

1 RUSS AUGUST & KABAT
Marc A. Fenster (SBN 181067)
2 mfenster@raklaw.com
Benjamin T. Wang (SBN 228712)
3 bwang@raklaw.com
Kent N. Shum (SBN 259189)
4 kshum@raklaw.com
12424 Wilshire Boulevard, 12th Floor
5 Los Angeles, California 90025
Tel: (310) 826-7474
6 Fax: (310) 826-6991

7 DESMARAIS LLP
Alan S. Kellman (*pro hac vice* pending)
8 Ameet A. Modi (*pro hac vice* pending)
Richard M. Cowell (*pro hac vice* pending)
9 C. Austin Ginnings (*pro hac vice* pending)
230 Park Avenue
10 New York, New York 10169
Tel: (212) 351-3400
11 Fax: (212) 351-3401

12 *Attorneys for Plaintiff Sound View Innovations, LLC*

13 **IN THE UNITED STATES DISTRICT COURT**
14 **FOR THE CENTRAL DISTRICT OF CALIFORNIA**
WESTERN DIVISION

15 SOUND VIEW INNOVATIONS, LLC,
16
17 Plaintiff,
18 v.
19 FACEBOOK, INC.,
20 Defendant.

Case No. 2:17-cv-04275

JURY TRIAL DEMANDED

21 **COMPLAINT FOR PATENT INFRINGEMENT**

22 Plaintiff Sound View Innovations, LLC (“Sound View”), for its Complaint for
23 Patent Infringement against Facebook, Inc. (“Facebook”) alleges as follows:

24 **INTRODUCTION**

25 1. Sound View is an intellectual property licensing company. Sound
26 View’s patent portfolio includes more than 900 active and pending patents worldwide,
27 including approximately 475 active U.S. Patents. Sound View’s patents were
28 developed by researchers at Alcatel Lucent (“Lucent”) and its predecessors. Lucent is

1 home to the world-renowned Bell Laboratories, which has a long and storied history
2 of innovation. Researchers at Lucent’s Bell Laboratories have developed a wide
3 variety of key innovations that have greatly enhanced the capabilities and utility of
4 computer systems and networks. This has resulted in benefits such as better and more
5 efficient computer networking, computer security, and user experiences.

6 2. Patents enjoy the same fundamental protections as real property. Sound
7 View, like any property owner, is entitled to insist that others respect its property and
8 to demand compensation from those who take it for their own use. Facebook has
9 used, and continues to use Sound View’s patents. Moreover, despite Sound View’s
10 repeated attempts to negotiate, Facebook refuses to take a license, but continues to use
11 Sound View’s property.

12 **NATURE OF THE CASE**

13 3. This action arises under 35 U.S.C. § 271 for Facebook’s infringement of
14 Sound View’s United States Patent Nos. 5,806,062 (the “’062 patent”), 6,708,213 (the
15 “’213 patent”), and 9,462,074 (the “’074 patent”) (collectively the “Patents-In-Suit”).

16 **THE PARTIES**

17 4. Plaintiff Sound View is a Delaware limited liability company, with its
18 principal place of business at 2001 Route 46, Waterview Plaza, Suite 310, Parsippany,
19 New Jersey 07054.

20 5. Defendant Facebook is a Delaware corporation with its principal place of
21 business at 1601 Willow Road, Menlo Park, California 94025. Facebook may be
22 served with process by serving its registered agent, Corporation Service Company,
23 2710 Gateway Oaks Drive, Suite 150N, Sacramento, California 95833.

