1 2 3 4 5	MICHAEL H. RUBIN, SBN 214636 WILSON SONSINI GOODRICH & ROSATI Professional Corporation One Market Plaza, Spear Tower Suite 3300 San Francisco, CA 94105 Telephone: (415) 947-2000 Facsimile: (415) 947-2099 Email: mrubin@wsgr.com		
6 7 8 9 10 11 12	DAVID H. KRAMER, SBN 168452 DYLAN J. LIDDIARD, SBN 203055 WILSON SONSINI GOODRICH & ROSATI Professional Corporation 650 Page Mill Road Palo Alto, CA 94304-1050 Telephone: (650) 493-9300 Facsimile: (650) 565-5100 Email: dkramer@wsgr.com		
14	UNITED STATES DISTRICT COURT		
15	NORTHERN DISTRICT OF CALIFORNIA		
16	SAN FRANCISCO DIVISION		
17 18 19 20	IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS LITIGATION MOTION FOR ADMINISTRATIVE RELIEF TO ENFORCE THE COURT'S FEBRUARY 7, 2014 ORDER		
21			
22			
23	<u> </u>		
24			
25			
26			
27			
28			

CASE No.: 3:10-MD-02184-CRB

MOTION FOR ADMINISTRATIVE RELIEF

Defendant Google Inc. ("Google") respectfully moves for administrative relief to enforce the Court's February 7, 2014 Order (Dkt. No. 108). Rather than comply with this Order—which explicitly limits discovery to the issue of standing—Plaintiffs have ignored it: they have made wide-ranging, overly burdensome demands for information on matters that go far beyond the threshold standing issue. Judicial intervention is needed to prevent wasteful, protracted litigation of an issue that has already been ruled upon.¹

BACKGROUND

Between 2008 and May 2010, Google Street View cars passively collected network-identifying information broadcast by Wi-Fi networks as the cars traveled along public roadways. Google sought this information because knowing the location of Wi-Fi networks helps Google provide "location aware" services, such as directions. In May 2010, Google discovered that its Street View cars had also acquired data sent over some unencrypted Wi-Fi networks ("payload data"). The cars only acquired payload data if it was being transmitted to the street at the particular moment a Street View car happened to drive by. Further, because the software in the Street View cars cycled through Wi-Fi channels at a rate of five times per second, any single data collection lasted only two-tenths of a second. *See* Joint Case Management Statement at 2-3 (Dkt. No. 107).

Given all that, the chance that any part of a given individual's communications was acquired is remote. Plaintiffs—apparently realizing this—danced around the question of standing in their Complaint, alleging only that "On information and belief, Defendant surreptitiously collected, decoded, and stored data from Plaintiff's WiFi connection, including payload data, on at least one occasion." Compl. ¶¶ 18-38 (emphasis added). But Plaintiffs do not plead any facts that

¹ A stipulation resolving this issue could not be obtained for the reasons explained below. *See infra* p. 3 & Declaration of Michael H. Rubin ("Rubin Decl.") $\P\P$ 4-5.

² Upon learning of the unwanted collection, Google promptly grounded its Street View cars, removed their Wi-Fi software and hardware, segregated and rendered inaccessible the payload data that had been acquired, hired a third party to review what had happened, publicly apologized for collecting payload data, and committed to never again collect any Wi-Fi data whatsoever with its Street View vehicles.

plausibly suggest that Google actually did collect any payload data from Plaintiffs' Wi-Fi networks.

The parties presented their differing views on this issue to the Court in the Joint Case Management Statement submitted on January 31, 2014, and it was addressed at the February 7, 2014 Case Management Conference. Plaintiffs insisted that notwithstanding the serious questions about their standing, merits-based discovery should begin unfettered. Rubin Decl. ¶ 2. Google said that the question of standing needed to be resolved first, and that discovery should be limited to that issue alone. *Id.* The Court agreed with Google and issued an order that permitted only "limited discovery on the issue of standing," and directed the parties to advise the Court if a further conference needed to be scheduled. Dkt. No. 108.

Just days later, Plaintiffs made clear that they did not intend to abide by the Court's explicit limitation. They demanded all sorts of information from Google—information that cannot help resolve the question of their individual standing to pursue the case. *See* Pls.' Notice Pursuant to Fed. R. Civ. P. 30(B)(2) & 30(B)(6) & First Set of Reqs. for Produc. of Docs. Pursuant to Rule 34 ("Production Requests," "Deposition Topics," or collectively "Requests") (Rubin Decl. ¶ 3 & Ex. A).

In particular, Plaintiffs request that Google deliver to their counsel's office "[a]ll software and hardware used to collect and record Street View Data" from January 1, 2007 through November 8, 2010. See Production Request No. 2. Under any reading, that demand is irrelevant to the standing question—and taken literally, would require delivering a fleet of Street View cars to Plaintiffs' counsel.

Plaintiffs also insist they receive *all* data collected by Google Street View cars—when given Plaintiffs' own allegations, the only data relevant to "limited discovery on the issue of standing" would be data broadcast by the *named Plaintiffs* over their *own* unencrypted Wi-Fi networks. *See* Production Request No. 1; Compl. ¶¶ 18-38. Plaintiffs could not possibly need *all* Wi-Fi network information and *all* payload data from *other* networks to answer the simple question of whether any data from *their* network was acquired by a passing car. And the notion that all this information should be turned over to counsel for a handful of individuals who have not

1

4

5

3

6 7

8

9 10

12

11

13 14

15

16

17

18

19 20

21

22 23

24

25 26

27

28

yet established their standing is in serious tension with their allegations that at least some of this information is private (Compl. $\P 4$).

