 3 of 3

US008356251B1

'251

(12) **United States Patent**
Strober

(10) **Patent No.:** US 8,356,251
(45) **Date of Patent:** 10/15/2009

(54) **PLAY CONTROL OF CONTENT ON A DISPLAY DEVICE**

(75) **Inventor:** David Strober, Rye, NY (US)

(73) **Assignee:** Touchstream Technologies, Inc., Valhalla, NY (US)

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 4 days.

(21) **Appl. No.:** 13/245,001

(22) **Filed:** Sep. 26, 2011

(65) **Prior Publication Data**
US 2012/0272148 A1 Oct. 25, 2012

Related U.S. Application Data
Continuation of application No. 13/157,821, filed on Jan. 10, 2011.
Provisional application No. 61/477,998, filed on Apr. 21, 2011.

(51) **Int. Cl.** (2006.01)
G06F 3/00

(52) **U.S. Cl.** 715/740; 715/716; 715/734; 715/738; 715/751; 715/764; 715/835

(58) **Field of Classification Search** 715/716; 715/738; 734; 740; 751; 764; 835
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
7,658,356 B2 6/2006 Slotnick
7,330,875 B1* 2/2008 Parniani et al. 709/204
7,424,718 B2* 9/2008 Dutton 719/318
7,453,922 B2* 10/2008 Engstrom 709/205

FOREIGN PATENT DOCUMENTS
CN 10154449 9/2009 (Continued)

OTHER PUBLICATIONS
Ask Search Internet Search, session identifier random* (Continued)

Primary Examiner — Boris Pesin
Assistant Examiner — John Hoffington
(74) **Attorney, Agent, or Firm** — Fish & Richardson P.C.

ABSTRACT
(57) A system for processing and controlling content on a display device includes a network, a server system coupled to the network and comprising one or more servers, a display device coupled to the network and having a display, and a personal computing device operable to transmit a first message according to a specified format over the network to the server system. The server system stores an association between the personal computing device and the display device. The first message identifies user-selected content and a media player to play the content. The server system is operable, in response to receiving the first message from the personal computing device, to provide to the display device a second message identifying the user-selected content and the media player to play the content. In response to receiving the second message, the display device is operable to obtain a first media player needed to play the content, to load the media player and to present the content on the display.

26 Claims, 9 Drawing Sheets

8,356,251

US011048751B1

'751

(12) **United States Patent**
Strober

(10) **Patent No.:** US 11,048,751
(45) **Date of Patent:** 11/19/2019

(54) **PLAY CONTROL OF CONTENT ON A DISPLAY DEVICE**

(71) **Applicant:** Touchstream Technologies, Inc., Valhalla, NY (US)

(72) **Inventor:** David Strober, Rye, NY (US)

(73) **Assignee:** Touchstream Technologies, Inc., Valhalla, NY (US)

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) **Appl. No.:** 15/887,249

(22) **Filed:** Aug. 25, 2017

(65) **Prior Publication Data**
US 2017/0351757 A1 Dec. 7, 2017

Related U.S. Application Data
Continuation of application No. 13/532,546, filed on Jun. 25, 2012, now Pat. No. 9,767,195, which is a (Continued)

(51) **Int. Cl.** (2006.01)
G06F 1/30
G06F 9/42 (2018.01) (Continued)

(52) **U.S. Cl.** **G06F 16/74** (2019.01); **G06F 9/42** (2018.02); **G06F 16/951** (2019.01)

(58) **Field of Classification Search**
USPC 715/716
See application file for complete search history.

References Cited
U.S. PATENT DOCUMENTS
5,613,137 A 3/1997 Butman et al.
5,976,111 A 3/1999 Ichikawa (Continued)

FOREIGN PATENT DOCUMENTS
CN 10154419 A 9/2009
CN 10157605 A 11/2009 (Continued)

OTHER PUBLICATIONS
Ask Search Internet Search, session identifier random, pointed on Nov. 19, 2011. (Continued)

Primary Examiner — Indese Hail
Assistant Examiner — Daria Hope
(74) **Attorney, Agent, or Firm** — Shook, Hardy & Bacon LLP.

ABSTRACT
(57) A system for processing and controlling content on a display device includes a network, a server system coupled to the network and comprising one or more servers, a display device coupled to the network and having a display, and a personal computing device operable to transmit a first message according to a specified format over the network to the server system. The server system stores an association between the personal computing device and the display device. The first message identifies user-selected content and a media player to play the content. The server system is operable, in response to receiving the first message from the personal computing device, to provide to the display device a second message identifying the user-selected content and the media player to play the content. In response to receiving the second message, the display device is operable to obtain a first media player needed to play the content, to load the media player and to present the content on the display.

