

IN THE UNITED STATES DISTRICT COURT  
FOR THE MIDDLE DISTRICT OF PENNSYLVANIA

The Penn State Research Foundation	)	
	)	
Plaintiff,	)	
	)	
vs.	)	
	)	No. _ : 14-CV-
Samsung Electronics Co., Ltd.,	)	(Judge )
Samsung Electronics America, Inc.,	)	
Samsung Telecommunications America, LLC,	)	
Samsung Display Co., Ltd.	)	
	)	
Defendants.	)	

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**PLAINTIFF’S ORIGINAL COMPLAINT  
FOR PATENT INFRINGEMENT AND JURY DEMAND**

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Plaintiff, The Penn State Research Foundation (“Plaintiff Penn State”), files this Original Complaint for patent infringement against Defendants Samsung Electronics Co., Ltd., Samsung Electronics America, Inc., Samsung Telecommunications America, LLC, and Samsung Display Co., Ltd. (collectively “Defendants”), and alleges as follows:

**I. PARTIES**

1. Plaintiff Penn State is a 501(c)(3) non-profit corporation which acts as the technology transfer agent of The Pennsylvania State University. Plaintiff Penn State’s principal place of business is located at 208 Old Main, University Park, Pennsylvania 16802. The Pennsylvania State University is an instrumentality of the

Commonwealth of Pennsylvania and is a state-related institution of higher education.

2. On information and belief, Defendant Samsung Electronics Co., Ltd. is a corporation organized under the laws of Korea, having its principal place of business at 1320-10, Seocho2-dong, Seocho-gu, Seoul 137-857 Korea. Upon information and belief, Defendant Samsung Electronics Co., Ltd. is a nonresident of Pennsylvania that engages in business in the Commonwealth, but does not maintain a regular place of business in Pennsylvania or a designated agent for service of process in the Commonwealth. Defendant Samsung Electronics Co., Ltd. may be served with process in Korea pursuant to the Hague Convention on the Service Abroad of Judicial and Extrajudicial Documents.

3. On information and belief, Defendant Samsung Electronics America, Inc. is a corporation organized under the Laws of the State of New York, having its principal place of business at 105 Challenger Road, Ridgefield Park, New Jersey 07660. Defendant Samsung Electronics America, Inc. is a wholly-owned subsidiary of Defendant Samsung Electronics Co., Ltd. Defendant Samsung Electronics America, Inc. may be served through its registered agent, CT Corporation System, 350 N. St. Paul Street, Suite 2900, Dallas, Texas 75201.

4. On information and belief, Defendant Samsung Telecommunications America, LLC is a limited liability company organized under the Laws of the State

of Delaware, having its principal place of business at 1301 East Lookout Drive, Richardson, TX 75082. Defendant Samsung Telecommunications America, LLC is a wholly-owned subsidiary of Defendant Samsung Electronics America, Inc. Defendant Samsung Telecommunications America, LLC may be served through its registered agent Corporation Service Company, 2711 Centerville Road, Suite 400, Wilmington, DE 19808.

5. Upon information and belief, Defendant Samsung Display Co., Ltd. is a corporation organized under the laws of Korea, having its principal place of business at Samsung St. 181, Tangjeong-Myeon, Asan-City, Chungcheongnam-Do, Korea. Defendant Samsung Display Co., Ltd. may be served with process in Korea pursuant to the Hague Convention on the Service Abroad of Judicial and Extrajudicial Documents.

## **II. JURISDICTION AND VENUE**

6. This action arises under the patent laws of the United States, Title 35 of the United States Code. The Court's jurisdiction over this action is proper under the above statutes, including 35 U.S.C. § 271 *et seq.*, and 28 U.S.C. §§ 1331 and 1338(a).

7. This Court has personal jurisdiction over each Defendant. Each Defendant has conducted and does conduct business within the Commonwealth of Pennsylvania. Each Defendant, directly or through intermediaries (including

distributors, retailers, and others), ships, distributes, offers for sale, and/or sells its products in the United States, the Commonwealth of Pennsylvania, and the Middle District of Pennsylvania. Each Defendant has purposefully and voluntarily placed one or more of its infringing products, as described below, into the stream of commerce with the expectation that they will be purchased by consumers in the Middle District of Pennsylvania. Infringing products have been and continue to be purchased by consumers in the Middle District of Pennsylvania. Each Defendant has committed the tort of Patent Infringement within the Commonwealth of Pennsylvania and, more particularly, within the Middle District of Pennsylvania.