In short, Plaintiffs have proceeded as though the Court never issued its Order limiting proceedings to the standing question.

Google, by contrast, has proposed a fair and structured means to efficiently address the standing inquiry, and to do so without venturing into the merits before Plaintiffs' standing and this Court's jurisdiction are established. See Google's February 21, 2014 Letter (Rubin Decl. ¶ 4 & Ex. B); see also Proposed Order Granting Motion for Administrative Relief to Enforce the Court's February 7, 2014 Order ("Proposal" or "Proposed Order"). Under this Proposal, the parties would agree on a neutral third party ("Neutral") (Proposal ¶ 1), who would develop and execute a protocol for determining whether any payload data was acquired from a named Plaintiff's Wi-Fi network (id. \P 2), as Plaintiffs allege occurred on "information and belief." Compl. \P 18-38. In particular, Google would deposit all payload and other Wi-Fi network data with the Neutral, and Plaintiffs would deposit the wireless routers that Plaintiffs used to maintain unencrypted Wi-Fi networks during the relevant time period. *Id.* ¶ 3. The Neutral would use this information to determine whether any payload data broadcast over the networks of the named Plaintiffs was actually acquired by a Street View car as it drove down the street. The Neutral would then issue a report detailing its findings. *Id.* ¶ 4.

On March 3, the parties conferred about the Proposal. Rubin Decl. ¶ 5. Plaintiffs' counsel flatly rejected it and stated that they would not offer an alternative. *Id.*

ARGUMENT

The court has allowed only limited jurisdictional discovery directed to resolving the question of standing. Dkt. No. 108. "To establish Article III standing, an injury must be concrete, par-

³ Plaintiffs also demand "all documents explaining how the software and hardware collects, parses, and stores Street View Data," and "[a]ll data and documents correlating or associating Street View Data with the name of a Person, with geographic coordinates or with physical addresses or locations." Production Requests Nos. 3-4 (emphasis added). But those wide-ranging Production Requests are off base, as is Plaintiffs' Deposition Notice. See, e.g., Deposition Topic No. 3 ("The function and operation of the software and hardware used to collect and record Street View Data.").

favorable ruling." Clapper v. Amnesty Int'l USA, 133 S. Ct. 1138, 1147 (2013) (quotations omitted). When plaintiffs' claims are based on the alleged unlawful interception of their communications, to establish standing, plaintiffs must—at a minimum—show that the defendant acquired the contents of their communications, or that such acquisition is imminent. See id. at 1147-50; ACLU v. NSA, 493 F.3d 644, 655-56, 673-74 (6th Cir. 2007). In Clapper, the Court concluded that plaintiffs lacked standing to challenge alleged surveillance by the Government where they "fail[ed] to offer any evidence that their communications have been monitored." 133 S. Ct. at 1148; see also ACLU, 493 F.3d at 655-56, 673-74 (holding that plaintiffs who lacked evidence that their communications had been intercepted did not have standing to challenge alleged NSA surveillance). Moreover, in Clapper, the plaintiffs were denied even the very limited discovery on the standing question. 133 S. Ct. at 1149 n.4. They certainly were not given what Plaintiffs are demanding here—free rein to peruse all of the information that was acquired (along with all information regarding the methods and equipment used for doing so).

The *only* relevant question here is whether Google acquired payload data transmitted from a Wi-Fi network belonging to one or more of the named Plaintiffs. That is the only basis that Plaintiffs allege for standing—*albeit* in a conclusory fashion. *See* Compl. ¶¶ 18-38 ("On information and belief, Defendant surreptitiously collected, decoded, and stored data *from Plaintiff's WiFi connection*, including payload data, on at least one occasion." (emphasis added)). Rather than focusing their efforts on this specific question, Plaintiffs seek not to undertake a mere fishing expedition, but to drain the entire lake in the hopes of finding a specific fish. Plaintiffs' broad, unduly burdensome demands clearly contravene the Court's Order. And Plaintiffs make these demands without having made any showing that they have the right to pursue this action in the first place.

For these reasons, Google respectfully requests that the Court enter an order adopting Google's Proposal, as reflected in the attached Proposed Order. Google's Proposal is narrowly tailored to address the threshold jurisdictional issue before this Court without venturing improperly into collateral matters. *See supra* p. 3. Moreover, Google's Proposal would eliminate the

1	prospect of either party—or untold numbers of lawyers—combing through what Plaintiffs allege
2	is the private payload data of others. <i>Id</i> .
3	CONCLUSION
4	For the foregoing reasons, Google's motion should be granted.
5	
6	Dated: March 7, 2014 WILSON SONSINI GOODRICH & ROSATI
7	Professional Corporation
8	
9	By: <u>/s/ Michael H. Rubin</u> Michael H. Rubin
10	Email: mrubin@wsgr.com
11	Attorney for Defendant Google Inc.
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	

