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13 RED HAT, INC. AND GLUSTER, INC.

14
15 **UNITED STATES DISTRICT COURT**
16 **NORTHERN DISTRICT OF CALIFORNIA**
17 **SAN JOSE DIVISION**

18 TWIN PEAKS SOFTWARE INC.,
19 Plaintiff/Counterclaim-Defendant,
20 v.
21 RED HAT, INC. AND GLUSTER, INC.,
22 Defendants/Counterclaim-Plaintiffs.

Case No. 5:12-cv-00911 RMW

**DEFENDANTS/COUNTERCLAIM-
PLAINTIFFS RED HAT, INC.'S AND
GLUSTER, INC.'S FIRST AMENDED
ANSWER AND COUNTERCLAIMS
TO PLAINTIFF TWIN PEAKS
SOFTWARE INC.'S FIRST
AMENDED COMPLAINT FOR
PATENT INFRINGEMENT**

DEMAND FOR JURY TRIAL

1 Pursuant to Rules 8 and 15(a)(3) of the Federal Rules of Civil Procedure, Defendants Red
2 Hat, Inc. (“Red Hat”) and Gluster, Inc. (“Gluster”) (collectively, “Defendants”) hereby amend their
3 answer and counterclaims in response to Plaintiff Twin Peaks Software Inc.’s (“Plaintiff” or “Twin
4 Peaks”) First Amended Complaint for Patent Infringement (D.I. 22). Defendants deny each and
5 every allegation contained in the First Amended Complaint that is not expressly admitted below.
6 Any factual allegation below is admitted only as to the specific admitted facts, not as to any
7 purported conclusions, characterizations, implications or speculations that arguably follow from the
8 admitted facts. Defendants deny that Plaintiff is entitled to the relief requested or any other relief.

9 **ANSWER**

10 1. On information and belief, Defendants admit that Plaintiff is a California corporation
11 with its principal place of business at 46732 Fremont Blvd., Fremont, California 94538. Defendants
12 lack sufficient knowledge to admit or deny the remaining allegations of Paragraph 1 and therefore
13 deny those allegations.

14 2. Defendants admit that Red Hat is a Delaware corporation with its principal place of
15 business at 1801 Varsity Drive, Raleigh, North Carolina 27606.

16 3. Defendants deny that Gluster is a California corporation having its principal place of
17 business at 640 W. California Ave., Suite 200, Sunnyvale, California 94086.

18 4. Defendants admit that on or about October 4, 2011, Red Hat publicly announced that
19 it was entering into an agreement to acquire Gluster. Except as expressly admitted, Defendants
20 deny the remaining allegations of Paragraph 4.

21 5. Defendants admit that Gluster is a wholly-owned subsidiary of Red Hat. Except as
22 expressly admitted, Defendants deny the remaining allegations of Paragraph 5.

23 6. Defendants admit that Plaintiff’s claims for patent infringement purport to arise
24 under the Patent Act, 35 U.S.C. §§ 101 *et seq.*, but deny that such claims have merit. Defendants
25 admit that this Court has subject matter jurisdiction over Plaintiff’s patent infringement claims
26 pursuant to 28 U.S.C. §§ 1331 and 1338(a). Except as expressly admitted, Defendants deny the
27 remaining allegations of Paragraph 6.

1 7. Defendants admit for purposes of this action only that this Court has personal
2 jurisdiction over Defendants. Defendants expressly deny that they have committed any act of
3 infringement in this judicial district or elsewhere. Except as expressly admitted, Defendants deny
4 the remaining allegations of Paragraph 7.

5 8. Defendants admit for purposes of this action only that venue is proper in this District.
6 Defendants expressly deny that they have committed any acts of infringement in this judicial district
7 or elsewhere. Except as expressly admitted, Defendants deny the remaining allegations of
8 Paragraph 8.

