

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF DELAWARE**

GRAPHICS PROPERTIES	)	
HOLDINGS, INC.,	)	
	)	CIVIL ACTION NO.
Plaintiff,	)	1:12-CV-388-UNA
	)	
v.	)	
	)	
SAMSUNG ELECTRONICS CO., LTD,	)	JURY TRIAL DEMANDED
SAMSUNG ELECTRONICS AMERICA,	)	
INC., and	)	
SAMSUNG TELECOMMUNICATIONS	)	
AMERICA, LLC,	)	
	)	
	)	
Defendants.	)	

**FIRST AMENDED COMPLAINT FOR PATENT INFRINGEMENT**

1. Plaintiff Graphics Properties Holdings, Inc. (“GPH” or “Plaintiff”), by and through its attorneys, hereby demands a jury trial and complains of Defendants Samsung Electronics Co., Ltd., Samsung Electronics America, Inc. and Samsung Telecommunications America, LLC (collectively “Defendants” or “Samsung”) as follows:

**NATURE OF THE ACTION**

2. This is an action for patent infringement arising under the patent laws of the United States, 35 U.S.C. §§ 271, *et seq.*, to enjoin infringement and obtain damages resulting from Defendants’ unauthorized manufacture, use, sale, offer to sell and/or importation into the United States for subsequent use or sale of products, methods, processes, services and/or systems that infringe one or more claims of United States Patent No. 8,144,158 (the “’158 Patent”) (attached as Exhibit A) entitled “Display System Having Floating Point Rasterization and Floating Point Framebuffering.” Plaintiff seeks injunctive

relief to prevent Defendants from continuing to infringe the '158 Patent. In addition, Plaintiff seeks a recovery of monetary damages resulting from Defendants' infringement of the '158 Patent.

3. This action for patent infringement involves Defendants' manufacture, use, sale, offer for sale, and/or importation into the United States of infringing products, methods, processes, services and systems that are primarily used or primarily adapted for use in consumer electronics devices, including but not limited to Defendants' cellular telephones, and other consumer electronics devices.

#### **THE PARTIES**

4. Plaintiff GPH is a Delaware corporation with its principal place of business at 56 Harrison Street, Suite 505, New Rochelle, New York 10801.

5. Plaintiff GPH is the lawful assignee of all right, title and interest in and '158 Patent.

6. GPH was formerly named Silicon Graphics, Inc. ("Silicon Graphics"). As Silicon Graphics, GPH developed technology and intellectual property used in the graphics, computer processing, and display segments. Since the bankruptcy of Silicon Graphics, GPH has been owned by private investment funds and other institutional investors.

7. GPH continues to manage and license its intellectual property, including the '158 Patent.

8. Defendant Samsung Electronics Co., Ltd. is a foreign company organized and existing under the laws of South Korea, with its principal place of business at 250, 2-ga, Taepyong-ro, Jung-gu Seoul 100-742, Korea.

9. Samsung Electronics Co., Ltd. makes, sells and/or offers for sale

within the United States consumer electronics and display devices. Such devices include, but are not limited to, cellular telephones; home theater audio and video components; ultra-mobile personal computers; and LCD, digital light processing (“DLP”), and plasma televisions.

10. On information and belief, Samsung Electronics Co., Ltd. is the parent corporation of Defendants Samsung Electronics America, Inc. and Samsung Telecommunications America, LLC, which manage Samsung Electronics Co., Ltd.’s United States operations.

11. Defendant Samsung Electronics America, Inc., is a domestic corporation organized and existing under the laws of the State of New York, with its principal place of business located at 105 Challenger Road, Ridgefield Park, NJ 07660.

12. On information and belief, Samsung Electronics America, Inc. is a wholly owned subsidiary of Samsung Electronics Co., Ltd. and is the managing entity for the North American operations of Defendant Samsung Telecommunications America, LLC.

13. Defendant Samsung Telecommunications America, LLC is a domestic corporation organized and existing under the laws of Delaware, with its principal place of business at 1301 East Lookout Drive, Richardson, Texas 75082. Samsung Telecommunications America, LLC is a subsidiary of Defendant Samsung Electronics America, Inc., whose ultimate parent is Samsung Electronics Co., Ltd.

14. On information and belief, Defendant Samsung Telecommunications America, LLC provides a variety of personal and business communications products including cellular telephones; home theater audio and video components; ultra-mobile personal computers; and LCD, digital light processing (“DLP”), and plasma televisions to

customers throughout North America.