24 **JURISDICTION AND VENUE**

25 6. This action arises under the patent laws of the United States, including 35
26 U.S.C. § 271 *et seq.* The jurisdiction of this Court over the subject matter of this
27 action is proper under 28 U.S.C. §§ 1331 and 1338(a).
28

1 7. This Court has personal jurisdiction over Facebook because, among other
2 things: Facebook has committed, aided, abetted, contributed to and/or participated in
3 the commission of acts giving rise to this action within the State of California and this
4 judicial district and has established minimum contacts within the forum such that the
5 exercise of jurisdiction over Facebook would not offend traditional notions of fair play
6 and substantial justice; Facebook has placed products and services that practice the
7 claims of the Patents-in-Suit into the stream of commerce with the reasonable
8 expectation and/or knowledge that actual or potential users of such products and/or
9 services were located within this judicial district; and Facebook has sold, advertised,
10 solicited customers, marketed and distributed its services that practice the claims of
11 the Patents-in-Suit in this judicial district.

12 8. Venue is proper in this Court pursuant to 28 U.S.C. §§ 1391(b) and (c)
13 and 1400(b), at least because Facebook has a regular and established place of business
14 in this judicial district, at 12777 West Jefferson Boulevard, Los Angeles, California
15 90066. Moreover, Facebook has committed acts of infringement in this judicial
16 district, including at least through the development, provision, and/or use of its
17 infringing services from its offices and/or other facilities in this judicial district. *See,*
18 *e.g., David Pierson, Facebook’s New L.A. Digs Have Frozen Yogurt, Yoga and No*
19 *Privacy, L.A. TIMES, May 14, 2016, available at*
20 *www.latimes.com/business/technology/la-fi-tn-facebook-office-20160514-snap-*
21 *story.html (“The new Playa Vista location . . . offers two studio spaces—separated by*
22 *a green room—designed for live streaming and 360-degree video. That will allow*
23 *Facebook to work more closely with Southern California celebrities, brands and*
24 *networks who want to seize on the company’s heavy emphasis on video, particularly*
25 *Facebook Live.”)*

THE PATENTS-IN-SUIT

27 9. Sound View incorporates by reference the preceding paragraphs as if
28 fully set forth herein.

1 again notified Facebook of representative Facebook features that infringe those
2 patents and again explained its intention to allow Facebook to continue to use the
3 inventions covered in those patents through a license from Sound View.

4 18. Facebook has refused to engage in any meaningful discussion about
5 reaching a licensing agreement to end its infringement of Sound View's patents.
6 Instead, Facebook continues to willfully infringe Sound View's patents so as to obtain
7 their significant benefits without paying any compensation to Sound View. Sound
8 View has no other choice but to seek relief through litigation.

9 **COUNT ONE**

10 **INFRINGEMENT OF THE '062 PATENT**

11 19. Sound View incorporates by reference the preceding paragraphs as if
12 fully set forth herein.

13 20. The '062 patent generally relates to customizable data processing
14 applications that rely on a combination of reusable software operators, such as initial
15 operators, query operators, terminal operators, and/or external operators, to process
16 source information from a virtual database in a particular schema, such as HTML or
17 XML, and transform that source information into another virtual database having the
18 same schema.

19 21. The '062 patent is valid and enforceable.

20 22. Various types of documents may be stored in a computer system, such as
21 word processing files, computer programs, HTML documents, financial files,
22 employee files, etc. When dealing with large or complex files, it is often desirable to
23 analyze or alter the structure and content of the documents; for example, comparing a
24 first version to a second version or analyzing dependency relationships between
25 various sections of computer code.

26 23. In order to aid such analysis, a database may be constructed which
27 contains information describing the structure of the documents. Various database
28 queries may be performed to extract and process information describing the structure

1 of the source documents. A collection of source documents, along with an associated
2 database that describes the structure of the documents, is called a repository.

3 24. To analyze source document information, it is necessary to process
4 information contained in the repository. A computer program that extracts or converts
5 information from a repository is called an operator. Thus, an operator receives a
6 source document and/or a database as input, processes the input, and produces some
7 output. A simple example of an operator is a program that takes a source document as
8 input and counts the number of occurrences of a particular word, and outputs a
9 number containing the number of times the particular word occurs. The overall
10 function of the analysis—in the above example, a count of the number of occurrences
11 of a particular word—is called an application.