8. Venue is proper in this Court under 28 U.S.C. § 1391 and 28 U.S.C. § 1400(b).

### **III. INFRINGEMENT OF UNITED STATES PATENT**

9. Plaintiff Penn State is the owner of all rights, title and interest in and under United States Patent No. 6,720,572 (“’572 patent”), titled “Organic Light Emitters with Improved Carrier Injection,” which was duly and legally issued on April 13, 2004.

10. The ’572 patent is valid and enforceable.

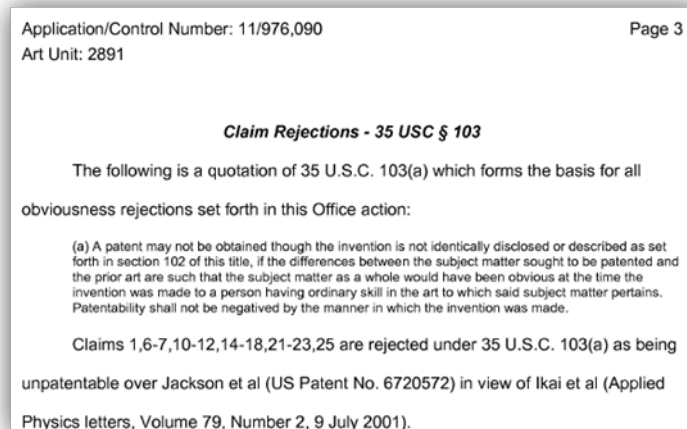
11. All requirements under 35 U.S.C. § 287 have been satisfied with respect to the ’572 patent.

#### IV. CLAIM ONE - INFRINGEMENT OF THE '572 PATENT

12. Plaintiff Penn State incorporates by reference all paragraphs above as though fully repeated herein.

13. Defendants have been and continue to directly infringe the '572 patent by making, using, offering for sale, selling, and/or importing in or into the United States, without authority, instrumentalities and/or services that practice one or more claims of the '572 patent in violation of § 271(a), including, but not limited to the Galaxy SIII, the Samsung Galaxy S4, and other similar products.

14. Defendant Samsung Electronics Co., Ltd. has known of the '572 patent since at least May 12, 2010 when its patent application number 12/031/287<sup>1</sup> was rejected under 35 U.S.C. § 103(a) as unpatentable over the '572 patent in combination with another reference:



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<sup>1</sup> This application issued as U.S. Patent No. 7,863,628 on 1/4/2011.

Thereafter, Defendants had actual notice of Plaintiff Penn State's claim that the '572 patent covered the Samsung Galaxy SIII and/or S4 products.

15. Defendants have at no time, either expressly or impliedly, been licensed under the '572 patent.

16. Plaintiff Penn State has no adequate remedy at law against Defendants' acts of patent infringement. Unless Defendants are permanently enjoined from their unlawful and willful infringement of the '572 patent, Plaintiff Penn State will suffer irreparable harm.

17. As a direct and proximate result of Defendants' acts of patent infringement, Plaintiff Penn State has been and continues to be injured, and has sustained and will continue to sustain substantial damages. Under 35 U.S.C. § 281, Plaintiff Penn State shall have a remedy for Defendants' infringement of the '572 patent by virtue of this lawsuit, and shall be entitled to an award of damages adequate to compensate for Defendants' infringement of the '572 patent; but in no event, less than a reasonable royalty for the use and/or sale of its invention made by Defendants, together with interest and costs as fixed by the court under 35 U.S.C. § 284.

## **V. PRAYER FOR RELIEF**

Plaintiff Penn State respectfully requests that judgment be entered in its favor against Defendants and respectfully requests that this Court grant it the following relief:

- a) Declare that Plaintiff Penn State exclusively owns the '572 patent;
- b) Declare that the '572 patent is valid and enforceable;
- c) Declare that Defendants infringe the '572 patent;
- d) Award damages to Plaintiff Penn State to which it is entitled because of Defendants' infringement of the '572 patent;
- e) Award Plaintiff Penn State other supplemental damages and interest including, but not limited to, attorney's fees under 35 U.S.C. § 285;
- f) Permanently enjoin Defendants from making, having made, selling, offering for sale, importing, distributing, and using products that infringe the '572 patent; and
- g) Award Plaintiff Penn State any other and further relief as this Court may deem just and proper.

