

1 Adam M. Silverstein (197638)
2 CAVALLUZZI & CAVALLUZZI
3 9200 Sunset Boulevard, Suite 807
4 Los Angeles, California 90069
5 Telephone: (310) 246-2601
6 Facsimile: (310) 246-2606
7 Email: adam@cavalluzzi.com
8 *Attorneys for Plaintiff*

FILED
11 AUG - 8 PM 2:40
CLERK OF DISTRICT COURT
CENTRAL DISTRICT OF CALIF.
LOS ANGELES

9
10 **UNITED STATES DISTRICT COURT
CENTRAL DISTRICT OF CALIFORNIA**

11 PATRICK COLLINS, INC.,
12 a California corporation,

13 Plaintiff,

14 vs.

15 JOHN DOES 1-10,

16 Defendants.
17
18

Case No.

SACV11-01180 JVS (AMx)

To be supplied by the Clerk of
The United States District Court

COMPLAINT

19 Plaintiff, Patrick Collins, Inc., sues John Does 1-10, and alleges:

20 **Introduction**

21
22 1. This matter arises under the United States Copyright Act of 1976, as
23 amended, 17 U.S.C. §§ 101 et seq. (the "Copyright Act").

24 2. Through this suit, Plaintiff alleges each Defendant is liable for:

- 25
26 • Direct copyright infringement in violation of 17 U.S.C. §§ 106 and 501;

27 and
28

- Contributory copyright infringement.

Jurisdiction And Venue

3. This Court has subject matter jurisdiction over this action pursuant to 28 U.S.C. § 1331 (federal question); and 28 U.S.C. § 1338 (patents, copyrights, trademarks and unfair competition).

4. As set forth on Exhibit A, each of the Defendants' acts of copyright infringement occurred using an Internet Protocol address ("IP address") traced to a physical address located within this District, and therefore pursuant to Cal. Civ. Proc. Code § 410.10, this Court has personal jurisdiction over each Defendant because each Defendant committed the tortious conduct alleged in this Complaint in the State of California, and (a) each Defendant resides in the State of California, and/or (b) each Defendant has engaged in continuous and systematic business activity in the State of California.

5. Venue is proper in this District pursuant to 28 U.S.C. § 1391(b) and (c), because: (i) a substantial part of the events or omissions giving rise to the claims occurred in this District; and, (ii) a Defendant resides (and therefore can be found) in this District and all of the Defendants reside in this State; additionally, venue is proper in this District pursuant 28 U.S.C. § 1400(a) (venue for copyright cases) because each Defendant or each Defendant's agent resides or may be found in this District.

Parties

1
2 6. Plaintiff is a corporation organized and existing under the laws of the
3 State of California and has its principal place of business located at 8015 Deering
4 Avenue, Canoga Park, California.

5
6 7. Each Defendant is known to Plaintiff only by an IP address.

7
8 8. An IP address is a number that is assigned by an Internet Service
9 Provider (an "ISP") to devices, such as computers, that are connected to the Internet.

10 9. The ISP to which each Defendant subscribes can correlate the
11 Defendant's IP address to the Defendant's true identity.

12
13 **Joinder**

14 10. Pursuant to Fed. R. Civ. P. 20(a)(2), each of the Defendants was
15 properly joined because, as set forth in more detail below, Plaintiff asserts that: (a)
16 each of the Defendants is jointly and severally liable for the infringing activities of
17 each of the other Defendants, and (b) the infringement complained of herein by each
18 of the Defendants was part of the same series of transaction, involving the exact
19 same piece of Plaintiff's copyrighted Work, and was accomplished by the
20 Defendants acting in concert with each other, and (c) there are common questions of
21 law and fact; indeed, the claims against each of the Defendants are identical and each
22 of the Defendants used the BitTorrent protocol to infringe Plaintiff's copyrighted
23 Work.
24
25
26
27
28

Factual Background

I. Plaintiff Owns the Copyright to a Motion Picture

11. On or about May 26, 2011, Plaintiff submitted an application for Copyright Registration (Service Request Number 1-614552711) for the motion picture titled "Gangbanged" (the "Work").

12. A copy of the application for Copyright Registration evidencing, among other things, Plaintiff's ownership of the Work, application and the application date is attached as Exhibit B.

II. Defendants Used BitTorrent To Infringe Plaintiff's Copyright

13. BitTorrent is one of the most common peer-to-peer file sharing protocols (in other words, set of computer rules) used for distributing large amounts of data; indeed, it has been estimated that users using the BitTorrent protocol on the internet account for over a quarter of all internet traffic. The creators and users of BitTorrent developed their own lexicon for use when talking about BitTorrent; a copy of the BitTorrent vocabulary list posted on www.Wikipedia.com is attached as Exhibit C.

14. The BitTorrent protocol's popularity stems from its ability to distribute a large file without creating a heavy load on the source computer and network. In short, to reduce the load on the source computer, rather than downloading a file from a single source computer (one computer directly connected to another), the BitTorrent protocol allows users to join a "swarm" of host computers to download

1 and upload from each other simultaneously (one computer connected to numerous
2 computers).

3 *A. Each Defendant Installed a BitTorrent Client onto his or her Computer*

4 15. Each Defendant installed a BitTorrent Client onto his or her computer.

