

IN THE UNITED STATES DISTRICT COURT  
FOR THE WESTERN DISTRICT OF TEXAS  
WACO DIVISION

FLEXIWORLD TECHNOLOGIES, INC.,

Plaintiff,

v.

ROKU INC.,

Defendant.

Case No. 6:20-cv-0819

Patent Case

Jury Trial Demanded

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**ORIGINAL COMPLAINT FOR PATENT INFRINGEMENT**

Plaintiff Flexiworld Technologies, Inc., files this Original Complaint for patent infringement against Roku Inc. alleging as follows:

**NATURE OF THE SUIT**

1. This is a claim for patent infringement arising under the patent laws of the United States, Title 35 of the United States Code.

**THE PARTIES**

2. Plaintiff **Flexiworld Technologies, Inc.** (“Plaintiff” or “Flexiworld”) is a Washington corporation with its principal place of business at 2716 SE 169<sup>th</sup> Ave Q147, Vancouver, WA.

3. Defendant **Roku Inc.** (“Roku”) is a Delaware corporation with a principal place of business located at 9606 N. Mopac Expressway, Suite 400, Austin, Texas 78759.

**JURISDICTION AND VENUE**

4. This action arises under the patent laws of the United States, 35 U.S.C. § 101, *et seq.* This Court’s jurisdiction over this action is proper under the above statutes, including 35 U.S.C. § 271, *et seq.*, 28 U.S.C. § 1331 (federal question jurisdiction), and § 1338 (jurisdiction over patent actions).

5. Roku is subject to personal jurisdiction in this Court. In particular, this Court has personal jurisdiction over Roku because Roku has engaged in continuous, systematic, and substantial activities within this State, including substantial marketing and sales of products within this State and this District. Furthermore, upon information and belief, this Court has personal jurisdiction over Roku because Roku has committed acts giving rise to Flexiworld's claims for patent infringement within and directed to this District.

6. Upon information and belief, Roku has committed acts of infringement in this District and has one or more regular and established places of business within this District under the language of 28 U.S.C. § 1400(b). Thus, venue is proper in this District under 28 U.S.C. § 1400(b).

7. Roku maintains a permanent physical presence within the Western District of Texas, conducting business from at least its location 9606 N. Mopac Expressway, Suite 400, Austin, Texas 78759.

8. Upon information and belief, Roku has conducted and does conduct substantial business in this forum, directly and/or through subsidiaries, agents, representatives, or intermediaries, such substantial business including but not limited to: (i) at least a portion of the infringements alleged herein; (ii) purposefully and voluntarily placing one or more infringing products into the stream of commerce with the expectation that they will be purchased by consumers in this forum; or (iii) regularly doing or soliciting business, engaging in other persistent courses of conduct, or deriving substantial revenue from goods and services provided to individuals in Texas and in this judicial district.

9. Venue is proper in the Western District of Texas pursuant to 28 U.S.C. §1391 and 28 U.S.C. § 1400(b).

**FLEXIWORLD AND THE PATENTS-IN-SUIT**

10. Flexiworld is a pioneer and leading innovator in the field of pervasive wireless technologies.

11. Flexiworld was founded by American scientist and inventor William Ho Chang and is an innovator engaged in research and development of technologies for wireless applications and embedded solutions in short-range wireless (*e.g.*, Bluetooth, WiFi) and mobile device markets.

12. Flexiworld has significantly contributed to the innovation of wireless devices such as mobile phones, notebooks, PDAs, digital cameras, wireless television, wireless printers, and wireless audio devices, etc.

13. Flexiworld was voted the best early stage company in the Pacific Northwest in 2002 and Flexiworld's business plan was also voted, consecutively, as the top 2 among the "Ten Best" in 2002 and in 2003 by the Business Journal in Silicon Valley, USA.

14. Flexiworld's innovative work and results have been widely recognized in the industry. The company's patents have been repeatedly forward cited by major technology companies worldwide, including by Roku.

15. Flexiworld develops wireless applications and embedded solutions for the short-range wireless and mobile device market.

16. William H. Chang, one of the named co-inventors on the Patents-in-Suit, is the founder and President of Flexiworld. Mr. Chang has been granted over 83 United States patents and over 97 patents worldwide on his inventions.

17. Christina Ying Liu, one of the named co-inventors on the Patents-in-suit, is a Flexiworld shareholder. Ms. Liu has been granted over 66 United States patents and over 76 patents worldwide on her inventions.

18. This cause of action asserts infringement of United States Patent Nos. 8,989,064 (“the ’064 Patent”), 10,346,114 (“the ’114 Patent”), and 10,740,066 (“the ’066 Patent”) (collectively, the “Patents-in-Suit”).

**The ’064 Patent**

19. The ’064 Patent, entitled “Wireless controller wire connectable to output devices such as televisions for accessing digital content and for wireless communication with mobile information apparatus,” duly and legally issued on March 24, 2015, from U.S. Patent Application No. 11/929,445, filed on October 30, 2007, naming William Ho Chang and Christina Ying Liu as the inventors. A true and correct copy of the ’064 Patent is attached hereto as **Exhibit 1** and is incorporated by reference.

20. The ’064 Patent claims patent-eligible subject matter under 35 U.S.C. § 101.

21. Flexiworld is the owner and assignee of all rights, title, and interest in and under the ’064 Patent.

22. An assignment of the ’064 Patent from inventors Chang and Liu to Flexiworld is recorded at the PTO at Reel/Frame 029112/0430.

23. Flexiworld has standing to sue for infringement of the ’064 Patent.

**The ’114 Patent**

24. The ’114 Patent, entitled “Digital content services over the internet that transmit or stream protected digital content to mobile devices, display devices, audio output devices, printing devices, televisions, or television controllers,” duly and legally issued on July 9, 2019, from U.S. Patent Application No. 15/973,317, filed on May 7, 2018, naming William Ho Chang and Christina Ying Liu as the inventors. A true and correct copy of the ’114 Patent is attached hereto as **Exhibit 2** and is incorporated by reference.

25. The ’114 Patent claims patent-eligible subject matter under 35 U.S.C. § 101.

26. Flexiworld is the owner and assignee of all rights, title, and interest in and under the '072 Patent.

27. An assignment of the '114 Patent from inventors Chang and Liu to Flexiworld is recorded at the PTO at 012325/0362.

28. Flexiworld has standing to sue for infringement of the '114 Patent.

**The '066 Patent**

29. The '066 Patent, entitled "Output devices that establish wireless connection with an information apparatus subsequent to having been wirelessly discovered by the information apparatus," duly and legally issued on August 11, 2020, from U.S. Patent Application No. 16/396,460, filed on April 26, 2019 naming William Ho Chang and Christina Ying Liu as the inventors. A true and correct copy of the '066 Patent is attached hereto as **Exhibit 3** and is incorporated by reference.

30. The '066 Patent claims patent-eligible subject matter under 35 U.S.C. § 101.

31. Flexiworld is the owner and assignee of all rights, title, and interest in and under the '066 Patent.

32. An assignment of the '066 Patent from inventors Chang and Liu to Flexiworld is recorded at the PTO at Reel/Frame 50223/6419 and 50436/8189.

33. Flexiworld has standing to sue for infringement of the '066 Patent.

34. On information and belief, with respect to each Patent-in-Suit Flexiworld has complied with the requirements of 35 U.S.C. § 287.

35. Roku has not obtained a license to any of the Patents-in-Suit.

36. Roku does not have Flexiworld's permission to make, use, sell, offer to sell, or import products that are covered by one or more claims of any of the Patents-in-Suit.

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