9 9. Defendants admit that Plaintiff has realleged and incorporated by reference its
10 allegations in the preceding paragraphs of the First Amended Complaint. Except as expressly
11 admitted, Defendants deny the remaining allegations of Paragraph 9.

12 10. Defendants admit that U.S. Patent No. 7,418,439 (“the ’439 Patent”) bears an issue
13 date of August 26, 2008, and that a copy of the ’439 Patent appears to be attached as Exhibit A to
14 the First Amended Complaint. Defendants admit that the first page of the ’439 Patent states that the
15 patent’s title is “Mirror File System,” and identifies its inventor as John P. Wong of Fremont,
16 California. Defendants deny that the ’439 Patent was duly and lawfully issued. Defendants lack
17 sufficient knowledge to admit or deny the remaining allegations of Paragraph 10 and therefore deny
18 those allegations.

19 11. Defendants admit that the first page of the ’439 Patent identifies Twin Peaks
20 Software, Inc. as the Patent’s assignee. Defendants lack sufficient knowledge to admit or deny the
21 allegations of Paragraph 11 and therefore deny those allegations.

22 12. Gluster admits that it has sold the Gluster FS product, and Red Hat admits that it has
23 sold the Red Hat Storage Software Appliance and Red Hat Virtual Storage Appliance products.
24 Defendants expressly deny that they have directly and/or indirectly infringed any claim of the ’439
25 Patent, whether in this District or elsewhere in the United States. Except as expressly admitted,
26 Defendants deny the remaining allegations of Paragraph 12.

1 **FIRST AFFIRMATIVE DEFENSE**

2 **(Non-Infringement)**

3 16. Defendants have not infringed and does not currently infringe (either directly,
4 contributorily, or by inducement) any valid claim of the '439 Patent.

5 **SECOND AFFIRMATIVE DEFENSE**

6 **(Invalidity)**

7 17. The claims of the '439 Patent are invalid and unenforceable because they fail to
8 satisfy one or more conditions for patentability set forth in 35 U.S.C. § 101 *et seq.*, including,
9 without limitation, Sections 101, 102, 103, and 112, because the alleged invention of the '439
10 Patent lacks utility, is taught by, suggested by, and/or, anticipated or obvious in view of the prior
11 art, is not enabled, and/or is unsupported by the written description of the patented invention, and no
12 claim of the '439 Patent can be validly construed to cover any of Defendants' products.

13 **THIRD AFFIRMATIVE DEFENSE**

14 **(Laches/Unclean Hands/Equitable Estoppel/Waiver)**

15 18. Plaintiff's claims are barred, in whole or in part, by the equitable doctrines of laches,
16 unclean hands, estoppel and/or waiver.

17 **FOURTH AFFIRMATIVE DEFENSE**

18 **(Prosecution History Estoppel)**

19 19. Plaintiff's claims are barred by the doctrine of prosecution history estoppel based on
20 statements, representations and admissions made during prosecution of the patent application
21 resulting in the '439 Patent and/or in related patent applications.

22 **FIFTH AFFIRMATIVE DEFENSE**

23 **(Damages Limited by Statute)**

24 20. Plaintiff's claims for damages are statutorily limited by 35 U.S.C. §§ 286 and/or 287,
25 and Plaintiff is barred by 35 U.S.C. § 288 from recovering costs associated with this action.

1 **SIXTH AFFIRMATIVE DEFENSE**

2 **(Remedies Limited by Statute)**

3 21. Plaintiff's remedies are limited by 28 U.S.C. § 1498(a).

4 **SEVENTH AFFIRMATIVE DEFENSE**

5 **(Failure to State a Claim)**

6 22. Plaintiff's First Amended Complaint fails to state a claim for relief against
7 Defendants. Plaintiff's First Amended Complaint identifies no person or entity who directly
8 infringes the claims of the '439 Patent, as required to prove indirect infringement. Furthermore,
9 Plaintiff's First Amended Complaint does not (and cannot) allege that Defendants' accused
10 products lack substantial non-infringing uses, as required to prove contributory infringement.