Case3:10-md-02184-CRB Document109-1 Filed03/07/14 Page1 of 3

	.1		
1 2 3 4 5 6 7	MICHAEL H. RUBIN, SBN 214636 WILSON SONSINI GOODRICH & ROSATI Professional Corporation One Market Plaza, Spear Tower Suite 3300 San Francisco, CA 94105 Telephone: (415) 947-2000 Facsimile: (415) 947-2099 Email: mrubin@wsgr.com DAVID H. KRAMER, SBN 168452 DYLAN J. LIDDIARD, SBN 203055 WILSON SONSINI GOODRICH & ROSATI Professional Corporation		
8	650 Page Mill Road Palo Alto, CA 94304-1050		
9	Telephone: (650) 493-9300 Facsimile: (650) 565-5100		
10	Email: dkramer@wsgr.com dliddiard@wsgr.com		
11 12	Attorneys for Defendant Google Inc.		
13	Attorneys for Defendant Google Inc.		
14	UNITED STATES DISTRICT COURT		
15	NORTHERN DISTRIC	T OF CALIFORNIA	
16	SAN FRANCIS	CO DIVISION	
17	IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS LITIGATION) CASE NO.: 3:10-md-02184-CRB	
18	TRONIC COMMUNICATIONS EITIGATION	DECLARATION OF MICHAEL I RUBIN IN SUPPORT OF MOTIO	
19) FOR ADMINISTRATIVE RELIE) ENFORCE THE COURT'S FEBR	F TO
20) ARY 7, 2014 ORDER	
21 22			
23			
24		<u>_</u> ,	
25			
26			
27			
28			

CASE NO.: 3:10-MD-02184-CRB

DECLARATION OF MICHAEL H. RUBIN IN SUPPORT OF MOTION FOR ADMINISTRATIVE RELIEF

I, Michael H. Rubin, declare:

- 1. I am a member of the law firm Wilson Sonsini Goodrich & Rosati P.C., counsel of record for Defendant Google Inc. ("Google"). I submit this Declaration in support of Google's motion for administrative relief to enforce the Court's February 7, 2014 Order (Dkt. No. 108). I have personal knowledge of the facts set forth in this Declaration and can testify competently thereto.
- 2. I represented Google during the February 7, 2014 Case Management Conference. During this Conference, Plaintiffs' counsel argued that the Court should open discovery on all issues. I argued that discovery should be limited to that necessary to determine whether Plaintiffs have standing. Plaintiffs and Google made these same arguments in their Joint Case Management Statement (Dkt. No. 107). *See id.* at 7-9. The Court issued an order "allow[ing] limited discovery on the issue of standing." Dkt. No. 108.
- 3. Attached as Exhibit A to this Declaration is a true and correct copy of Plaintiffs' Notice Pursuant to Fed. R. Civ. P. 30(B)(2) and 30(B)(6) and First Set of Requests for Production of Documents Pursuant to Rule 34, which Plaintiffs served on February 11, 2014.
- 4. Attached as Exhibit B to this Declaration is a true and correct copy of Google's letter to Plaintiffs' counsel, which proposed a stipulation ("Proposal"). Google explained in this letter that the Proposal would provide an efficient and structured means of determining the only relevant question at this stage of the proceedings: whether Google acquired payload data transmitted from a Wi-Fi network belonging to one or more of the named Plaintiffs. This letter was emailed to Plaintiffs' counsel on February 21, 2014.
- 5. On March 3, 2014, the parties conferred regarding the Proposal. Plaintiffs' counsel rejected it outright and stated that they would not offer an alternative. For this reason, a stipulation resolving this issue could not be obtained. I nevertheless provided notice to Plaintiffs' counsel today, March 7, 2014, that Google would be seeking the relief sought in the Motion for Administrative Relief.

Case3:10-md-02184-CRB Document109-1 Filed03/07/14 Page3 of 3

1	I declare under penalty of perjury under t	the laws of the United States of America that the
2	foregoing is true and correct to the best of my k	nowledge.
3		
4	Dated: March 7, 2014	WILSON SONSINI GOODRICH & ROSATI
5		Professional Corporation
6		
7		By: /s/ Michael H. Rubin Michael H. Rubin
8		Email: mrubin@wsgr.com
9		Attorney for Defendant Google Inc.
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		

CASE NO.: 3:10-MD-02184-CRB

EXHIBIT A

TO THE DECLARATION OF MICHAEL H. RUBIN

1	SPECTOR ROSEMAN KODROFF & WI	LLS, PC	
2	Jeffrey L. Kodroff, Esq. jkodroff@srkw-law.com		
3	John A. Macoretta, Esq. jmacoretta@srkw-law.com		
4	Mary Ann Geppert, Esq. mgeppert@srkw-law.com		
5	1818 Market St., Ste. 2500 Philadelphia, PA 19103		
6	Tel. 215-496-0300 Fax. 215-496-6611		
7	COHEN MILSTEIN SELLERS & TOLL	PLLC	
8	Daniel A. Small, Esq. dsmall@cohenmilstein.com		
9	David A. Young, Esq. dyoung@cohenmilstein.com		
10	1100 New York Avenue, NW, Suite 500W Washington, DC 20005 Tel. 202-408-4600		
11	Fax. 202-408-4699		
12	Plaintiffs' Co-Lead Counsel		
13	Elizabeth J. Cabraser, Esq. (SBN: 083151) ecabraser@lchb.com Michael W. Sobol (SBN: 194857)		
14			
15			
16	nsugnet@lchb.com 275 Battery Street, 29th Floor		
17	San Francisco, CA 94111-3339 Tel. 415-956-1000		
18	Fax. 415-956-1008		
19	Plaintiffs' Liaison Counsel		
20		TES DISTRICT COURT	
21	NORTHERN DISTRICT OF CALIFORNIA SAN FRANCISCO DIVISION		
22			
23	IN RE: GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS	Case No. 3:10-md-02184-CRB	
24	LITIGATION	PLAINTIFFS' NOTICE PURSUANT TO FED. R. CIV. P. 30(B)(2) AND 30(B)(6) AND	
25		FIRST SET OF REQUESTS FOR PRODUCTION OF DOCUMENTS PURSUANT TO RULE 34	
26			
27			
28			

