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RICHARD W. WIERING  
CLERK, U.S. DISTRICT COURT  
NORTHERN DISTRICT OF CALIFORNIA

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NC

13 UNITED STATES DISTRICT COURT  
14 NORTHERN DISTRICT OF CALIFORNIA

CV 12 1398

15 ROVI SOLUTIONS CORPORATION, a  
16 Delaware corporation

Case No.

17 Plaintiff,

COMPLAINT FOR PATENT  
INFRINGEMENT

18 v.

DEMAND FOR JURY TRIAL

19 LENOVO (SINGAPORE) PTE LTD., a  
20 Singapore corporation, LENOVO  
21 (BEIJING) LTD., a Chinese corporation,  
22 SHANGHAI LENOVO ELECTRONIC  
CO., LTD., a Chinese corporation,  
23 LENOVO (BUIYANG) ELECTRONIC  
INDUSTRIAL CO., LTD., a Chinese  
24 corporation, and LENOVO  
INFORMATIONS PRODUCTS  
25 (SHENZHEN) CO., LTD., a Chinese  
corporation,

26 Defendants.

27  
28  
COMPLAINT

FENWICK & WEST LLP  
ATTORNEYS AT LAW  
MOUNTAIN VIEW

1 Plaintiff Rovi Solutions Corporation (“Rovi”) hereby alleges as follows:

2 **NATURE OF THE ACTION**

3 1. This is a civil action for patent infringement of United States Patents Nos.  
4 5,583,936 (“the ’936 Patent”), and 6,381,747 (“the ’747 Patent”) (collectively, the “patents-in-  
5 suit”).

6 2. This action arises under the Patent Laws of the United States, Title 35 of the  
7 United States Code. This Court has subject matter jurisdiction pursuant to 28 U.S.C. §§ 1331 and  
8 1338.

9 **THE PARTIES**

10 3. Plaintiff Rovi Solutions Corporation is a corporation organized under the laws of  
11 Delaware having its principal office located at 2830 De La Cruz Boulevard, Santa Clara,  
12 California 95050.

13 4. Plaintiff is informed and believes that defendant Lenovo (Singapore) Pte. Ltd. is a  
14 Singapore corporation with its principal place of business at 151, Lorong Chuan, #02-01, New  
15 Tech Park, Singapore 556741.

16 5. Plaintiff is informed and believes that defendant Lenovo (Beijing) Ltd. is a  
17 Chinese corporation with its principal place of business at No. 6 Chuang Ye Road, Shangdi  
18 Information Industry Base, Haidian District, Beijing, People’s Republic of China 100085.

19 6. Plaintiff is informed and believes that defendant Shanghai Lenovo Electronic Co.,  
20 Ltd. is a Chinese corporation with its principal place of business at No. 550 Jinhai Road, Jinqiao  
21 Export Processing Zone, Pudong New Area, Shanghai, People’s Republic of China 201206.

22 7. Plaintiff is informed and believes that defendant Lenovo (Buiyang) Electronic  
23 Industrial Co., Ltd. is a Chinese corporation with its principal place of business at Lenovo  
24 Science and Technology Park, Sun City, Buiyang District, Guangdong, People’s Republic of  
25 China 516213.

26 8. Plaintiff is informed and believes that defendant Lenovo Informations Products  
27 (Shenzhen) Co., Ltd. is a Chinese corporation with its principal place of business at Futian Free  
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1 Trade Zone, 6 Hongmian Road, Shenzhen, Guangdong, People's Republic of China 5180938  
2 (collectively all the defendants referred to as "Lenovo").

3  
4 **JURISDICTION AND VENUE**

5 9. This Court has personal jurisdiction over Defendants because Lenovo has engaged  
6 in continuous and systematic activities and/or business in California, including without limitation  
7 entering into contracts and/or business relationships with California businesses and/or residents  
8 and repeatedly filing complaints in this District.

9 10. Lenovo has also committed intentional acts in or expressly aimed at the State of  
10 California concerning the subject matter of this action. On information and belief, Lenovo  
11 regularly transacts business within this District, including using, importing, marketing, selling,  
12 reselling, offering for sale, and/or inducing others to use, sell, and/or offer for sale the accused  
13 Lenovo Notebooks and Personal Computers, including Lenovo ThinkPad computers, throughout  
14 this District.

15 11. Venue is proper in this judicial district pursuant to 28 U.S.C. §§ 1391(b), (c), (d),  
16 and 1400(b).

17 **FIRST CLAIM FOR RELIEF**  
18 **(Infringement of the '936 Patent)**

19 12. This claim is made under the provisions of the patent laws of the United States,  
20 35 U.S.C. §§ 271 *et seq.* Rovi incorporates by reference the allegations of Paragraphs 1 through  
21 11 above.

22 13. On December 10, 1996, the United States Patent and Trademark Office duly and  
23 legally issued the '936 Patent, entitled "Video copy protection process enhancement to introduce  
24 horizontal and vertical picture distortions" to Peter Wonfor, Alistair J. Knox, Jeremy J. Corcoran,  
25 John O. Ryan, and Ronald Quan. Rovi is the owner, by valid assignment, of all right, title and  
26 interest in the '936 Patent.