## **VI. JURY DEMAND**

In accordance with Federal Rules of Civil Procedure 38 and 39, Plaintiff Penn State asserts its rights under the Seventh Amendment of the United States Constitution and demands a trial by jury on all issues.

Dated: January 24, 2014

Respectfully submitted,

s/ Terry W. Light PA 20789

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CIVIL COVER SHEET

The JS 44 civil cover sheet and the information contained herein neither replace nor supplement the filing and service of pleadings or other papers as required by law, except as provided by local rules of court. This form, approved by the Judicial Conference of the United States in September 1974, is required for the use of the Clerk of Court for the purpose of initiating the civil docket sheet. (SEE INSTRUCTIONS ON NEXT PAGE OF THIS FORM.)

I. (a) PLAINTIFFS

(b) County of Residence of First Listed Plaintiff (EXCEPT IN U.S. PLAINTIFF CASES)

(c) Attorneys (Firm Name, Address, and Telephone Number)

DEFENDANTS

County of Residence of First Listed Defendant (IN U.S. PLAINTIFF CASES ONLY)

NOTE: IN LAND CONDEMNATION CASES, USE THE LOCATION OF THE TRACT OF LAND INVOLVED.

Attorneys (If Known)

II. BASIS OF JURISDICTION (Place an "X" in One Box Only)

- 1 U.S. Government Plaintiff, 2 U.S. Government Defendant, 3 Federal Question (U.S. Government Not a Party), 4 Diversity (Indicate Citizenship of Parties in Item III)

III. CITIZENSHIP OF PRINCIPAL PARTIES (Place an "X" in One Box for Plaintiff and One Box for Defendant)

- Citizen of This State, Citizen of Another State, Citizen or Subject of a Foreign Country, PTF DEF, Incorporated or Principal Place of Business In This State, Incorporated and Principal Place of Business In Another State, Foreign Nation

IV. NATURE OF SUIT (Place an "X" in One Box Only)

Table with 5 columns: CONTRACT, REAL PROPERTY, TORTS, CIVIL RIGHTS, PRISONER PETITIONS, FORFEITURE/PENALTY, LABOR, IMMIGRATION, BANKRUPTCY, SOCIAL SECURITY, FEDERAL TAX SUITS, OTHER STATUTES. Lists various legal categories and codes.

V. ORIGIN (Place an "X" in One Box Only)

- 1 Original Proceeding, 2 Removed from State Court, 3 Remanded from Appellate Court, 4 Reinstated or Reopened, 5 Transferred from Another District, 6 Multidistrict Litigation

VI. CAUSE OF ACTION

Cite the U.S. Civil Statute under which you are filing (Do not cite jurisdictional statutes unless diversity):
Brief description of cause:

VII. REQUESTED IN COMPLAINT:

CHECK IF THIS IS A CLASS ACTION UNDER RULE 23, F.R.Cv.P. DEMAND \$ CHECK YES only if demanded in complaint: JURY DEMAND: Yes No

VIII. RELATED CASE(S) IF ANY

(See instructions): JUDGE DOCKET NUMBER

DATE SIGNATURE OF ATTORNEY OF RECORD

FOR OFFICE USE ONLY

RECEIPT # AMOUNT APPLYING IFP JUDGE MAG. JUDGE

The Penn State Research Foundation

v.

Samsung Electronics Co., Ltd. et al.

Civil Coversheet - Plaintiff's Attorneys

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YES       NO

2. If the answer to Number 1 is “yes,” list below any parent corporation or state that there is no such corporation:

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3. If the answer to Number 1 is “yes,” list below any publicly-held corporation that owns 10% or more of the party’s stock or state that there is no such corporation:

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The undersigned party understands that under Rule 7.1 of the Federal Rules of Civil Procedure, it must promptly file a supplemental statement upon any change in the information that this statement requires.

\_\_\_\_\_  
Signature of Counsel for Party

Date: \_\_\_\_\_