11 **EIGHTH AFFIRMATIVE DEFENSE**

12 **(No Right to Injunctive Relief)**

13 23. Plaintiff's claim for injunctive relief is barred because there exists an adequate
14 remedy at law and Plaintiff's claims otherwise fail to meet the requirements for such relief.

15 **NINTH AFFIRMATIVE DEFENSE**

16 **(Reservation of Rights)**

17 24. Defendants reserve the right to add any additional defenses (including but not limited
18 to inequitable conduct) or counterclaims which may now exist or in the future may be available
19 based on discovery and further factual investigation in this case.

20 **DEFENDANTS' COUNTERCLAIMS AGAINST PLAINTIFF TWIN PEAKS**

21 For their counterclaims against Plaintiff Twin Peaks, Defendants state and allege as follows:

22 **Nature of the Action**

23 25. These counterclaims seek declaratory judgments of non-infringement and invalidity
24 of the '439 Patent asserted by Plaintiff in this action, and judgment against Twin Peaks for
25 copyright infringement. Defendants seek judgment under the patent laws of the United States, 35
26 U.S.C. § 101, *et seq.*, the Declaratory Judgment Act, 28 U.S.C. §§ 2201 and 2202, and the copyright
27 laws of the United States, 17 U.S.C. § 101, *et seq.*

1 **Parties**

2 26. Defendant and Counterclaim-Plaintiff Red Hat is a Delaware corporation with a
3 principal place of business at 1801 Varsity Drive, Raleigh, North Carolina 27606.

4 27. Defendant and Counterclaim-Plaintiff Gluster is a Delaware corporation and a
5 wholly owned subsidiary of Red Hat, with a principal place of business at 1801 Varsity Drive,
6 Raleigh, North Carolina 27606.

7 28. On information and belief, Plaintiff and Counterclaim-Defendant Twin Peaks is a
8 California corporation with a principal place of business at 46732 Fremont Blvd., Fremont,
9 California 94538.

10 **Jurisdiction and Venue**

11 29. This Court has subject matter jurisdiction over these counterclaims pursuant to 28
12 U.S.C. §§ 1331 and 1338, the patent laws of the United States set forth at 35 U.S.C. §§ 101 *et seq.*,
13 the Declaratory Judgment Act, 28 U.S.C. §§ 2201 and 2202, and the Copyright Act, 17 U.S.C. §§
14 101 *et seq.*

15 30. Plaintiff has consented to the personal jurisdiction of this Court by commencing its
16 action against Defendants for patent infringement in this judicial district, as set forth in Plaintiff's
17 First Amended Complaint.

18 31. Venue is proper in this judicial district pursuant to 28 U.S.C. §§ 1391(b), (c) and
19 1400(b), because a substantial part of the events giving rise to the counterclaims asserted herein
20 arise in this district, and Plaintiff, upon information and belief, is and at all relevant times was doing
21 business in this district.

22 **Free and Open Source Software**

23 32. Free and open source software ("FOSS") is software in which the source code is
24 made available to users for inspection, modification, and distribution. Generally, when a computer
25 program is authored, the programmer writes code in a human-readable programming language.
26 This code is called "source code" and can be compiled into another form, called "object code," that
27 is executable by a computer microprocessor. A software product (*e.g.*, a collection of computer
28

1 programs) can be distributed solely in object code form, which allows the software product to be
2 fully functional on a computer system but which does not enable users easily to understand or
3 modify the software. By contrast, the source code to FOSS is made available to the recipient under
4 conditions set forth in an accompanying license, which grants relatively broad rights for recipients
5 to use, copy, modify, and distribute the software, but may also limit the ways in which the code or
6 derivative works of the code can be distributed so as to benefit the broader developer community.