12 25. At the time of the invention of the '062 patent, in existing repository
13 analysis systems, operators were designed for single applications. Thus, the user
14 indicated which operator he/she wished to apply to the repository, and the system
15 processed the repository accordingly. The user was presented with the output when
16 the processing was finished. Different operators processed the repository in different
17 manners, but there was no convenient mechanism for combining the various operators
18 to create new applications. Thus, when a new application was desired, a new operator
19 would need to be designed from scratch.

20 26. Prior art repository analysis systems generally were closed systems, in
21 that all operators were applied within the confines of the system, and all database
22 accesses were performed within the system. For example, a repository analysis
23 system operator may have produced as output a file containing information about the
24 structure of a computer program. In conventional closed systems, this output could
25 not be further processed by, for example, an external graphics program that would
26 format the output in a desired manner. Instead, the output could only be formatted
27 according to operators that were internal to the repository system. There was no
28

1 convenient mechanism to allow the repository analysis system to communicate with
2 operators that were external to the system.

3 27. The inventors of the '062 patent solved these discrete computer-based
4 problems by providing an apparatus and method for creating data analysis applications
5 using reusable software operators. For example, query operators receive data in a
6 particular virtual database format, process the data in the virtual database, and output
7 the results of the processing in another virtual database that has the same format as the
8 original virtual database. A plurality of query operators can be combined to customize
9 the processing of the data. In addition, initial operators convert source information
10 into the virtual database format so that the query operators can analyze the source
11 data. External operators take an external format as input and create another external
12 format as output. Also, terminal operators are used to convert a virtual database into
13 an external format. A user can combine initial, query, terminal, and external operators
14 to create customizable data processing applications.

15 28. Creating data analysis applications using reusable software operators, as
16 described in the '062 patent, is particularly useful in that the external format data may
17 be processed in various ways, thus allowing flexible presentation of the analysis
18 results.

19 29. Facebook's platforms, web pages, and servers have used the Document
20 Object Model ("DOM") to create and process customizable data analysis and
21 processing applications. The DOM is an application programming interface ("API")
22 that allows documents to be modelled using objects of a variety of data formats,
23 including HTML and XML. It defines the logical structure of documents and the way
24 a document is accessed and manipulated.

25 30. Using the DOM, the nodes (or objects) of every document are organized
26 in a tree structure, called the "DOM tree," and can be manipulated individually using
27 the DOM methods (or operators). With the DOM, programmers can build documents,
28 navigate their structure, and add, modify, or delete elements and content. Anything

1 found in an HTML or XML document can be manipulated in this way using the
2 DOM, with a few exceptions.

3 31. As an object model, the DOM identifies: (1) the interfaces and objects
4 used to represent and manipulate a document; (2) the semantics of these interfaces and
5 objects – including both behavior and attributes of the relationships; and (3)
6 collaborations among these interfaces and objects.

7 32. Facebook uses and has used the DOM throughout its products and
8 services, including its webpages such as facebook.com.

9 33. On July 15, 2014, Sound View informed Facebook that at least its use of
10 the DOM infringed the '062 patent.

11 34. Facebook has infringed one or more claims of the '062 patent under 35
12 U.S.C. § 271(a), either literally and/or under the doctrine of equivalents, by making,
13 using, selling, and/or offering for sale in the United States, and/or importing into the
14 United States, products and/or methods encompassed by those claims, including for
15 example, by making, using, selling, offering for sale, and/or importing its Facebook
16 platforms, including for example its web pages and servers that use and have used the
17 DOM.