Pursuant to Fed. R. Civ. P. 30(b)(2), 30(b)(6), and 34, Plaintiffs Benjamin Joffe, *et al.*, ("Plaintiffs") hereby notify Defendant Google, Inc. ("Google") that:

- 1. Google must produce for inspection and copying the documents and electronically stored information described herein, at the offices of Lieff, Cabraser, Heimann & Bernstein, LLP, 275 Battery Street, 29th Floor, San Francisco, California, 94111, within 30 days of the service of these requests. In accordance with Rule 34(b), Google shall provide written responses to the following requests and shall produce the requested documents as they are kept in the ordinary and usual course of business or shall organize and label the documents to correspond with the categories in this request; and
- 2. Google must designate one or more of its officers, directors, managing agents or other persons who consent to testify on its behalf, regarding information known or reasonably available to Google concerning the topics designated herein. The deposition will be held at the offices of LIEFF CABRASER HEIMANN & BERNSTEIN, LLP, 275 Battery Street, 29th Floor, San Francisco, CA 94111-3339. The deposition will be taken before an officer legally authorized to administer oaths and shall be recorded stenographically and by videotape for possible use at trial. The deposition will begin on [Friday April 11, 2014 at 10:00 a.m.].

INSTRUCTIONS

- 1. Pursuant to Rule 26(b)(5) of the Federal Rules of Civil Procedure, if You withhold the production of any document which is responsive to the following requests on the grounds that the document is privileged or otherwise protected, You shall state in a privilege log the nature of the claim of privilege or protection; and describe generally the type and nature of the document; the date of the document; the identity of the author(s), the addressee(s), and any recipient(s) of the document; the document's present location; and any other information that will enable Plaintiffs and the Court to assess the applicability of the privilege or protection.
- 2. You are required to produce all the requested documents which are in Your possession, custody or control, including (by way of illustration only and not limited to) documents in the possession, custody or control of Your affiliates, Your merged and acquired predecessors, Your present and former directors, officers, partners, employees, accountants,

attorneys or other agents, Your present and former independent contractors over which You have control, and any other Person acting on Your behalf.

- 3. If a Document responsive to these requests was at any time in Your possession, custody or control but is no longer available for production, as to each such Document state the following information:
 - a. Whether the Document is missing or lost;
 - b. Whether the Document has been destroyed;
- c. Whether the Document has been transferred or delivered to another person and, if so, at whose request;
 - d. Whether the Document has been otherwise disposed of; and
- e. The circumstances surrounding the disposition of the Document and the date of its disposition.
- 4. These Requests shall be deemed continuing so as to require supplemental responses as You or Your attorneys obtain further information or materials from the time Your answers are served until the time of trial.

DEFINITIONS

- 1. "Google," "You," and "Your" means Defendant, Google Inc., and its parents, subsidiaries, divisions, affiliates, officers, directors, employees, dealers, and agents.
- 2. "Person" means any natural person, public or private corporation (whether or not organized for profit), governmental entity, partnership, association, cooperative, joint venture, sole proprietorship, or other legal entity. With respect to a business entity, the term "person" includes without limitation any natural person or entity acting formally or informally as an employee, officer, agent, attorney or other representative of the business entity.
- 3. Unless otherwise specified, the "Time Period" refers to the period beginning on January 1, 2007 through the present time.
- 4. The terms "Document" or "Documents" are defined as broadly as permitted under Federal Rule of Civil Procedure 34. They include, without limitation, any Electronically Stored Information ("ESI") and/or typewritten, handwritten, graphic, photographic, printed or otherwise

recorded matter or recording of symbols in tangible form, however produced or reproduced, of

1

21

22 23

24

25 26

27

28

every kind and regardless of where located, which is in Your possession, custody, or control; or in the possession, custody or control of any servant or agent or of Your attorneys. The terms include the following: electronically recorded information such as electronic mail ("email"), html files, databases, data collected or recorded by Your Street View Vehicles, data processing cards or tapes, computerized data, computer diskettes, or information otherwise contained on a computer's hard drive, disks or backup tapes; video tapes, audio tapes, or any information maintained on digital, electronic, magnetic or other media; and any other summary, schedule, memorandum, note, statement, letter, telegram, interoffice communication, report, diary, worksheet, list, graph, chart, or index, tape record, partial or complete report of telephone or oral conversation, transcript or minutes, compilation, tabulation, study, analysis, or other such writing or recording. The terms "document" and "documents" include all originals and copies, no matter how prepared, and all drafts prepared in connection with such documents, whether or not used, as well as the file in which the documents are maintained. A draft or non-identical copy of a document, including a copy or duplicate of a document that has any nonconforming notes, marginal annotations or other markings, and any preliminary version, draft or revision of the foregoing, is a separate document within the meaning of these terms.

- 5. "Electronically Stored Information" ("ESI") is defined as broadly as permitted under Federal Rules of Civil Procedure 26 and 34 and includes, without limitation, the following:
 - Activity listings of electronic mail receipts and/or transmittals; a.
- b. Output resulting from the use of any software program, including without limitation word processing documents, spreadsheets, database files, charts, graphs and outlines, electronic mail, instant messaging or chat programs (such as, but not limited to, Skype, Microsoft Instant Messenger, Google Chat, Yahoo Messenger, and AOL Instant Messenger), mobile messaging (such as, but not limited to, text messages, Apple iMessage, or Blackberry Instant Messenger), bulletin board programs, online or intranet forums, operating systems, source code,

PRF files, PRC files, batch files, ASCII files, and all miscellaneous media on which they reside and regardless of whether such electronic data exist in an active file, deleted file, or file fragment;