5 16. A BitTorrent "Client" is a software program that implements the
6 BitTorrent protocol. There are numerous such software programs including μ Torrent
7 and Vuze, both of which can be directly downloaded from the internet. See
8 www.utorrent.com and http://new.vuze-downloads.com/.
9

10 17. Once installed on a computer, the BitTorrent "Client" serves as the
11 user's interface during the process of uploading and downloading data using the
12 BitTorrent protocol.
13

14 *B. The Initial Seed, Torrent, Hash and Tracker*

15 18. A BitTorrent user that wants to upload a new file, known as an "initial
16 seeder," starts by creating a "torrent" descriptor file using the Client he or she
17 installed onto his or her computer.
18

19 19. The Client takes the target computer file, the "initial seed," here the
20 copyrighted Work, and divides it into identically sized groups of bits known as
21 "pieces."
22

23 20. The Client then gives each one of the computer file's pieces, in this
24 case, pieces of the copyrighted Work, a random and unique alphanumeric identifier
25 known as a "hash" and records these hash identifiers in the torrent file.
26
27
28

1 21. When another peer later receives a particular piece, the hash identifier
2 for that piece is compared to the hash identifier recorded in the torrent file for that
3 piece to test that the piece is error-free. In this way, the hash identifier works like an
4 electronic fingerprint to identify the source and origin of the piece and that the piece
5 is authentic and uncorrupted.
6

7 22. Torrent files also have an "announce" section, which specifies the URL
8 (Uniform Resource Locator) of a "tracker," and an "info" section, containing
9 (suggested) names for the files, their lengths, the piece length used, and the hash
10 identifier for each piece, all of which are used by Clients on peer computers to verify
11 the integrity of the data they receive.
12
13

14 23. The "tracker" is a computer or set of computers that a torrent file
15 specifies and to which the torrent file provides peers with the URL address(es).
16

17 24. The tracker computer or computers direct a peer user's computer to
18 other peer user's computers that have particular pieces of the file, here the
19 copyrighted Work, on them and facilitates the exchange of data among the
20 computers.
21

22 25. Depending on the BitTorrent Client, a tracker can either be a dedicated
23 computer (centralized tracking) or each peer can act as a tracker (decentralized
24 tracking).
25

26 C. Torrent Sites

27 26. "Torrent sites" are websites that index torrent files that are currently
28

1 being made available for copying and distribution by people using the BitTorrent
2 protocol. There are numerous torrent websites, including www.TorrentZap.com,
3 www.Btscene.com, and www.ExtraTorrent.com.
4

5 27. Upon information and belief, each Defendant went to a torrent site to
6 upload and download Plaintiff's copyrighted Work.

7 *D. Uploading and Downloading a Work Through a BitTorrent Swarm*
8

9 28. Once the initial seeder has created a torrent and uploaded it onto one or
10 more torrent sites then other peers begin to download and upload the computer file
11 to which the torrent is linked (here the copyrighted Work) using the BitTorrent
12 protocol and BitTorrent Client that the peers installed on their computers.
13

14 29. The BitTorrent protocol causes the initial seed's computer to send
15 different pieces of the computer file, here the copyrighted Work, to the peers seeking
16 to download the computer file.
17

18 30. Once a peer receives a piece of the computer file, here a piece of the
19 Copyrighted Work, it starts transmitting that piece to the other peers.
20

21 31. In this way, all of the peers and seeders are working together in what is
22 called a "swarm."
23

24 32. Here, each Defendant peer member participated in the same swarm and
25 directly interacted and communicated with other members of that swarm through
26 digital handshakes, the passing along of computer instructions, uploading and
27 downloading, and by other types of transmissions. A print out of a computer screen
28

1 illustrating the type of interactions between and among peers and seeders in a typical
2 swarm is attached as Exhibit D.

3 33. In this way, and by way of example only, one initial seeder can create a
4
5 torrent that breaks a movie up into hundreds or thousands of pieces saved in the form
6 of a computer file, like the Work here, upload the torrent onto a torrent site, and
7 deliver a different piece of the copyrighted Work to each of the peers. The recipient
8
9 peers then automatically begin delivering the piece they just received to the other
10 peers in the same swarm.

11 34. Once a peer, here a Defendant, has downloaded the full file, the
12 BitTorrent Client reassembles the pieces and the peer is able to view the movie.
13 Also, once a peer has downloaded the full file, that peer becomes known as “an
14 additional seed” because it continues to distribute the torrent file, here the
15 copyrighted Work.
16
17

18 E. Plaintiff’s Computer Investigators Identified Each of the Defendants’ IP
19 Addresses as Participants in a Swarm That Was Distributing Plaintiff’s
20 Copyrighted Work

21 36. Plaintiff retained IPP, Limited (“IPP”) to identify the IP addresses that
22 are being used by those people that are using the BitTorrent protocol and the internet
23 to reproduce, distribute, display or perform Plaintiffs’ copyrighted works.
24

25 37. IPP used forensic software named INTERNATIONAL IPTRACKER
26 v1.2.1 and related technology enabling the scanning of peer-to-peer networks for the
27 presence of infringing transactions.
28

1 38. IPP extracted the resulting data emanating from the investigation,
2 reviewed the evidence logs, and isolated the transactions and the IP addresses
3 associated therewith for the file identified by the SHA-1 hash value of
4 8F7C963137369F5A874A32E468C1D432DAF0B859, (the “Unique Hash
5 Number”).
6

7 39. The IP addresses, Unique Hash Number and hit dates contained on
8 Exhibit A accurately reflect what is contained in the evidence logs, and show:
9

10 (A) Each Defendant had copied a piece of Plaintiff’s copyrighted Work
11 identified by the Unique Hash Number; and
12

13 (B) Therefore, each Defendant was part of the same series of transactions.

