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BACKGROUND

Plaintiff SIPCO LLC asserts United States Patents Nos. 7,103,511 (“the ‘511 Patent”), 6,891,838 (“the ‘838 Patent”), and 7,697,492 (“the ‘492 Patent”). The ‘492 Patent was added to the case after claim construction briefing began on the ‘511 Patent and the ‘838 Patent, and the Court ordered a separate round of briefing on the ‘492 Patent. (*See* Dkt. No. 523.) The patents-in-suit all have common ancestors. The ‘511 Patent and the ‘838 Patent are related to one another through continuations-in-part based on United States Patent No. 6,218,953 (“the ‘953 Patent”). The ‘492 Patent is a continuation of a continuation-in-part of the ‘838 Patent.

The remaining Defendants are Crestron Electronics, Inc. and X10 Wireless Technology, Inc.

The patents-in-suit relate to “mesh networking,” in which devices can communicate through any of the multiple paths created by overlap between the wireless ranges of devices in a network. Applications of this technology include monitoring and controlling residential or commercial systems, such as electricity, heating and cooling, security, lighting, or irrigation. (*See, e.g.*, ‘511 Patent at 22:1-10; ‘838 Patent at 9:15-33.)

The ‘511 Patent is titled “Wireless Communication Networks for Providing Remote Monitoring of Devices,” and its Abstract states:

Wireless communication networks for monitoring and controlling a plurality of remote devices are provided. Briefly, one embodiment of a wireless communication network may comprise a plurality of wireless transceivers having unique identifiers. Each of the plurality of wireless transceivers may be configured to receive a sensor data signal from one of the plurality of remote devices and transmit an original data message using a predefined wireless communication protocol. The original data message may comprise the corresponding unique identifier and sensor data signal. Each of the plurality of wireless transceivers may be configured to receive the original data message transmitted by one of the other wireless transceivers and transmit a repeated data

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