- c. Any and all items stored on computer memories, hard disks, floppy disks, CD-ROM, magnetic tape, or on any other vehicle for digital data storage and/or transmittal, including without limitation USB flash memory drives, memory cards (e.g. non-volatile Secure Digital cards), a smartphone or personal digital assistant (e.g., iPhone, Blackberry, Windows Phone, Android, or other device), or a tablet computer such as an iPad, Android or Windows tablet; and
- d. ESI must be processed and produced in a manner that preserves all metadata.
- 6. The term "communication" means the transmittal of information in any form, including, but not limited to, facts, thoughts, ideas, intentions, desires, inquiries, shapes, sounds, letters, words and numbers, by any means or media whatsoever, including, but not limited to, statements, codes, actions or signals, whether verbal or non-verbal and whether written or oral.
- 7. The terms "concerning," "pertaining to," "relating to," "regarding" or "referring to" (including other tense forms of those terms) mean describing, evidencing, constituting, reflecting, showing, comprising, considering, discussing, regarding, setting forth, studying, analyzing, commenting upon, recommending, alluding to, or mentioning, in whole or in part.
 - 8. The singular includes the plural and the plural includes the singular.
- 9. The conjunctions "and" and "or" shall be interpreted conjunctively and shall not be interpreted disjunctively to exclude any information otherwise within the scope of a request.
 - 10. The words "any" or "all" mean all documents or items so described.
- 11. Use of the present tense in any request includes the period of time or any portion thereof from January 1, 2007 through the present.
- 12. The term "Complaint" refers to the Consolidated Class Action Complaint filed by Plaintiffs on November 8, 2010.
- 13. "Street View Data" means all data collected or recorded by Google's Street View vehicles operating in the United States from January 1, 2007 through November 8, 2010,

1	including but not limited to all data collected or recorded by the software and hardware
2	described in the June 3, 2010 report prepared by Stroz Friedberg for Google and Perkins Coie.
3	FORMAT OF PRODUCTION
4	Plaintiffs request that You meet and confer regarding the production format(s) for all data
5	or documents maintained in electronic form. Unless otherwise requested, all such data or
6	documents are to be produced in an agreed-upon, computer searchable format.
7	DOCUMENTS TO BE PRODUCED
8	REQUEST FOR PRODUCTION NO. 1:
9	All Street View Data.
10	RESPONSE TO REQUEST FOR PRODUCTION NO. 1:
11	
12	REQUEST FOR PRODUCTION NO. 2:
13	All software and hardware used to collect and record Street View Data.
14	RESPONSE TO REQUEST FOR PRODUCTION NO. 2:
15	
16	REQUEST FOR PRODUCTION NO. 3:
17	All data and documents correlating or associating Street View Data with the name of a
18	Person, with geographic coordinates or with physical addresses or locations.
19	RESPONSE TO REQUEST FOR PRODUCTION NO. 3:
20	
21	REQUEST FOR PRODUCTION NO. 4:
22	All documents relating to the operation of the software and hardware used by Google's
23	Street View Vehicles to collect and record Street View Data, including all documents explaining
24	how the software and hardware collects, parses, and stores Street View Data.
25	RESPONSE TO REQUEST FOR PRODUCTION NO. 4:
26	
27	
28	
	i

1	REQUEST FOR PRODUCTION NO. 5:	
2	All documents relating to the structure, configuration and format of the Street View Data,	
3	including field types and data definitions.	
4	RESPONSE TO REQUEST FOR PRODUCTION NO. 5:	
5		
6	REQUEST FOR PRODUCTION NO. 6:	
7	Any and all documents relating to the named Plaintiffs in this action.	
8	RESPONSE TO REQUEST FOR PRODUCTION NO. 6:	
9		
10	REQUEST FOR PRODUCTION NO. 7:	
11	Any and all documents relating to any changes or differences between the Street View	
12	Data that was collected and recorded by Street View Vehicles and the data produced to Plaintiffs	
13	(e.g., in response to Request No. 1).	
14	RESPONSE TO REQUEST FOR PRODUCTION NO. 7:	
15		
16	TOPICS FOR DEPOSITION	
17	1. The structure, configuration, and format of the Street View Data, including field	
18	types and data definitions;	
19	2. The function and operation of the software and hardware used to collect and record	
20	Street View Data;	
21	3. All document retention or destruction policies that would relate to any of the	
22	Requested Documents;	
23	4. The method of search made by Google for the Requested Documents;	
24	5. Any changes or differences between the Street View Data that was collected and	
25	recorded by Street View Vehicles and the data produced to Plaintiffs (e.g., in response to Request	
26	No. 1).	
27	6. The completeness of Google's production of the Requested Documents as of the	
28	date of the deposition;	

Case3:10-md-02184-CRB Document109-2 Filed03/07/14 Page9 of 10

1	7. T	he identity of the cust	todian(s) of the Requested Documents; and
		•	•
2	8. T	ne authenticity of the	Requested Documents.
3			
4	Dated: February	11, 2014	Respectfully submitted,
5			By: /s/ Jeffrey L. Kodroff
6			SPECTOR ROSEMAN KODROFF & WILLS, PC Jeffrey L. Kodroff, Esq.
7			jkodroff@srkw-law.com John A. Macoretta, Esq.
8			jmacoretta@srkw-law.com
9			Mary Ann Geppert, Esq. mgeppert@srkw-law.com
10			1818 Market St., Ste. 2500 Philadelphia, PA 19103
11			Tel. 215-496-0300 Fax. 215-496-6611
12			COHEN MILSTEIN SELLERS & TOLL PLLC
13			Daniel A. Small, Esq. dsmall@cohenmilstein.com
14			David A. Young, Esq. dyoung@cohenmilstein.com
15			1100 New York Avenue, NW, Suite 500W Washington, DC 20005
16			Tel. 202-408-4600 Fax. 202-408-4699
17			Plaintiffs' Co-Lead Counsel
18			
19			LIEFF CABRASER HEIMANN & BERNSTEIN, LLP Elizabeth J. Cabraser, Esq. (SBN: 083151)
			ecabraser@lchb.com Michael W. Sobol (SBN: 194857)
20			msobol@lchb.com Nicole D. Sugnet (SBN: 246255)
21			nsugnet@lchb.com 275 Battery Street, 29th Floor
22			San Francisco, CA 94111-3339 Tel. 415-956-1000
23			Fax. 415-956-1008
24			Plaintiffs' Liaison Counsel
25			
26			
27			
28			