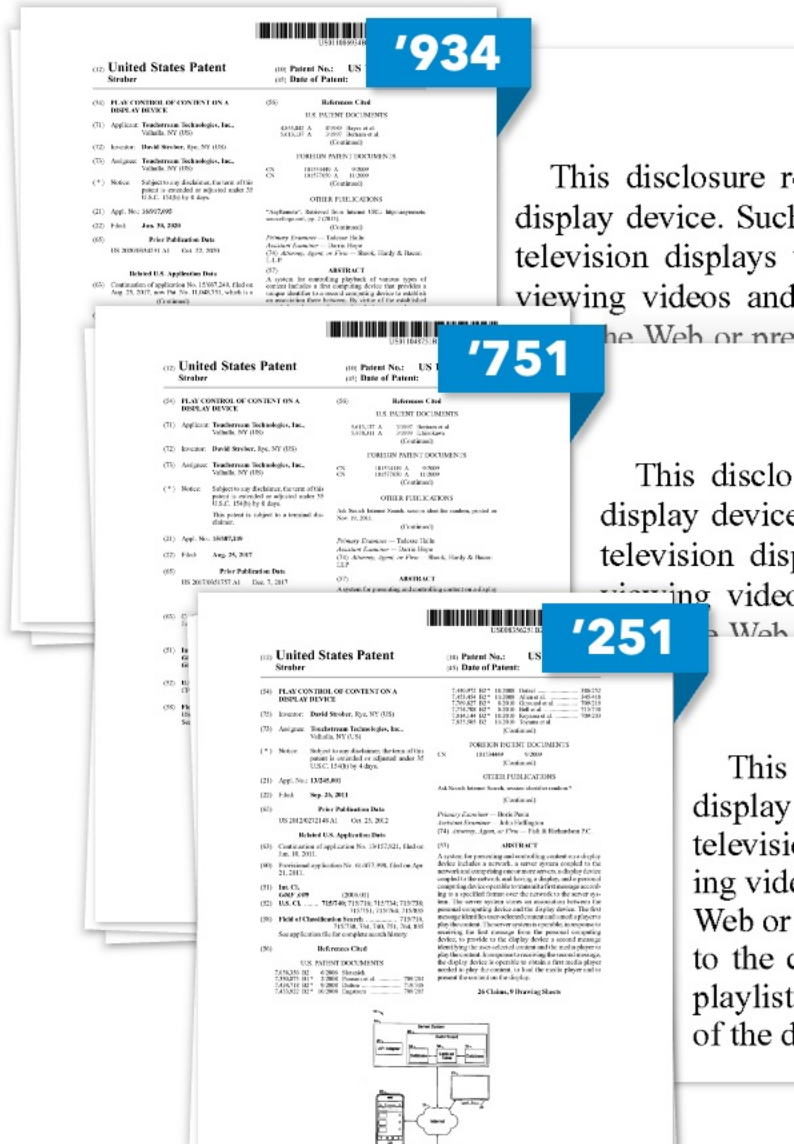
20 Claims, 9 Drawing Sheets

11,048,751

The Asserted Patents

Case 2:23-cv-00059-JRG Document 34-1 Filed 04/04/24 Page 4 of 4

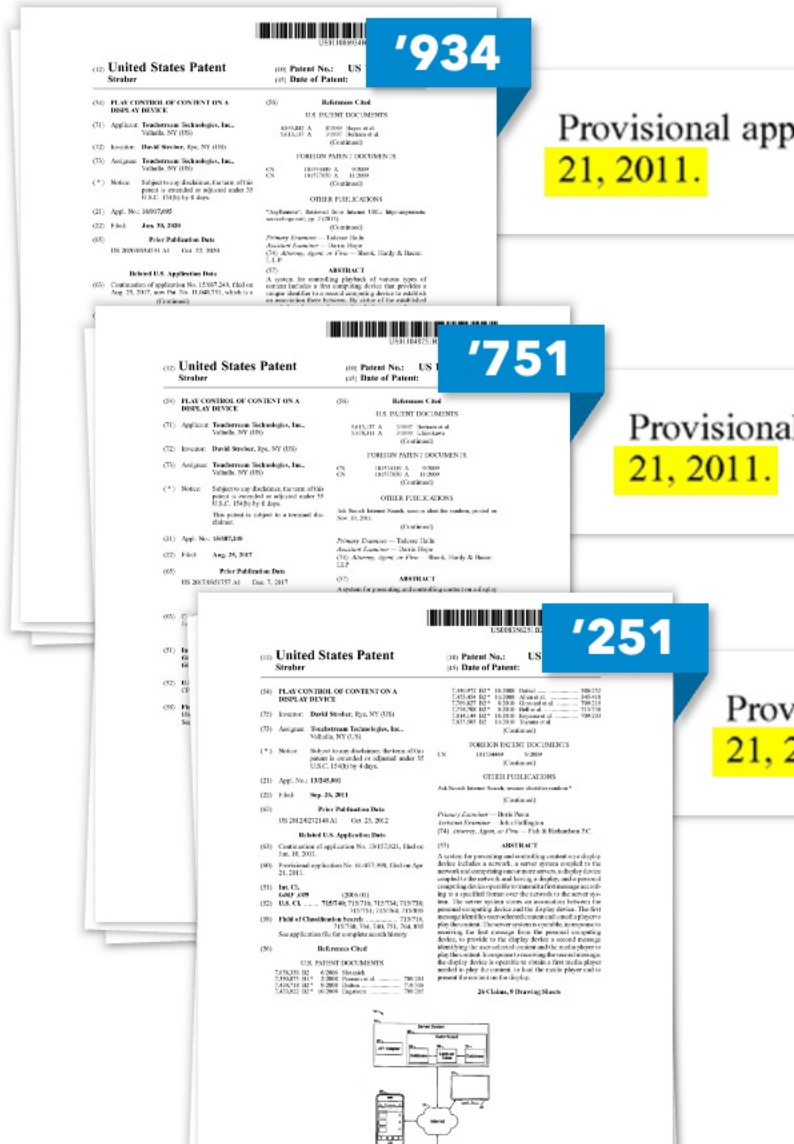
- Identical specifications



The Asserted Patents

Case 2:23-cv-00059-JRG Document 34-1 Filed 04/04/24 Page 5 of 5

- Identical specifications
- Each claims priority to April 21, 2011





Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.