14 40. Through each of the transactions, each of the Defendant’s computers
15 used their identified IP addresses to connect to the investigative server from a
16 computer in this District in order to transmit a full copy, or a portion thereof, of a
17 digital media file identified by the Unique Hash Number.
18

19 41. IPP’s agent analyzed each BitTorrent “piece” distributed by each IP
20 address listed on Exhibit A and verified that re-assembly of the pieces using a
21 BitTorrent Client results in a fully playable digital motion picture of the Work.
22

23 42. IPP’s agent viewed the Work side-by-side with the digital media file
24 that correlates to the Unique Hash Number and determined that they were identical,
25 strikingly similar or substantially similar.
26
27
28

Miscellaneous

1
2 43. All conditions precedent to bringing this action have occurred or been
3 waived.

4
5 44. Plaintiff retained counsel to represent it in this matter and is obligated to
6 pay said counsel a reasonable fee for its services.

7
8 **COUNT I**
Direct Infringement Against Does 1-10.

9 45. The allegations contained in paragraphs 1-44 are hereby re-alleged as if
10 fully set forth herein.

11
12 46. Plaintiff is the owner of the Registration for the Work which contains an
13 original work of authorship.

14 47. By using the BitTorrent protocol and a BitTorrent Client and the
15 processes described above, each Defendant copied the constituent elements of the
16 registered Work that are original.

17
18 48. Plaintiff did not authorize, permit or consent to Defendants' copying of
19 its Work.

20
21 49. As a result of the foregoing, each Defendant violated Plaintiff's
22 exclusive right to:

23
24 (A) Reproduce the Work in copies, in violation of 17 U.S.C. §§ 106(1) and
25 501;

26 (B) Redistribute copies of the Work to the public by sale or other transfer of
27
28

1 ownership, or by rental, lease or lending, in violation of 17 U.S.C. §§ 106(3) and
2 501;

3 (C) Perform the copyrighted Work, in violation of 17 U.S.C. §§ 106(4) and
4
5 501, by showing the Work's images in any sequence and/or by making the sounds
6 accompanying the Work audible and transmitting said performance of the Work, by
7 means of a device or process, to members of the public capable of receiving the
8
9 display (as set forth in 17 U.S.C. § 101's definitions of "perform" and "publically"
10 perform); and

11 (D) Display the copyrighted Work, in violation of 17 U.S.C. §§ 106(5) and
12
13 501, by showing individual images of the Work nonsequentially and transmitting
14 said display of the Work by means of a device or process to members of the public
15 capable of receiving the display (as set forth in 17 U.S.C. § 101's definition of
16
17 "publically" display).

18 50. Each of the Defendants' infringements was committed "willfully"
19
20 within the meaning of 17 U.S.C. § 504(c)(2).

21 51. Plaintiff has suffered actual damages that were proximately caused by
22 each of the Defendants including lost sales, price erosion and a diminution of the
23
24 value of its copyright.

25 WHEREFORE, Plaintiff respectfully requests that the Court:

26 (A) Permanently enjoin each Defendant and all other persons who are in
27
28 active concert or participation with each Defendant from continuing to infringe

1 Plaintiff's copyrighted Work;

2 (B) Order that each Defendant delete and permanently remove the torrent
3 file relating to Plaintiff's copyrighted Work from each of the computers under each
4 such Defendant's possession, custody or control;

6 (C) Order that each Defendant delete and permanently remove the copy of
7 the Work each Defendant has on the computers under Defendant's possession,
8 custody or control;

10 (D) Award Plaintiff either its actual damages and any additional profits of
11 the Defendant pursuant to 17 U.S.C. § 504-(a)-(b); or statutory damages in the
12 amount of \$150,000 per Defendant pursuant to 17 U.S.C. § 504-(a) and (c);

14 (E) Award Plaintiff its reasonable attorneys' fees and costs pursuant to 17
15 U.S.C. § 505; and

17 (F) Grant Plaintiff any other and further relief this Court deems just and
18 proper.

19 **COUNT II**

20 **Contributory Infringement Against Does 1-10.**

21 52. The allegations contained in paragraphs 1-44 are hereby re-alleged as if
22 fully set forth herein.

24 53. Plaintiff is the owner of the Registration for the Work which contains an
25 original work of authorship.

27 54. By using the BitTorrent protocol and a BitTorrent Client and the
28

1 processes described above, each Defendant copied the constituent elements of the
2 registered Work that are original.

3 55. By participating in the BitTorrent swarm with the other Defendants,
4 each Defendant induced, caused or materially contributed to the infringing conduct
5 of each other Defendant.
6

7 56. Plaintiff did not authorize, permit or consent to Defendants' inducing,
8 causing or materially contributing to the infringing conduct of each other Defendant.
9

10 57. Each Defendant knew or should have known that other BitTorrent users,
11 here the other Defendants, would become members of a swarm with Defendant.
12

13 58. Each Defendant knew or should have known that other BitTorrent users
14 in a swarm with it, here the other Defendants, were directly infringing Plaintiff's
15 copyrighted Work by copying constituent elements of the registered Work that are
16 original.
17

18 59. Indeed, each Defendant directly participated in and therefore materially
19 contributed to each other Defendant's infringing activities.
20

21 60. Each of the Defendants' contributory infringements were committed
22 "willfully" within the meaning of 17 U.S.C. § 504(c)(2).
23

24 61. Plaintiff has suffered actual damages that were proximately caused by
25 each of the Defendants including lost sales, price erosion, and a diminution of the
26 value of its copyright.
27