18 35. For example, Facebook has infringed claim 14 by using a method for
19 processing information (such as Facebook applications, web pages, and/or servers that
20 use and have used the DOM) comprising the steps of:

21 a. providing a plurality of software operators (such as DOM methods,
22 including, for example, “-getAttribute(),” “-setAttribute (),” and “-removeAttribute(
23)”) each configured to receive a virtual database (such as DOM nodes (or objects) or
24 web pages, describing the structure of a document) having a first schema (such as
25 HTML or XML), for processing information contained in said virtual database (such
26 as by applying a DOM method to a node in the DOM tree), and for outputting a
27 virtual database having said first schema; and
28

1 42. Conventional caching systems attempted to address network congestion,
2 but these were unsuitable for streaming multimedia data: (1) video files were
3 typically too large to be cached in their entirety, so only a few streams could be stored
4 at a cache; (2) breaking video files into smaller pieces was not feasible, because the
5 caching systems would treat different chunks from the same video object
6 independently; and (3) streaming multimedia has temporal characteristics, like the
7 transmission rate, while conventional caching was only capable of handling static web
8 objects.

9 43. The inventors of the '213 patent solved those discrete computer-based
10 problems and improved upon conventional caching techniques by providing a novel
11 architecture and method for supporting high quality live and on-demand streaming
12 multimedia on network systems using helper servers.

13 44. The techniques described in the '213 patent advantageously reduce server
14 and network loads by employing helper servers with dynamic data transfer rate control
15 to overcome arrival time and range heterogeneity in client requests, thereby improving
16 the quality perceived by end users making requests for streaming media objects.

17 45. The '213 patent has been recognized with the 2013 Edison Patent Award
18 in Multimedia Technology for inventing “fundamental concepts and techniques to
19 design content distribution networks and caching systems originally built for text and
20 images to better support streaming media over the Internet.” A press release regarding
21 the award is attached as Exhibit D.

22 46. A content delivery network, also called a content distribution network
23 (CDN), is a network of connected computers that delivers internet content, such as
24 streaming video, to end users. When a service uses a CDN, the content comes from
25 an “origin server” and is replicated on numerous “edge servers.” When an end user
26 requests particular content, the CDN provides the content from an edge server near to
27 the end user. This arrangement has numerous benefits, such as: faster response time
28 (lower latency) because the content is served from a nearby edge server, instead of a

1 potentially distant origin server; greater throughput because the edge server will be
2 less loaded than a single origin server would be; and greater availability because the
3 multiplicity of servers allows for a request to be failed over to another server if an
4 edge server crashes.

5 47. Facebook provides and has provided streaming services, including at
6 least Live for Facebook Mentions, Facebook Live for People (also known as
7 Facebook Live, or Live), and videos uploaded to Facebook (also known as Facebook
8 Video) (collectively, the “Facebook Services”), to allow users to broadcast and watch
9 streaming video. For example, Live for Facebook Mentions supports the HTTP Live
10 Streaming (“HLS”) protocol. As a further example, Facebook Live for People
11 supports both the MPEG-DASH protocol and the HLS protocol. Facebook streams
12 videos through its own content delivery network, which has edge caches or Point of
13 Presence (PoP) caches distributed around the world. These edge caches cache video
14 segments received from datacenters and serve the segments to viewers around the
15 world. The Facebook CDN can also adjust the data transfer rate to the user to
16 accommodate the user’s network condition.

17 48. HLS is an HTTP-based media streaming communications protocol. It
18 works by breaking the overall stream into a sequence of small HTTP-based file
19 downloads; each download is one short chunk that is part of an overall potentially
20 unbounded transport stream. As the stream is played, the client may select from a
21 number of different alternate chunks containing the same material encoded at a variety
22 of data rates.

23 49. MPEG-DASH is an adaptive bitrate streaming technique that enables
24 high quality streaming of media content over the Internet delivered from conventional
25 HTTP web servers. Similar to HLS, MPEG-DASH works by breaking the content
26 into a sequence of small HTTP-based file segments, each segment containing a short
27 interval of playback time of content that is potentially many hours in duration, such as
28 a live broadcast of a sports event. The content is made available at a variety of

1 different bit rates, with alternative segments encoded at different bit rates covering
2 aligned short intervals of playback time.

3 50. A Facebook Live server receives video streams in Real-Time Messaging
4 Protocol (RTMP) from a broadcasting user, decodes the RTMP stream and transcodes
5 it to multiple sets of MPEG-DASH or HLS segments with different bit rates.