7 33. The benefits of the FOSS development model are widely recognized. For example,
8 in holding an open source license enforceable under copyright law, the Court of Appeals for the
9 Federal Circuit noted that “[o]pen source licensing has become a widely used method of creative
10 collaboration that serves to advance the arts and sciences in a manner and at a pace that few could
11 have imagined just a few decades ago.” *Jacobsen v. Katzer*, 535 F.3d 1373, 1378 (Fed. Cir. 2008).
12 The Federal Circuit explained that these advances depend on the conditions provided in open source
13 licenses:

14 Open Source software projects invite computer programmers from
15 around the world to view software code and make changes and
16 improvements to it. Through such collaboration, software programs
17 can often be written and debugged faster and at lower cost than if the
18 copyright holder were required to do all of the work independently. In
19 exchange and in consideration for this collaborative work, the
20 copyright holder permits users to copy, modify and distribute the
21 software code subject to conditions that serve to protect downstream
22 users and to keep the code accessible.

19 *Id.* at 1379.

20 **Red Hat and FOSS**

21 34. Red Hat is a leading contributor to FOSS, including the many software packages that
22 make up the Linux operating system. Red Hat makes source code to Linux and its other FOSS
23 software offerings freely available to anyone, subject to certain conditions. Although it makes
24 software available under open source licenses, Red Hat derives revenues from aggregating,
25 certifying, testing, enhancing, packaging, maintaining, supporting and influencing the future
26 direction of the software, among other value-added offerings.

1 available with the same freedoms that came with the original is the *quid pro quo* for having
 2 benefited from the work of other developers. That *quid pro quo* is enforced through copyright law.
 3 As Judge Easterbrook has noted, copyright law “ensures that open-source software remains free:
 4 any attempt to sell a derivative work will violate the copyright laws, even if the improver has not
 5 accepted the GPL.” *Wallace v. Int’l Bus. Machines Corp.*, 467 F.3d 1104, 1105 (7th Cir. 2006). In
 6 addition to requiring distributors of object code derived from GPL-licensed programs to provide
 7 complete corresponding source code, the GPL also requires that distributors provide their recipients
 8 with notice of the licensing terms through providing a copy of the GPL text.

9 39. When Red Hat distributes works licensed under the GPL, Red Hat grants certain
 10 permissions to other parties to copy, modify and redistribute those works so long as those parties
 11 satisfy certain conditions. In particular, Section 2(b) of the GPLv2, addressing each licensee, states:

12 You must cause any work that you distribute or publish, that in whole
 13 or in part contains or is derived from the Program or any part thereof,
 14 to be licensed as a whole at no charge to all third parties under the
 15 terms of this License.

16 40. Thus, if a licensee redistributes works licensed under the GPL (included works
 17 developed by Red Hat), it may do so only under the terms of the GPL.

18 41. The GPL permits a licensee to distribute licensed works, or works based on those
 19 works, in object code form, on the condition (*inter alia*) that the licensee gives recipients access to
 20 the source code corresponding to what they distribute. Specifically, Section 3 of the GPLv2
 21 provides:

22 You may copy and distribute the Program (or a work based on it,
 23 under Section 2) in object code or executable form under the terms of
 24 Sections 1 and 2 above provided that you also do one of the
 25 following:

- 26 a) Accompany it with the complete corresponding machine-
 27 readable source code, which must be distributed under the
 28 terms of Sections 1 and 2 above on a medium customarily
 used for software interchange; or,
 b) Accompany it with a written offer, valid for at least three
 years, to give any third party, for a charge no more than your
 cost of physically performing source distribution, a complete
 machine-readable copy of the corresponding source code, to be
 distributed under the terms of Sections 1 and 2 above on a
 medium customarily used for software interchange

1 **Red Hat's Copyright Registrations**

2 48. Red Hat has obtained registrations from the United States Copyright Office for its
3 original contributions to the "mount" program in util-linux. In particular, Red Hat is and at all
4 relevant times has been the owner of Copyright Reg. Nos. TX 7-557-456 (August 13, 2012),
5 entitled "Mount – 2.10m" and TX-7-557-458 (August 13, 2012), entitled "Mount – 2.12a." True
6 and correct copies of these registration certificates are attached hereto as Exhibit B.