1 WHEREFORE, Plaintiff respectfully requests that the Court:

2 (A) Permanently enjoin each Defendant and all other persons who are in
3 active concert or participation with each Defendant from continuing to infringe
4 Plaintiff's copyrighted Work;
5

6 (B) Order that each Defendant delete and permanently remove the torrent
7 file relating to Plaintiff's copyrighted Work from each of the computers under each
8 such Defendant's possession, custody or control;
9

10 (C) Order that each Defendant delete and permanently remove the copy of
11 the Work each Defendant has on the computers under Defendant's possession,
12 custody or control;
13

14 (D) Find that each Defendant is jointly and severally liable for the direct
15 infringement of each other Defendant;
16

17 (E) Award Plaintiff either its actual damages and any additional profits
18 made by each Defendant pursuant to 17 U.S.C. § 504-(a)-(b); or statutory damages in
19 the amount of \$150,000 per Defendant pursuant to 17 U.S.C. § 504-(a) and (c);
20

21 (F) Award Plaintiff its reasonable attorneys' fees and costs pursuant to 17
22 U.S.C. § 505; and
23

24 (G) Grant Plaintiff any other and further relief this Court deems just and
25 proper.
26
27
28

DEMAND FOR A JURY TRIAL

Plaintiff hereby demands a trial by jury on all issues so triable.

Respectfully submitted,

By: /s/ Adam M. Silverstein
Adam M. Silverstein (197638)
CAVALLUZZI & CAVALLUZZI
9200 Sunset Boulevard, Suite 807
Los Angeles, California 90069
Telephone: (310) 246-2601
Facsimile: (310) 246-2606
Email: adam@cavalluzzi.com
Attorneys for Plaintiff

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

SHA-1 Hash: 8F7C963137369F5A874A32E468C1D432DAF0B859

Title: Gangbanged

DOE#	IP	Hit date (UTC)	City	State	ISP	Network
1	24.205.61.153	5/24/2011 5:35	Burbank	CA	Charter Communications	BitTorrent
2	71.80.174.104	5/25/2011 5:38	Burbank	CA	Charter Communications	BitTorrent
3	68.231.192.186	6/30/2011 21:00	Laguna Niguel	CA	Cox Communications	BitTorrent
4	70.181.89.165	6/25/2011 8:04	Laguna Hills	CA	Cox Communications	BitTorrent
5	66.27.202.160	6/16/2011 5:53	Redondo Beach	CA	Road Runner	BitTorrent
6	76.172.12.36	5/21/2011 17:26	Woodland Hills	CA	Road Runner	BitTorrent
7	76.89.210.115	6/17/2011 16:05	Redondo Beach	CA	Road Runner	BitTorrent
8	76.90.21.225	6/9/2011 4:14	Newport Beach	CA	Road Runner	BitTorrent
9	75.38.4.118	6/23/2011 6:14	Pasadena	CA	SBC Internet Services	BitTorrent
10	75.56.203.98	6/18/2011 20:47	Beverly Hills	CA	SBC Internet Services	BitTorrent

EXHIBIT A

CCA8

-APPLICATION-

Title _____

Title of Work: GANGBANGED

Completion/Publication _____

Year of Completion: 2011

Date of 1st Publication: March 26, 2011

Nation of 1st Publication: United States

Author _____

▪ Author: PATRICK COLLINS, INC.

Author Created: entire motion picture

Work made for hire: Yes

Citizen of: United States

Domiciled in: United States

Copyright claimant _____

Copyright Claimant: PATRICK COLLINS, INC.

8015 DEERING AVE., CANOGA PARK, CA, 91304, United States

Certification _____

Name: PATRICK COLLINS

Date: May 26, 2011

EXHIBIT B

Registration #:

Service Request #: 1-614552711

Priority: Routine

Application Date: May 26, 2011 08:00:55 PM

Correspondent _____

Name: KAREN QUINNELL

Email: karen@elegantangel.com

Telephone: 818-704-2673

Address: 8015 DEERING AVE.
CANOGA PARK, CA 91304 United States

Fax: 818-704-2688

Mail Certificate _____

PATRICK COLLINS, INC.
8015 DEERING AVE.
CANOGA PARK, CA 91304 United States

BitTorrent vocabulary

From Wikipedia, the free encyclopedia
(Redirected from Terminology of BitTorrent)

This list explains terms used when discussing **BitTorrent clients**, and in particular the BitTorrent protocol used by these clients.

Common BitTorrent terms

Announce

Same as "scrape" (see below), but a client also announces that it wants to join the swarm and that the server should add it to the list of peers in that swarm.

Availability

(Also known as distributed copies.) The number of full copies of the file available to the client. Each seed adds 1.0 to this number, as they have one complete copy of the file. A connected peer with a fraction of the file available adds that fraction to the availability, if no other peer has this part of the file.

Example: a peer with 65.3% of the file downloaded increases the availability by 0.653. However, if two peers both have the same portion of the file downloaded - say 50% - and there is only one seeder, the availability is 1.5.

Choked

Describes a peer to whom the client refuses to send file pieces. A client *chokes* another client in several situations:

- The second client is a *seed*, in which case it does not want any pieces (i.e., it is completely *uninterested*)
- The client is already uploading at its full capacity (it has reached the value of `max_uploads`)
- The second client has been blacklisted for being abusive or is using a blacklisted BitTorrent client.

Client

The program that enables p2p file sharing via the BitTorrent protocol. Examples of clients include μ Torrent and Vuze.