6 51. When a user requests a video stream, the request is routed to an edge
7 server, which receives the request. The edge server then allocates a local buffer to
8 store portions of the stream.

9 52. The edge server requests the MPEG-DASH or HLS segments from a
10 datacenter cache, stores them in the local buffer, and then sends them to Facebook
11 users who view the video.

12 53. While the edge server sends the requested segments to the user, it
13 concurrently requests the next few segments in the stream from the datacenter cache.

14 54. While the content is being played back by an MPEG-DASH or HLS
15 client, the client automatically selects from the alternatives the next segment to
16 download and play based on current network conditions. The streaming server then
17 provides the requested alternate segment resulting in an adjusted data rate.

18 55. Facebook has infringed one or more claims of the '213 patent at least
19 under 35 U.S.C. § 271(a), either literally and/or under the doctrine of equivalents, by
20 making, using, selling, and/or offering for sale in the United States, and/or importing
21 into the United States, products and/or methods encompassed by those claims,
22 including for example, by making, using, selling, offering for sale, and/or importing
23 servers and products that include or use at least Facebook Live for People, Live for
24 Facebook Mentions, Facebook Video, or other streaming video services.

25 56. On July 14, 2016, Sound View informed Facebook that at least its video
26 streaming services, including Live for Facebook Mentions and Facebook Live for
27 People, infringes the '213 patent. However, Facebook has not stopped infringing.

28

1 57. For example, Facebook Live for People (when using MPEG-DASH) and
2 Facebook Video infringe claim 16 by using a method of reducing latency in a network
3 having a content server which hosts streaming media (“SM”) objects (such as videos)
4 which comprise a plurality of time-ordered segments (such as MPEG-DASH
5 segments) for distribution over said network through a plurality of helpers (“HSs”)
6 (such as Facebook’s PoP caches or edge servers) to a plurality of clients (such as users
7 of Facebook Live for People or Facebook Video), said method comprising:

8 a. receiving a request for an SM object from one of said plurality of
9 clients (such as a user of Facebook Live for People requesting to watch a hosted
10 video) at one of said plurality of helper servers (such as Facebook’s PoP caches or
11 edge server receiving such a request from a user of Facebook Live for People or
12 Facebook Video to watch a hosted video);

13 b. allocating a buffer at one of said plurality of HSs to cache at least a
14 portion of said requested SM object (such as allocating a local buffer to store portions
15 of the stream as MPEG-DASH segments at the PoP cache or edge server);

16 c. downloading said portion of said requested SM object to said
17 requesting client, while concurrently retrieving a remaining portion of said requested
18 SM object from one of another HS and said content server (such as the PoP cache or
19 edge server fetching the next segment of video content by requesting the next MPEG-
20 DASH segments in the stream from the datacenter cache); and

21 d. adjusting a data transfer rate at said one of said plurality of HSs for
22 transferring data from said one of said plurality of helper servers to said one of said
23 plurality of clients (such as providing alternate segments encoded at different data
24 rates to the client to accommodate the current network conditions (*e.g.*, the client’s
25 current bandwidth), and then providing the requested alternate segment resulting in an
26 adjusted data rate).

27 58. As another example, Live for Facebook Mentions and Facebook Live for
28 People (when using HLS) infringe claim 16 by using a method of reducing latency in

1 a network having a content server which hosts SM objects (such as videos) which
2 comprise a plurality of time-ordered segments (such as HLS segments) for distribution
3 over said network through a plurality of HSs (such as Facebook's PoP caches or edge
4 servers) to a plurality of clients (such as users of Live for Facebook Mentions and
5 Facebook Live for People), said method comprising:

6 a. receiving a request for an SM object from one of said plurality of
7 clients (such as a user of Live for Facebook Mentions and Facebook Live for People
8 requesting to watch a hosted video) at one of said plurality of helper servers (such as
9 Facebook's PoP caches or edge server receiving such a request from a user of Live for
10 Facebook Mentions and Facebook Live for People to watch a hosted video);

