

(12) **INTER PARTES REVIEW CERTIFICATE** (1743rd)

**United States Patent
Cummings et al.**

(10) Number: **US 9,019,838 K1**
(45) Certificate Issued: **May 7, 2020**

(54) **CENTRAL PIECE OF NETWORK
EQUIPMENT**

(75) Inventors: **Marshall B. Cummings; John F.
Austermann, III**

(73) Assignee: **CHRIMAR SYSTEMS, INC.**

Trial Numbers:

IPR2016-01397 filed Jul. 8, 2016
IPR2017-00720 filed Jan. 18, 2017

Inter Partes Review Certificate for:

Patent No.: **9,019,838**
Issued: **Apr. 28, 2015**
Appl. No.: **13/615,734**
Filed: **Sep. 14, 2012**

The results of IPR2016-01397 joined with IPR2017-00720 are reflected in this inter partes review certificate under 35 U.S.C. 318(b).

INTER PARTES REVIEW CERTIFICATE
U.S. Patent 9,019,838 K1
Trial No. IPR2016-01397
Certificate Issued May 7, 2020

1

2

AS A RESULT OF THE INTER PARTES
REVIEW PROCEEDING, IT HAS BEEN
DETERMINED THAT:

Claims 1, 2, 7, 26, 29, 38, 39, 40, 47, 55 and 69 are ⁵
cancelled.

* * * * *