Downloader

A *downloader* is any peer that does not have the entire file and is downloading the file. This term, used in Bram Cohen's Python implementation, lacks the negative connotation attributed to *leech*. Bram prefers *downloader* to *leech* because BitTorrent's tit-for-tat ensures downloaders also upload and thus do not unfairly qualify as *leeches*.

EXHIBIT C

End Game

BitTorrent has a couple of download strategies for initializing a download, downloading normally among the middle of the torrent, and downloading the last few pieces (see below) of a torrent. Typically, the last download pieces arrive more slowly than the others since the faster and more easily accessible pieces should have already been obtained, so to prevent this, the BitTorrent client attempts to get the last missing pieces from all of its peers. Upon receiving a piece, a cancel request command is sent to other peers.

Fake

A fake torrent is a torrent that does not contain what is specified in its name or description (i.e. a torrent is said to contain a video, but it contains only a snapshot of a moment in the video, or in some cases a virus).

Hash

The hash is a string of alphanumeric characters in the .torrent file that the client uses to verify the data that is being transferred. It contains information like the file list, sizes, pieces, etc. Every piece received is first checked against the hash. If it fails verification, the data is discarded and requested again. The 'Hash Fails' field in the torrent's General tab shows the number of these hash fails.

Hash checks greatly reduce the chance that invalid data is incorrectly identified as valid by the BitTorrent client, but it is still possible for invalid data to have the same hash value as the valid data and be treated as such. This is known as a hash collision.

Health

Health is shown in a bar or in % usually next to the torrents name and size, on the site where the .torrent file is hosted. It shows if all pieces of the torrent are available to download (i.e. 50% means that only half of the torrent is available).

Index

An *index* is a list of .torrent files (usually including descriptions and other information) managed by a website and available for searches. An *index* website can also be a *tracker*.

Interested

Describes a downloader who wishes to obtain pieces of a file the client has. For example, the uploading client would flag a downloading client as 'interested' if that client did not possess a piece that it did, and wished to obtain it.

Leech

A *leech* is a term with two meanings. Usually it is used to refer a *peer* who has a negative effect on the swarm by having a very poor share ratio (downloading much more than they upload). Most leeches are users on asymmetric internet connections and do not leave their BitTorrent client open

to seed the file after their download has completed. However, some leeches intentionally avoid uploading by using modified clients or excessively limiting their upload speed. The often used second meaning of *leech* is synonymous with *downloader* (see above): used simply to describe a *peer* or any client that does not have 100% of the data. This alternative meaning was mainly introduced by most BitTorrent tracker sites.

Lurker

A *lurker* is a user that only downloads files from the group but does not add new content. It does not necessarily mean that the lurker will not seed. Not to be confused with a *leecher*.

p2p

Stands for "peer to peer", which is the technology used for file sharing among computer users over the internet. In a p2p network, each node (or computer on the network) acts as both a client and a server. In other words, each computer is capable of both sending and receiving data.

Peer

A *peer* is one instance of a BitTorrent client running on a computer on the Internet to which other clients connect and transfer data. Usually a *peer* does not have the complete file, but only parts of it. However, in the colloquial definition, "peer" can be used to refer to any participant in the swarm (in this case, it's synonymous with "client").

Piece

This refers to the torrented files being divided up into equal specific sized pieces (e.g. 512Kb, 1Mb). The pieces are distributed in a random fashion among peers in order to optimize trading efficiency.

Ratio credit

A *ratio credit*, also known as *upload credit* or *ratio economy*, is a currency system used on a number of private trackers to provide an incentive for higher upload/download ratios among member file-sharers. In such a system, those users who have greater amounts of bandwidth, hard drive space (particularly seedboxes) or idle computer uptime are at a greater advantage to accumulate ratio credits versus those who are lacking in any one or more of the same resources.

Scrape

This is when a client sends a request to the tracking server for information about the statistics of the torrent, such as with whom to share the file and how well those other users are sharing.

Seeder

A *seeder* is a *peer* that has an entire copy of the torrent and offers it for upload. The more *seeders* there are, the better the chances of getting a higher download speed. If the seeder seeds the whole copy of the download, they should get faster downloads.

Share ratio

A user's share ratio for any individual torrent is a number determined by dividing the amount of data that user has uploaded by the amount of data they have downloaded. Final share ratios over 1 carry a positive connotation in the BitTorrent community, because they indicate that the user has sent more data to other users than they received. Likewise, share ratios under 1 have negative connotation.

Snubbed

An uploading client is flagged as *snubbed* if the downloading client has not received any data from it in over 60 seconds.

Super-seeding

When a file is new, much time can be wasted because the seeding client might send the same file piece to many different peers, while other pieces have not yet been downloaded at all. Some clients, like ABC, Vuze, BitTornado, TorrentStorm, and μ Torrent have a "super-seed" mode, where they try to only send out pieces that have never been sent out before, theoretically making the initial propagation of the file much faster. However the super-seeding becomes substantially less effective and may even reduce performance compared to the normal "rarest first" model in cases where some peers have poor or limited connectivity. This mode is generally used only for a new torrent, or one which must be re-seeded because no other seeds are available.

Swarm

Main article: segmented downloading

Together, all *peers* (including *seeders*) sharing a *torrent* are called a *swarm*. For example, six ordinary *peers* and two *seeders* make a *swarm* of eight.

Torrent

A *torrent* can mean either a `.torrent` metadata file or all files described by it, depending on context. The *torrent file* contains metadata about all the files it makes downloadable, including their names and sizes and checksums of all pieces in the *torrent*. It also contains the address of a *tracker* that coordinates communication between the peers in the swarm.