7 **Twin Peaks' Improper Use of Red Hat's Source Code**

8 49. Like Red Hat, Twin Peaks distributes software that runs on the Linux operating
9 system. Unlike Red Hat, however, Twin Peaks distributes software only under a proprietary license
10 that forbids copying, and does not make any of the source code for any of its products publicly
11 available.

12 50. Twin Peaks sells, subject to its proprietary license, and without providing any source
13 code, software that it calls an "innovative replication solution." That software is branded as "TPS
14 Replication Plus."

15 51. Twin Peaks also provides a "free" version of its TPS Replication Plus software,
16 called "TPS My Mirror." This version is also provided only under a proprietary license, and also
17 without any source code or copy of the GPL.

18 52. On its website, Twin Peaks represents that the "TPS Replication Plus" and "TPS My
19 Mirror" software packages are covered by the same patent it accuses Red Hat of infringing in this
20 action (the '439 Patent).

21 53. Twin Peaks' proprietary replication software products, namely, "TPS Replication
22 Plus" and "TPS My Mirror," include, *inter alia*, a program called "mount.mfs." This program is
23 essential to make Twin Peaks' "replication solution" software usable.

24 54. On information and belief, rather than develop its own source code to create its
25 proprietary software replication products, Twin Peaks copied substantial portions of open source
26 code into those products, including source code originally authored by Red Hat. Among the code
27 Twin Peaks improperly copied was that embodied in the "mount" program released in util-linux
28

1 version 2.12a, which Twin Peaks copied into the source code for its own “mount.mfs” tool. Twin
2 Peaks’ verbatim and near-verbatim copying of open source and Red Hat source code into its
3 “mount.mfs” tool is pervasive and extensive.

4 55. By selling or providing “TPS Replication Plus” and “TPS My Mirror” under
5 proprietary license agreements and not making any of their source code available to the public,
6 Twin Peaks has failed to comply with the explicit conditions of the GPL. Twin Peaks is thus
7 illegally free-riding off of Red Hat’s contributions to util-linux, as well as the contributions of many
8 others in the FOSS community to that software.

9 56. By reproducing, copying, and distributing Red Hat’s original source code in “TPS
10 Replication Plus” and “TPS My Mirror,” without approval or authorization by Red Hat and only
11 subject to its own proprietary license agreement, Twin Peaks is infringing and has infringed Red
12 Hat’s exclusive copyrights, and likewise is inducing and has induced its customers to infringe.

13 57. Red Hat has not licensed or otherwise authorized Twin Peaks to reproduce, copy or
14 distribute Red Hat’s copyrighted source code or any works derived from it, except under the
15 conditions of the GPL, which Twin Peaks has failed to satisfy.

16 58. Accordingly, Twin Peaks’ sale and distribution of its TPS Replication Plus and TPS
17 My Mirror products infringe Red Hat’s copyrights, including those subject to Copyright Reg. Nos.
18 TX 7-557-456 and TX-7-557-458. Twin Peaks’ willful infringement of Red Hat’s copyrighted
19 software remains ongoing.

20 COUNT I

21 (Declaratory Judgment of Non-Infringement)

22 59. Defendants incorporate by reference the allegations of Paragraphs 26-31 above as
23 though fully set forth herein.

24 60. An actual case or controversy exists between Defendants and Twin Peaks as to
25 whether or not Defendants have infringed/or and are infringing the ’439 Patent.

COUNT III

(Copyright Infringement)

1
2
3 67. Red Hat incorporates by reference the allegations of Paragraphs 26-58 above as
4 though fully set forth herein.