1 14. Defendants have been, and currently are, directly and/or indirectly infringing the  
2 '936 Patent by manufacturing, using, importing, marketing, selling, reselling, offering for sale,  
3 and/or inducing others to use, sell, and/or offer for sale Rovi-enabled chips and components,  
4 including without limitation the GeForce Go 7300 G72, 945GM, G72MV, M56, C51M, 302LV,  
5 910GML, 915GMS, Mobility Radeon 7500-9000, and Radeon X600 integrated chips among  
6 others, in their Lenovo Notebooks and Personal Computers, including Lenovo ThinkPad  
7 computers, in less-than-real-time applications to play back content downloaded from a network  
8 source through an analog output port, without a license.

9 15. Defendants' acts of infringement are willful. Rovi notified Lenovo of its  
10 infringement of the '936 patent at least as of October 2011. Defendants, therefore, knew of the  
11 '936 Patent and that the Rovi-enabled chips and components practice the '936 Patent, yet  
12 nevertheless continued their infringing activities.

13 16. As a direct and proximate consequence of Defendants' infringement of the '936  
14 Patent, Rovi has suffered and will continue to suffer irreparable injury and damages in an amount  
15 not yet determined for which Rovi is entitled to relief. Pursuant to 35 U.S.C. § 284, Rovi is  
16 entitled to damages for infringement and treble damages. Rovi is also entitled to recover  
17 reasonable attorneys' fees.

18 **SECOND CLAIM FOR RELIEF**  
19 **(Infringement of the '747 Patent)**

20 17. This claim is made under the provisions of the patent laws of the United States,  
21 35 U.S.C. §§ 271 *et seq.* Rovi incorporates by reference the allegations of Paragraphs 1 through 11  
22 above.

23 18. On April 30, 2002, the United States Patent and Trademark Office duly and legally  
24 issued the '747 Patent, entitled "Method for controlling copy protection in digital video networks,"  
25 to Peter J. Wonfor and Derek T. Nelson. Rovi is the owner, by valid assignment, of all right, title  
26 and interest in the '747 Patent.  
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1 19. Defendants have been, and currently are, directly and/or indirectly infringing the  
 2 '747 Patent by manufacturing, using, importing, marketing, selling, reselling, offering for sale,  
 3 and/or inducing others to use, sell, and/or offer for sale Rovi-enabled chips and components,  
 4 including without limitation the GeForce Go 7300 G72, 945GM, G72MV, M56, C51M, 302LV,  
 5 910GML, 915GMS, Mobility Radeon 7500-9000, and Radeon X600 integrated chips among  
 6 others, in their Lenovo Notebooks and Personal Computers, including Lenovo ThinkPad  
 7 computers, in less-than-real-time applications to play back content downloaded from a network  
 8 source through an analog output port, without a license.

9 20. Defendants' acts of infringement are willful. Rovi notified Lenovo of its  
 10 infringement of the '747 patent at least as of October 2011. Defendants, therefore, knew of the  
 11 '747 Patent and that the Rovi-enabled chips and components practice the '747 Patent, yet  
 12 nevertheless continued their infringing activities.

13 21. As a direct and proximate consequence of Defendants' infringement of the '747  
 14 Patent, Rovi has suffered and will continue to suffer irreparable injury and damages in an amount  
 15 not yet determined for which Rovi is entitled to relief. Pursuant to 35 U.S.C. § 284, Rovi is  
 16 entitled to damages for infringement and treble damages. Rovi is also entitled to recover  
 17 reasonable attorney's fees.

18 **PRAYER FOR RELIEF**

19 WHEREFORE, Rovi respectfully requests that this Court enter an order granting Rovi the  
 20 following relief:

- 21 a) An award to Rovi for the damage caused by Defendants' infringement of the '936  
 22 Patent under 35 U.S.C. § 284;
- 23 b) An award to Rovi for the damage Defendants' infringement of the '747 patent  
 24 under 35 U.S.C. § 284;
- 25 c) Enhanced damages under 35 U.S.C. § 284 for Defendants' infringement of the  
 26 '936 and '747 patents;
- 27 d) Attorneys' fees under 33 U.S.C. § 285 for prosecution and defense of all patent  
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counts herein;

- e) An award to Rovi of compensatory damages;
- f) An award to Rovi of exemplary damages;
- g) An award to Rovi of its costs and expenses;
- h) An award to Rovi of prejudgment and post-judgment interest; and
- i) Such other and further relief as this Court deems proper.

Dated: March 20, 2012

Fenwick & West LLP

By:   
Bryan A. Kohm  
Attorneys for Plaintiff  
Rovi Solutions Corporation

FENWICK & WEST LLP  
ATTORNEYS AT LAW  
MOUNTAIN VIEW

**DEMAND FOR JURY TRIAL**

Plaintiff hereby demands a trial by jury of all issues triable of right by a jury.

Dated: March 20, 2012

Fenwick & West LLP

By: 

Bryan A. Kohm  
Attorneys for Plaintiff  
Rovi Solutions Corporation

FENWICK & WEST LLP  
ATTORNEYS AT LAW  
MOUNTAIN VIEW

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