Tracker

A *tracker* is a server that keeps track of which seeds and peers are in the swarm. Clients report information to the tracker periodically and in exchange, receive information about other clients to which they can connect. The tracker is not directly involved in the data transfer and does not have a copy of the file.

See also

Retrieved from "http://en.wikipedia.org/wiki/BitTorrent_vocabulary"
Categories: BitTorrent | Lexis

-
- This page was last modified on 22 February 2011 at 15:22.
 - Text is available under the Creative Commons Attribution-ShareAlike License; additional terms may apply. See Terms of Use for details.
- Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-profit organization.

UNITED STATES DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA
CIVIL COVER SHEET

I (a) PLAINTIFFS (Check box if you are representing yourself <input type="checkbox"/>) PATRICK COLLINS, INC., a California Corporation	DEFENDANTS JOHN DOES 1-10
(b) Attorneys (Firm Name, Address and Telephone Number. If you are representing yourself, provide same.) Adam M. Silverstein CAVALLUZZI & CAVALLUZZI 9200 Sunset Blvd., Suite 807, Los Angeles, CA 90069	Attorneys (If Known)

II. BASIS OF JURISDICTION (Place an X in one box only.) <input type="checkbox"/> 1 U.S. Government Plaintiff <input checked="" type="checkbox"/> 3 Federal Question (U.S. Government Not a Party) <input type="checkbox"/> 2 U.S. Government Defendant <input type="checkbox"/> 4 Diversity (Indicate Citizenship of Parties in Item III)	III. CITIZENSHIP OF PRINCIPAL PARTIES - For Diversity Cases Only (Place an X in one box for plaintiff and one for defendant.) <table style="width:100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">PTF</td> <td style="text-align: center;">DEF</td> <td></td> <td style="text-align: center;">PTF</td> <td style="text-align: center;">DEF</td> </tr> <tr> <td>Citizen of This State</td> <td style="text-align: center;"><input type="checkbox"/> 1</td> <td style="text-align: center;"><input type="checkbox"/> 1</td> <td>Incorporated or Principal Place of Business in this State</td> <td style="text-align: center;"><input type="checkbox"/> 4</td> <td style="text-align: center;"><input type="checkbox"/> 4</td> </tr> <tr> <td>Citizen of Another State</td> <td style="text-align: center;"><input type="checkbox"/> 2</td> <td style="text-align: center;"><input type="checkbox"/> 2</td> <td>Incorporated and Principal Place of Business in Another State</td> <td style="text-align: center;"><input type="checkbox"/> 5</td> <td style="text-align: center;"><input type="checkbox"/> 5</td> </tr> <tr> <td>Citizen or Subject of a Foreign Country</td> <td style="text-align: center;"><input type="checkbox"/> 3</td> <td style="text-align: center;"><input type="checkbox"/> 3</td> <td>Foreign Nation</td> <td style="text-align: center;"><input type="checkbox"/> 6</td> <td style="text-align: center;"><input type="checkbox"/> 6</td> </tr> </table>		PTF	DEF		PTF	DEF	Citizen of This State	<input type="checkbox"/> 1	<input type="checkbox"/> 1	Incorporated or Principal Place of Business in this State	<input type="checkbox"/> 4	<input type="checkbox"/> 4	Citizen of Another State	<input type="checkbox"/> 2	<input type="checkbox"/> 2	Incorporated and Principal Place of Business in Another State	<input type="checkbox"/> 5	<input type="checkbox"/> 5	Citizen or Subject of a Foreign Country	<input type="checkbox"/> 3	<input type="checkbox"/> 3	Foreign Nation	<input type="checkbox"/> 6	<input type="checkbox"/> 6
	PTF	DEF		PTF	DEF																				
Citizen of This State	<input type="checkbox"/> 1	<input type="checkbox"/> 1	Incorporated or Principal Place of Business in this State	<input type="checkbox"/> 4	<input type="checkbox"/> 4																				
Citizen of Another State	<input type="checkbox"/> 2	<input type="checkbox"/> 2	Incorporated and Principal Place of Business in Another State	<input type="checkbox"/> 5	<input type="checkbox"/> 5																				
Citizen or Subject of a Foreign Country	<input type="checkbox"/> 3	<input type="checkbox"/> 3	Foreign Nation	<input type="checkbox"/> 6	<input type="checkbox"/> 6																				

IV. 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 (specify):
 6 Multi-District Litigation
 7 Appeal to District Judge from Magistrate Judge

V. REQUESTED IN COMPLAINT: JURY DEMAND: Yes No (Check 'Yes' only if demanded in complaint.)

CLASS ACTION under F.R.C.P. 23: Yes No
 MONEY DEMANDED IN COMPLAINT: \$ 150,000. each Defendant

VI. CAUSE OF ACTION (Cite the U.S. Civil Statute under which you are filing and write a brief statement of cause. Do not cite jurisdictional statutes unless diversity.)