CERTIFICATION OF SERVICE I hereby certify that on February 11, 2014, I served Plaintiffs' Notice Pursuant to Fed. R. Civ. P. 30(B)(2) and 30(B)(6) and First Set of Requests for Production of Documents Pursuant to Rule 34 to Michael Rubin, Wilson Sonsini Goodrich & Rosati, P.C., 650 Page Mill Road, Palo Alto, CA 94304-1050, attorney for the Defendant Google Inc., via email and regular mail. I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing is willfully false, I may be subject to punishment. **Dated:** February 11, 2014 /s/ Jeffrey L. Kodroff Jeffrey L. Kodroff, Esquire

EXHIBIT B

TO THE DECLARATION OF MICHAEL H. RUBIN



One Market Plaza Spear Tower, Suite 3300 San Francisco, CA 94105-1126 PHONE 415.947.2000 FAX 415.947.2099 www.wsgr.com

February 21, 2014

Via Electronic Mail

Jeffrey L. Kodroff, Esq. Spector Roseman Kodroff & Wills, PC 1818 Market St., Ste. 2500 Philadelphia, PA 19103 jkodroff@srkw-law.com

> Re: In re Google Inc. Street View Electronic Communications Litigation, Case No. 3:10-md-02184-CRB (N.D. Cal.)

Dear Mr. Kodroff:

We received the discovery you served on February 11, 2014. It is not limited to the threshold jurisdictional question confronting the parties and the Court. The only relevant question during this period of "limited jurisdictional discovery" is whether Google acquired payload data transmitted from a Wi-Fi network belonging to one or more of the named Plaintiffs. Attached is a stipulation that provides an efficient and structured means of answering that question without venturing improperly into collateral matters.

We suggest that the parties discuss this process in the coming days once you have had an opportunity to review the stipulation. Please let me know when you are available.

Sincerely,

WILSON SONSINI GOODRICH & ROSATI

Professional Corporation

Michael H Ruhin

Attorneys for Defendant Google Inc.

cc: Counsel for Plaintiffs

	IEEEDEN I KUDDUEE	MICHAEL H DIIDIN CDN 21/626	
1	JEFFREY L. KODROFF JOHN A. MACORETTA	MICHAEL H. RUBIN, SBN 214636 WILSON SONSINI GOODRICH & ROSATI	
2	MARY ANN GEPPERT SPECTOR ROSEMAN KODROFF & WILLS	Professional Corporation One Market Plaza, Spear Tower	
3	1818 Market Street Suite 2500	Suite 3300 San Francisco, CA 94105	
4	Philadelphia, PA 19103 Telephone: (215) 496-0300	Telephone: (415) 947-2000 Facsimile: (415) 947-2099	
5	Facsimile: (215) 496-6611 Email: jkodroff@srkwlaw.com	Email: mrubin@wsgr.com	
6	DANIEL A. SMALL	DAVID H. KRAMER, SBN 168452	
7	DAVID A. YOUNG COHEN MILSTEIN SELLERS & TOLL	DYLAN J. LIDDIARD, SBN 203055 WILSON SONSINI GOODRICH & ROSATI	
8	1100 New York Avenue NW Suite 500 West	Professional Corporation 650 Page Mill Road	
9	Washington, DC 20005 Telephone: (202) 408-4600	Palo Alto, CA 94304-1050 Telephone: (650) 493-9300	
10	Facsimile: (202) 408-4699 Email: dsmall@cohenmilstein.com	Facsimile: (650) 565-5100 Email: dkramer@wsgr.com	
11		dliddiard@wsgr.com	
12	Interim Class & Co-Lead Counsel	Attorneys for Defendant Google Inc.	
13			
14	UNITED STATES D	DISTRICT COURT	
	NORTHERN DISTRICT OF CALIFORNIA		
15	NORTHERN DISTRIC	CT OF CALIFORNIA	
15 16	NORTHERN DISTRIC SAN FRANCISO		
	SAN FRANCISO	CO DIVISION	
16			
16 17	SAN FRANCISO IN RE GOOGLE INC. STREET VIEW	CO DIVISION	
16 17 18	SAN FRANCISO IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS	CO DIVISION CASE NO.: 3:10-md-02184-CRB STIPULATION REGARDING	
16 17 18 19	SAN FRANCISO IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS	CO DIVISION CASE NO.: 3:10-md-02184-CRB STIPULATION REGARDING JURISDICTIONAL DISCOVERY	
16 17 18 19 20	SAN FRANCISO IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS	CO DIVISION CASE NO.: 3:10-md-02184-CRB STIPULATION REGARDING JURISDICTIONAL DISCOVERY	
16 17 18 19 20 21	SAN FRANCISO IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS	CO DIVISION CASE NO.: 3:10-md-02184-CRB STIPULATION REGARDING JURISDICTIONAL DISCOVERY	
16 17 18 19 20 21 22	SAN FRANCISO IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS	CO DIVISION CASE NO.: 3:10-md-02184-CRB STIPULATION REGARDING JURISDICTIONAL DISCOVERY	
16 17 18 19 20 21 22 23	SAN FRANCISO IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS	CO DIVISION CASE NO.: 3:10-md-02184-CRB STIPULATION REGARDING JURISDICTIONAL DISCOVERY	
16 17 18 19 20 21 22 23 24	SAN FRANCISO IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS	CO DIVISION CASE NO.: 3:10-md-02184-CRB STIPULATION REGARDING JURISDICTIONAL DISCOVERY	
16 17 18 19 20 21 22 23 24 25	SAN FRANCISO IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS	CO DIVISION CASE NO.: 3:10-md-02184-CRB STIPULATION REGARDING JURISDICTIONAL DISCOVERY	
16 17 18 19 20 21 22 23 24 25 26	SAN FRANCISO IN RE GOOGLE INC. STREET VIEW ELECTRONIC COMMUNICATIONS	CO DIVISION CASE NO.: 3:10-md-02184-CRB STIPULATION REGARDING JURISDICTIONAL DISCOVERY	