11 b. allocating a buffer at one of said plurality of HSs to cache at least a
12 portion of said requested SM object (such as allocating a local buffer to store portions
13 of the stream as HLS segments at the PoP cache or edge server);

14 c. downloading said portion of said requested SM object to said
15 requesting client, while concurrently retrieving a remaining portion of said requested
16 SM object from one of another HS and said content server (such as the PoP cache or
17 edge server fetching the next segment of video content by requesting the next HLS
18 segments in the stream from the datacenter cache); and

19 d. adjusting a data transfer rate at said one of said plurality of HSs for
20 transferring data from said one of said plurality of helper servers to said one of said
21 plurality of clients (such as providing alternate segments encoded at different data
22 rates to the client to accommodate the current network conditions (*e.g.*, the client's
23 current bandwidth), and then providing the requested alternate segment resulting in an
24 adjusted data rate).

25 59. Sound View has been and continues to be damaged by Facebook's
26 infringement of the '213 patent. Sound View is entitled to recover from Facebook the
27 damages sustained by Sound View as a result of Facebook's wrongful acts in an
28

1 amount adequate to compensate Sound View for Facebook's infringement subject to
2 proof at trial.

3 60. In committing these acts of infringement, Facebook committed egregious
4 misconduct including, for example, acting despite knowing that its actions constituted
5 infringement of a valid patent, or recklessly disregarding the fact that its actions
6 constituted an unjustifiably high risk of infringement of a valid and enforceable
7 patent.

8 61. Facebook's infringement of the '213 patent was and is deliberate and
9 willful, entitling Sound View to increased damages under 35 U.S.C. § 284 and to
10 attorney fees and costs incurred in prosecuting this action under 35 U.S.C. § 285.

11 **COUNT THREE**

12 **INFRINGEMENT OF THE '074 PATENT**

13 62. Sound View incorporates by reference the preceding paragraphs as if
14 fully set forth herein.

15 63. The '074 patent generally relates to network systems, and more
16 particularly to methods and systems for improving the caching of streaming
17 multimedia data from a content provider over a network to a client.

18 64. The '074 patent is valid and enforceable.

19 65. At the time of the invention of the '074 patent, broadcasting of streaming
20 multimedia over the Internet was becoming increasingly popular.

21 66. Streaming data involves sending a continuous transmission of data from
22 the server to a client. The client computer begins to present the information as it
23 arrives, rather than waiting for the entire data set to arrive before beginning the
24 presentation of the data. The client computer creates a multimedia output from the
25 received multimedia data. The advantage of streaming is that the client computer does
26 not have to wait until all data is downloaded from the server before some of the data is
27 processed and the multimedia output is created.

28

1 67. Problems arose when users began to expect instantaneous streaming data
2 on demand, particularly for video data, because streaming multimedia objects were
3 generally delivered over the Internet and other data networks via unicast connections.
4 Such architectures had many shortcomings, both from the content provider's and
5 user's points of view. For content providers, such architectures put increased demand
6 on networks and servers, as the server load increased linearly with the number of
7 clients. For users, there were often long delays between requesting the video content
8 and the time when the video content actually began playing (*i.e.*, high start-up latency)
9 and unpredictable playback quality due to network congestion.

10 68. Web caching technology had been implemented on the Internet to reduce
11 network load, server load, and high start-up latency. However, caching systems that
12 existed at the time were restricted to supporting static web objects such as HTML
13 documents or images, and did not adequately support streaming multimedia data such
14 as video and audio streaming multimedia objects. Also, given the larger size of
15 streaming multimedia objects relative to static web objects, streaming multimedia
16 objects do not lend themselves to being cached in their entirety, as disk space
17 limitations made it not feasible to statically store more than a few complete streaming
18 multimedia objects.