17 U.S.C. Section 106

VII. NATURE OF SUIT (Place an X in one box only.)

OTHER STATUTES	CONTRACT	TORTS	TORTS	PRISONER	LABOR
<input type="checkbox"/> 400 State Reapportionment <input type="checkbox"/> 410 Antitrust <input type="checkbox"/> 430 Banks and Banking <input type="checkbox"/> 450 Commerce/ICC Rates/etc. <input type="checkbox"/> 460 Deportation <input type="checkbox"/> 470 Racketeer Influenced and Corrupt Organizations <input type="checkbox"/> 480 Consumer Credit <input type="checkbox"/> 490 Cable/Sat TV <input type="checkbox"/> 810 Selective Service <input type="checkbox"/> 850 Securities/Commodities/Exchange <input type="checkbox"/> 875 Customer Challenge 12 USC 3410 <input type="checkbox"/> 890 Other Statutory Actions <input type="checkbox"/> 891 Agricultural Act <input type="checkbox"/> 892 Economic Stabilization Act <input type="checkbox"/> 893 Environmental Matters <input type="checkbox"/> 894 Energy Allocation Act <input type="checkbox"/> 895 Freedom of Info. Act <input type="checkbox"/> 900 Appeal of Fee Determination Under Equal Access to Justice <input type="checkbox"/> 950 Constitutionality of State Statutes	<input type="checkbox"/> 110 Insurance <input type="checkbox"/> 120 Marine <input type="checkbox"/> 130 Miller Act <input type="checkbox"/> 140 Negotiable Instrument <input type="checkbox"/> 150 Recovery of Overpayment & Enforcement of Judgment <input type="checkbox"/> 151 Medicare Act <input type="checkbox"/> 152 Recovery of Defaulted Student Loan (Excl. Veterans) <input type="checkbox"/> 153 Recovery of Overpayment of Veteran's Benefits <input type="checkbox"/> 160 Stockholders' Suits <input type="checkbox"/> 190 Other Contract <input type="checkbox"/> 195 Contract Product Liability <input type="checkbox"/> 196 Franchise <input type="checkbox"/> 210 Land Condemnation <input type="checkbox"/> 220 Foreclosure <input type="checkbox"/> 230 Rent Lease & Ejectment <input type="checkbox"/> 240 Torts to Land <input type="checkbox"/> 245 Tort Product Liability <input type="checkbox"/> 290 All Other Real Property	PERSONAL INJURY <input type="checkbox"/> 310 Airplane <input type="checkbox"/> 315 Airplane Product Liability <input type="checkbox"/> 320 Assault, Libel & Slander <input type="checkbox"/> 330 Fed. Employers' Liability <input type="checkbox"/> 340 Marine <input type="checkbox"/> 345 Marine Product Liability <input type="checkbox"/> 350 Motor Vehicle <input type="checkbox"/> 355 Motor Vehicle Product Liability <input type="checkbox"/> 360 Other Personal Injury <input type="checkbox"/> 362 Personal Injury-Med Malpractice <input type="checkbox"/> 365 Personal Injury-Product Liability <input type="checkbox"/> 368 Asbestos Personal Injury Product Liability IMMIGRATION <input type="checkbox"/> 462 Naturalization Application <input type="checkbox"/> 463 Habeas Corpus-Alien Detainee <input type="checkbox"/> 465 Other Immigration Actions	PERSONAL PROPERTY <input type="checkbox"/> 370 Other Fraud <input type="checkbox"/> 371 Truth in Lending <input type="checkbox"/> 380 Other Personal Property Damage <input type="checkbox"/> 385 Property Damage Product Liability BANKRUPTCY <input type="checkbox"/> 422 Appeal 28 USC 158 <input type="checkbox"/> 423 Withdrawal 28 USC 157 CIVIL RIGHTS <input type="checkbox"/> 441 Voting <input type="checkbox"/> 442 Employment <input type="checkbox"/> 443 Housing/Accommodations <input type="checkbox"/> 444 Welfare <input type="checkbox"/> 445 American with Disabilities - Employment <input type="checkbox"/> 446 American with Disabilities - Other <input type="checkbox"/> 440 Other Civil Rights	PETITIONS <input type="checkbox"/> 510 Motions to Vacate Sentence Habeas Corpus <input type="checkbox"/> 530 General <input type="checkbox"/> 535 Death Penalty <input type="checkbox"/> 540 Mandamus/Other <input type="checkbox"/> 550 Civil Rights <input type="checkbox"/> 555 Prison Condition FORFEITURE / PENALTY <input type="checkbox"/> 610 Agriculture <input type="checkbox"/> 620 Other Food & Drug <input type="checkbox"/> 625 Drug Related Seizure of Property 21 USC 881 <input type="checkbox"/> 630 Liquor Laws <input type="checkbox"/> 640 R.R. & Truck <input type="checkbox"/> 650 Airline Regs <input type="checkbox"/> 660 Occupational Safety /Health <input type="checkbox"/> 690 Other	<input type="checkbox"/> 710 Fair Labor Standards Act <input type="checkbox"/> 720 Labor/Mgmt. Relations <input type="checkbox"/> 730 Labor/Mgmt. Reporting & Disclosure Act <input type="checkbox"/> 740 Railway Labor Act <input type="checkbox"/> 790 Other Labor Litigation <input type="checkbox"/> 791 Empl. Ret. Inc. Security Act PROPERTY RIGHTS <input checked="" type="checkbox"/> 820 Copyrights <input type="checkbox"/> 830 Patent <input type="checkbox"/> 840 Trademark SOCIAL SECURITY <input type="checkbox"/> 861 HIA (1395ff) <input type="checkbox"/> 862 Black Lung (923) (405(g)) <input type="checkbox"/> 864 SSID Title XVI <input type="checkbox"/> 865 RSI (405(g)) FEDERAL TAX SUITS <input type="checkbox"/> 870 Taxes (U.S. Plaintiff or Defendant) <input type="checkbox"/> 871 IRS-Third Party 26 USC 7609

SACV11-01180

FOR OFFICE USE ONLY: Case Number: _____

AFTER COMPLETING THE FRONT SIDE OF FORM CV-71, COMPLETE THE INFORMATION REQUESTED BELOW.