15. Plaintiff has been and will continue to be irreparably harmed by the Defendants' infringements of the '158 Patent. Moreover, Defendants' unauthorized and infringing uses of Plaintiff's patented systems and methods threaten the value of this intellectual property because Defendants' conduct will result in Plaintiff's loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and/or importing the patented invention.

16. Defendants' disregard for Plaintiff's property rights threatens Plaintiff's relationships with existing licensees and potential licensees of Plaintiff's patents, including the '158 Patent. The Defendants will derive a competitive advantage over any of Plaintiff's existing licensees and future licensees from infringing Plaintiff's patented technology. Accordingly, unless the Defendants' continued acts of infringement are enjoined, Plaintiff will suffer further irreparable harm for which there is no adequate remedy at law.

### **JURISDICTION AND VENUE**

17. This Court has jurisdiction over the subject matter of this patent infringement action pursuant to 28 U.S.C. §§ 1331 and 1338(a).

18. Defendants are subject to personal jurisdiction in the State of Delaware because they regularly transact business in this judicial district and division by, among other things, offering their products and services to customers, business affiliates and partners located in this judicial district. In addition, the Defendants have committed acts of direct infringement of one or more of the claims the '158 Patent in this judicial district. Additionally, Samsung Telecommunications America, LLC is organized under the laws of

Delaware.

19. Venue is proper in this judicial district pursuant to 28 U.S.C. §§ 1391(b), 1391(c), and 1400(b) because the Defendants are subject to personal jurisdiction in this district, and have committed acts of infringement in this district.

**INFRINGEMENT OF UNITED STATES PATENT NO. 8,144,158**

20. Paragraphs 1 through 19 are incorporated by reference as if fully restated herein.

21. Plaintiff GPH is the assignee and lawful owner of all right, title and interest in and to the '158 Patent.

22. Defendants make, use, sell, offer to sell and/or import into the United States for subsequent sale or use products, services, methods or processes that infringe, directly and/or indirectly, or which employ systems, components and/or steps that make use of systems or processes that infringe, directly and/or indirectly, one or more of the claims of the '158 Patent. Such devices are consumer electronics and display devices and products containing the same, including cellular telephones, such as, but not limited to Defendants' Galaxy S and Galaxy S II devices and other substantially similar devices.

23. The Defendants have infringed one or more of the claims of the '158 Patent through the aforesaid acts, and will continue to do so unless enjoined by this Court. Defendants' wrongful conduct has caused and will continue cause Plaintiff to suffer irreparable harm resulting from the loss of its lawful patent rights to exclude others from making, using, selling, offering to sell and importing the patented inventions.

24. Plaintiff is entitled to recover damages adequate to compensate for the

infringement.

**WHEREFORE**, Plaintiff prays for judgment against the Defendants, granting Plaintiff the following relief:

A. That this Court adjudge and decree that Defendants have infringed the the '158 Patent;

B. That this Court permanently enjoin the Defendants, and their parents, subsidiaries, affiliates, successors and assigns, and each of their officers, directors, employees, representatives, agents, and attorneys, and all persons acting in concert or active participation with, or on their behalf, or within their control, from making, using, selling, offering to sell, or importing products and/or services and/or employing systems, hardware, software and/or components and/or making use of systems or processes that infringe any of the claims of the '158 Patent, or otherwise engaging in acts of infringement of the '158 Patents, all as alleged herein;

C. That this Court order an accounting, including a post-verdict accounting, to determine the damages to be awarded to Plaintiff as a result of the Defendants' infringement;

D. That this Court, pursuant to 35 U.S.C. § 284, enter an award to Plaintiff of such damages as it shall prove at trial against the Defendants that is adequate to compensate Plaintiff for said infringement, said damages to be no less than a reasonable royalty together with interest and costs;

E. That this Court assess pre-judgment and post-judgment interest and costs against the Defendants, together with an award of such interest and costs, in accordance

with 35 U.S.C. § 284;

F. Grant to Plaintiff such other, further, and different relief as may be just and proper.

**JURY DEMAND**

Plaintiff demands a trial by jury of all matters to which it is entitled to trial by jury pursuant to FED. R. CIV. P. 38.

Dated: March 28, 2012

/s/ Edmond D. Johnson

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