19 69. The techniques described in the '074 patent solve those discrete
20 computer-based problems and improve upon prior caching systems by providing
21 novel systems and methods for supporting high quality streaming multimedia on a
22 network that uses helper servers that operate as caching and streaming agents inside
23 the network. The helper servers serve to implement several methods specifically
24 designed to support streaming multimedia, including segmentation of streaming
25 multimedia objects into smaller units, cooperation of the helper servers, and novel
26 cache placement and replacement policies of the constituent units which make up the
27 streaming multimedia objects. The helper servers reduce a content provider's memory
28

1 and processing requirements by reducing the server load, reduce congestion problems,
2 and reduce high start-up latency.

3 70. For example, a Facebook Live server receives video streams in Real-
4 Time Messaging Protocol (RTMP) from a broadcasting user, decodes the RTMP
5 stream and transcodes it to multiple sets of MPEG-DASH or HLS segments with
6 different bit rates.

7 71. When a user requests a video stream, the request is routed to an edge
8 server, which receives the request and retrieves the requested portion of the stream
9 from a content server.

10 72. The edge server determines whether there is sufficient disk space to store
11 the requested portion of the stream. If so, the portion is stored.

12 73. If there is not sufficient disk space, the edge server deletes a portion of
13 one or more other streams already stored on the edge server. The portion is then
14 stored.

15 74. Facebook has infringed one or more claims of the '074 patent under 35
16 U.S.C. § 271(a), either literally and/or under the doctrine of equivalents, by making,
17 using, selling, and/or offering for sale in the United States, and/or importing into the
18 United States, products and/or methods encompassed by those claims, including for
19 example, by making, using, selling, offering for sale, and/or importing servers and
20 products that include or use at least Facebook Live for People, Live for Facebook
21 Mentions, Facebook Video, or other streaming video services.

22 75. For example, Facebook infringes claim 9 by using a method for
23 managing storage of a streaming media (SM) object (such as videos, including live
24 videos, from Facebook's users) in a network having a content server which hosts SM
25 objects for distribution over said network through a plurality of servers to a plurality
26 of clients, said method comprising:

27 a. receiving said SM object (such as Facebook's edge server or PoP
28 cache retrieving the requested portion of a video);

1 c) that Sound View be awarded damages in accordance with 35
2 U.S.C. § 284, including trebled damages, and, if necessary to adequately compensate
3 Sound View for Facebook’s infringement, an accounting;

4 d) that this case is exceptional under 35 U.S.C. § 285;

5 e) that Sound View be awarded the attorney fees, costs, and expenses
6 that it incurs in prosecuting this action; and

7 f) that Sound View be awarded such further relief at law or in equity
8 as the Court deems just and proper.

9 **DEMAND FOR JURY TRIAL**

10 Sound View hereby demands trial by jury on all claims and issues so triable.
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

1 Dated: June 8, 2017

By: Benjamin T. Wang

2 RUSS AUGUST & KABAT
3 Marc A. Fenster
4 Benjamin T. Wang
5 Kent N. Shum
6 12424 Wilshire Boulevard, 12th Floor
7 Los Angeles, California 90025
8 Tel: (310) 826-7474
9 Fax: (310) 826-6991
10 mfenster@raklaw.com
11 bwang@raklaw.com
12 kshum@raklaw.com

13 *Of Counsel:*

14 DESMARAIS LLP
15 Alan S. Kellman (*pro hac vice* pending)
16 Ameeet A. Modi (*pro hac vice* pending)
17 Richard M. Cowell (*pro hac vice* pending)
18 C. Austin Ginnings (*pro hac vice* pending)
19 230 Park Avenue
20 New York, NY 10169
21 Tel: (212) 351-3400
22 Fax: (212) 351-3401
23 akellman@desmaraisllp.com
24 amodi@desmaraisllp.com
25 rcowell@desmaraisllp.com
26 aginnings@desmaraisllp.com

27 *Attorneys for Plaintiff Sound View*
28 *Innovations, LLC*