5 68. Red Hat is, and at all relevant times has been, a copyright owner under United States
6 copyright law in its contributions to the “mount” program in util-linux. Its copyright registrations
7 for its contributions to the “mount” program include: Copyright Reg. Nos. TX 7-557-456 (August
8 13, 2012), entitled “Mount – 2.10m” and TX-7-557-458 (August 13, 2012), entitled “Mount –
9 2.12a.” .

10 69. As the copyright owner in the “mount” program, Red Hat has the exclusive rights to
11 do and to authorize any of the following: to reproduce the copyrighted work in copies; to prepare
12 derivative works based upon the copyrighted work; and to distribute copies of the copyrighted work
13 pursuant to 17 U.S.C. § 106.

14 70. Twin Peaks’ reproduction, copying, and distribution of Red Hat’s copyrighted code,
15 without approval or authorization by Red Hat, infringes Red Hat’s exclusive copyrights in its
16 contributions to the “mount” program pursuant to 17 U.S.C. § 501.

17 71. Twin Peaks’ development of software products derived from Red Hat’s copyrighted
18 code, without approval or authorization by Red Hat, infringes Red Hat’s exclusive copyrights in its
19 contributions to the “mount” program pursuant to 17 U.S.C. § 501.

20 72. Twin Peaks’ distribution of software products that contain Red Hat’s copyrighted
21 code, and which are derivative works based on Red Hat’s “mount” program, without approval or
22 authorization by Red Hat, infringes Red Hat’s exclusive copyrights in its contributions to the
23 “mount” program pursuant to 17 U.S.C. § 501.

24 73. Red Hat is entitled to recover from Twin Peaks for infringement of each copyright
25 the amount of its actual damages and any additional profits of Twin Peaks attributable to Twin
26 Peaks’ infringement pursuant to 17 U.S.C. § 504.

Exhibit “A”

The GNU General Public License

Version 2, June 1991

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Maria A. Pallante

Register of Copyrights, United States of America

Registration Number
TX 7-557-456

Effective date of registration:
August 13, 2012

Title

Title of Work: Mount - 2.10m

Completion/Publication

Year of Completion: 2000

Date of 1st Publication: May 14, 2000

Nation of 1st Publication: United States

Author

▪ Author: Red Hat, Inc.

Author Created: computer program

Work made for hire: Yes

Citizen of: United States

Domiciled in: United States

Copyright claimant

Copyright Claimant: Red Hat, Inc.

1801 Varsity Drive, Raleigh, NC, 27606, United States

Limitation of copyright claim

Material excluded from this claim: previously published and licensed code

New material included in claim: computer program, new and revised code

Certification

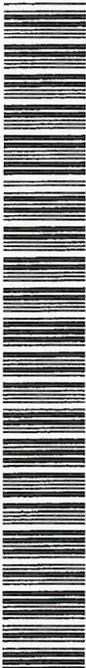
Name: Kristen McCallion

Date: August 13, 2012

Applicant's Tracking Number: 27451-0007LL1

Registration #: TX0007557456

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Maria A. Pallante

Register of Copyrights, United States of America

Registration Number
TX 7-557-458

Effective date of registration:
August 13, 2012

Title _____

Title of Work: Mount - 2.12a

Completion/Publication _____

Year of Completion: 2004

Date of 1st Publication: March 4, 2004

Nation of 1st Publication: United States

Author _____

▪ **Author:** Red Hat, Inc.

Author Created: computer program

Work made for hire: Yes

Citizen of: United States

Domiciled in: United States

Copyright claimant _____

Copyright Claimant: Red Hat, Inc.

1801 Varsity Drive, Raleigh, NC, 27606, United States

Limitation of copyright claim _____

Material excluded from this claim: previously published and licensed code

New material included in claim: computer program, new and revised code

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Name: Kristen McCallion

Date: August 13, 2012

Applicant's Tracking Number: 27451-0007LL1

Registration #: TX0007557458

Service Request #: 1-808541313



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