CASE No. 3:10-MD-02184-CRB

STIPULATION REGARDING

JURISDICTIONAL DISCOVERY

1		<u>DEFINITIONS</u>
2		For the purposes of this Jurisdictional Discovery Process, the following definitions shall
3	apply:	
4	1.	"Basic Network Information" shall mean unique information identifying a particular
5		router, such as the router's Basic Service Set Identification (BSSID) or media access con-
6		trol (MAC) address.
7	2.	"Complaint" shall refer to the Consolidated Class Action Complaint filed November 8,
8		2010, Docket No. 54.
9	3.	"Confidential Material" shall refer to information, documents, communications, and
10		things relating to jurisdictional discovery in this action.
11	4.	"Neutral" shall refer to a neutral third-party network security firm to be agreed upon by
12		the Parties pursuant to the process set forth below.
13	5.	"Payload Data" shall mean the information contained within a data frame acquired from
14		an unencrypted wireless network by Google's Street View vehicles operating in the Unit-
15		ed States from January 1, 2007 through May 15, 2010, and shall exclude management,
16		control, and data frames themselves.
17	6.	"Plaintiff" shall refer to the following named plaintiffs, identified as appellees in the
18		Ninth Circuit appeal in this action: Dean M. Bastilla, Rick Benitti, Matthew Berlage,
19		Russell Carter, Stephanie Carter, Jeffrey Colman, Bertha Davis, James Fairbanks, Ben-
20		jamin Joffe, Patrick Keyes, Aaron Linsky, Jennifer Locsin, Lilla Marigza, Eric Myhre,
21		John E. Redstone, Karl H. Schulz, Jason Taylor, Vicki Van Valin.
22	7.	"Plaintiffs' Counsel" shall refer to Plaintiffs' Co-Lead Counsel and Plaintiffs' Liaison
23		Counsel as appointed by the Court in this action.
24	//	
25	//	
26	//	
27	//	
28		

1 PROCESS FOR JURISDICTIONAL DISCOVERY 2 **Selection of the Neutral** 1. 3 a. Within 14 days of the Parties' agreement to this Jurisdictional Discovery Process, Google shall identify to Plaintiffs' Counsel no fewer than five potential Neutrals. 4 5 b. Within seven days thereafter, Plaintiffs' Counsel shall select a Neutral from among 6 Google's proposed choices and inform counsel for Google of their selection. 7 c. Following the selection of the Neutral, either Party may request the removal or re-8 placement of the Neutral for good cause shown. 9 d. The Parties shall split all fees and costs associated with the Neutral on a 50/50 basis. 10 2. Role of the Neutral 11 The Neutral's sole charge shall be to develop and execute a protocol for determining whether any Plaintiff's Payload Data was acquired by Google (the "Protocol"), and to 12 13 produce a report as specified in Section 4. 14 b. The Neutral shall develop the Protocol following receipt of the materials specified in 15 Section 3. c. Each Party shall cooperate with the Neutral in its efforts to develop the Protocol and 16 17 to carry out its charge. 18 d. The Neutral shall begin to execute the Protocol once both Parties have agreed to the 19 Protocol, such agreement not to be unreasonably withheld. 20 3. **Depositing of Information with the Neutral** 21 a. No later than fourteen days following selection of the Neutral, Google shall deposit 22 with the Neutral the following items in its possession, custody or control: 23 i. a copy of the hard drive produced to the Oregon federal district court in MDL 24 member case Van Valin v. Google Inc. following that court's order of May 24, 25 2010, which contains Payload Data removed from Google's servers in May 26 2010 (the "Payload Drive"); 27

28

- ii. a copy of the hard drive containing the Basic Network Information previously resident on Google's servers (the "BNI Drive"); and
- iii. any Street View car disk that was in circulation in the United States prior to May 15, 2010 but never processed and therefore may contain Basic Network Information along with Payload Data (the "Car Drives").
- b. No later than fourteen days following selection of the Neutral, each Plaintiff shall deposit with the Neutral the following items in his or her possession, custody, or control:
 - any wireless router that Plaintiff used to maintain an unencrypted Wi-Fi network between January 1, 2007 and May 15, 2010, as alleged in paragraphs 18-38 of the Complaint.
- c. In conjunction with making these deposits, each Party shall provide declarations attesting to the authenticity of the items deposited with the Neutral. Such declarations shall be provided both to the Neutral and to the opposing Party.