UNITED STATES DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA
CIVIL COVER SHEET

VIII(a). IDENTICAL CASES: Has this action been previously filed in this court and dismissed, remanded or closed? No Yes

If yes, list case number(s): _____

VIII(b). RELATED CASES: Have any cases been previously filed in this court that are related to the present case? No Yes

If yes, list case number(s): _____

Civil cases are deemed related if a previously filed case and the present case:

- (Check all boxes that apply) A. Arise from the same or closely related transactions, happenings, or events; or
 B. Call for determination of the same or substantially related or similar questions of law and fact; or
 C. For other reasons would entail substantial duplication of labor if heard by different judges; or
 D. Involve the same patent, trademark or copyright, and one of the factors identified above in a, b or c also is present.

IX. VENUE: (When completing the following information, use an additional sheet if necessary.)

(a) List the County in this District; California County outside of this District; State if other than California; or Foreign Country, in which EACH named plaintiff resides.
 Check here if the government, its agencies or employees is a named plaintiff. If this box is checked, go to item (b).

County in this District:*	California County outside of this District; State, if other than California; or Foreign Country
Los Angeles County	

(b) List the County in this District; California County outside of this District; State if other than California; or Foreign Country, in which EACH named defendant resides.
 Check here if the government, its agencies or employees is a named defendant. If this box is checked, go to item (c).

County in this District:*	California County outside of this District; State, if other than California; or Foreign Country
See attached sheet.	<i>VE</i>

(c) List the County in this District; California County outside of this District; State if other than California; or Foreign Country, in which EACH claim arose.
Note: In land condemnation cases, use the location of the tract of land involved.

County in this District:*	California County outside of this District; State, if other than California; or Foreign Country
See attached sheet.	<i>VE</i>

* Los Angeles, Orange, San Bernardino, Riverside, Ventura, Santa Barbara, or San Luis Obispo Counties

Note: In land condemnation cases, use the location of the tract of land involved

X. SIGNATURE OF ATTORNEY (OR PRO PER): _____ Date August 5, 2011

Notice to Counsel/Parties: The CV-71 (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. This form, approved by the Judicial Conference of the United States in September 1974, is required pursuant to Local Rule 3-1 is not filed but is used by the Clerk of the Court for the purpose of statistics, venue and initiating the civil docket sheet. (For more detailed instructions, see separate instructions sheet.)

Key to Statistical codes relating to Social Security Cases:

Nature of Suit Code	Abbreviation	Substantive Statement of Cause of Action
861	HIA	All claims for health insurance benefits (Medicare) under Title 18, Part A, of the Social Security Act, as amended. Also, include claims by hospitals, skilled nursing facilities, etc., for certification as providers of services under the program. (42 U.S.C. 1935FF(b))
862	BL	All claims for "Black Lung" benefits under Title 4, Part B, of the Federal Coal Mine Health and Safety Act of 1969. (30 U.S.C. 923)
863	DIWC	All claims filed by insured workers for disability insurance benefits under Title 2 of the Social Security Act, as amended; plus all claims filed for child's insurance benefits based on disability. (42 U.S.C. 405(g))
863	DIWW	All claims filed for widows or widowers insurance benefits based on disability under Title 2 of the Social Security Act, as amended. (42 U.S.C. 405(g))
864	SSID	All claims for supplemental security income payments based upon disability filed under Title 16 of the Social Security Act, as amended.
865	RSI	All claims for retirement (old age) and survivors benefits under Title 2 of the Social Security Act, as amended. (42 U.S.C. (g))

(b) List the County in the District; California County outside of this District; State if other than California; or Foreign Country, in which **EACH named** defendant resides.

DOE#	City	State	County
1	Burbank	CA	Los Angeles
2	Burbank	CA	Los Angeles
3	Laguna Niguel	CA	Orange
4	Laguna Hills	CA	Orange
5	Redondo Beach	CA	Los Angeles
6	Woodland Hills	CA	Los Angeles
7	Redondo Beach	CA	Los Angeles
8	Newport Beach	CA	Orange
9	Pasadena	CA	Los Angeles
10	Beverly Hills	CA	Los Angeles

**UNITED STATES DISTRICT COURT
CENTRAL DISTRICT OF CALIFORNIA**

NOTICE OF ASSIGNMENT TO UNITED STATES MAGISTRATE JUDGE FOR DISCOVERY

This case has been assigned to District Judge James V. Selna and the assigned discovery Magistrate Judge is Arthur Nakazato.

The case number on all documents filed with the Court should read as follows:

SACV11- 1180 JVS (ANx)

Pursuant to General Order 05-07 of the United States District Court for the Central District of California, the Magistrate Judge has been designated to hear discovery related motions.

All discovery related motions should be noticed on the calendar of the Magistrate Judge

NOTICE TO COUNSEL

A copy of this notice must be served with the summons and complaint on all defendants (if a removal action is filed, a copy of this notice must be served on all plaintiffs).

Subsequent documents must be filed at the following location:

Western Division
312 N. Spring St., Rm. G-8
Los Angeles, CA 90012

Southern Division
411 West Fourth St., Rm. 1-053
Santa Ana, CA 92701-4516

Eastern Division
3470 Twelfth St., Rm. 134
Riverside, CA 92501

Failure to file at the proper location will result in your documents being returned to you.