

(12) **SUPPLEMENTAL EXAMINATION CERTIFICATE**

**United States Patent**

(10) **Number: US 9,114,715 F1**

**Takashima et al.**

(45) **Certificate Issued: Jul. 28, 2016**

**Control No.: 96/000,145**

**Filing Date: May 24, 2016**

**Primary Examiner: My Trang Ton**

No substantial new question of patentability is raised in the request for supplemental examination. See the Reasons for Substantial New Question of Patentability Determination in the file of this proceeding.

(56) **Items of Information**

U.S. PATENT DOCUMENTS

9,199,538	12/2015	Tomokazu Masuda
7,688,024	03/2010	Ryuichi Kamaga

FOREIGN PATENT DOCUMENTS

JP	2011-004448	01/2011
----	-------------	---------