4. The Neutral's Report

- a. Following completion of the Neutral's Protocol described in Section 2, the Neutral shall provide to Plaintiffs' Counsel and to counsel for Google a Report setting forth:
 - i. the agreed-upon Protocol the Neutral used;
 - ii. the data security and integrity practices the Neutral employed to safeguard, process, and review the information deposited with it; and
 - iii. on a per-Plaintiff basis, whether Basic Network Information was collected from each Plaintiff's router and, if so, whether any Payload Data was also collected from that network. The Report shall not contain any additional information.
- b. In the event that Basic Network Information or Payload Data were acquired from a Plaintiff's network, the Neutral shall also provide a copy of that information to each Party in native form in conjunction with the Report.

28

5. Joint Case Status Report Following Neutral's Report 1 2 a. No later than 20 days after issuance of the Neutral's Report, the Parties shall jointly 3 submit to the Court a Joint Case Status Report and jointly request that the Court schedule a Case Management Conference. 4 5 6. Confidentiality 6 a. Neither the Parties nor the Neutral shall disclose any Confidential Material to any 7 third party except pursuant to a Court order or by written agreement of the Parties. 8 b. The Neutral may use and disclose Confidential Material received from the Parties on-9 ly to the extent such use and disclosure is permitted pursuant to Sections 2 and 4 of 10 this Jurisdictional Discovery Process. The Neutral shall make no other disclosure of 11 any Party's Confidential Material to the opposing Party except pursuant to a Court 12 order or by written agreement of the Parties. 13 7. **Scope of Jurisdictional Discovery** 14 a. Unless agreed to by the Parties or specifically ordered by the Court, this Jurisdictional 15 Discovery Process shall be the full extent of jurisdictional discovery conducted by the 16 Parties. DATED: _____, 2014 17 WILSON SONSINI GOODRICH & ROSATI, P.C. David H. Kramer 18 Michael H. Rubin Dylan J. Liddiard 19 20 21 Attorneys for Defendant Google Inc. 22 23 DATED: _____, 2014 SPECTOR ROSEMAN KODROFF & WILLIS, P.C. Jeffrey L. Kodroff 24 John A. Macoretta Mary Ann Geppert 25 26 27 Plaintiffs' Co-Lead Counsel 28

1 2	DATED:	, 2014	COHEN MILSTEIN SELLERS & TOLL PLLC Daniel A. Small David A. Young	
3				
4			By:	
5			Plaintiffs' Co-Lead Counsel	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
	l c		G. G. No. 2.10 02104 (ODD

STIPULATION REGARDING JURISDICTIONAL DISCOVERY

1	MICHAEL H. RUBIN, SBN 214636		
2	WILSON SONSINI GOODRICH & ROSATI Professional Corporation		
3	One Market Plaza, Spear Tower Suite 3300		
4	San Francisco, CA 94105 Telephone: (415) 947-2000		
5	Facsimile: (415) 947-2099 Email: mrubin@wsgr.com		
6	DAVID H. KRAMER, SBN 168452		
7	DYLAN J. LIDDIARD, SBN 203055 WILSON SONSINI GOODRICH & ROSATI Professional Corporation		
8	650 Page Mill Road Palo Alto, CA 94304-1050		
9	Telephone: (650) 493-9300 Facsimile: (650) 565-5100		
10	Email: dkramer@wsgr.com dliddiard@wsgr.com		
11	unddiaid@wsgr.com		
12	Attorneys for Defendant Google Inc.		
13	UNITED STATES DISTRICT COURT		
14			
15			
16	SAN FRANCISCO DIVISION		
17	IN RE GOOGLE INC. STREET VIEW ELEC-) CASE NO.: 3:10-md-02184-CRB TRONIC COMMUNICATIONS LITIGATION)		
18) [PROPOSED]) ORDER GRANTING MOTION FOR		
19) ADMINISTRATIVE RELIEF TO EN-) FORCE THE COURT'S FEBRUARY		
20) 7, 2014 ORDER		
21			
22			
23)		
24			
25			
26			
20			
27			
27			

[Proposed] Order Case No.: 3:10-md-02184-CRB

Now before the Court is Defendant Google Inc.'s ("Google's") Motion for Administrative Relief to Enforce the Court's February 7, 2014 Order, filed March 7, 2014. On review of Google's Motion, the declaration and exhibits filed in support thereof, [Plaintiffs' opposition,] the pleadings, records, and papers on file in this action, and good cause appearing, Google's Motion is hereby GRANTED; and the Court ORDERS as follows:

DEFINITIONS

For the purposes of this Order, the following definitions shall apply:

- 1. "Basic Network Information" shall mean unique information identifying a particular router, such as the router's Basic Service Set Identification (BSSID) or media access control (MAC) address.
- 2. "Complaint" shall refer to the Consolidated Class Action Complaint filed November 8, 2010, Docket No. 54.
- 3. "Confidential Material" shall refer to information, documents, communications, and things relating to jurisdictional discovery in this action.
- 4. "Neutral" shall refer to a neutral third-party network security firm to be agreed upon by the Parties pursuant to the process set forth below.
- 5. "Payload Data" shall mean the information contained within a data frame acquired from an unencrypted wireless network by Google's Street View vehicles operating in the United States from January 1, 2007 through May 15, 2010, and shall exclude management, control, and data frames themselves.
- "Plaintiff" shall refer to the following named plaintiffs, identified as appellees in 6. the Ninth Circuit appeal in this action: Dean M. Bastilla, Rick Benitti, Matthew Berlage, Russell Carter, Stephanie Carter, Jeffrey Colman, Bertha Davis, James Fairbanks, Benjamin Joffe, Patrick Keyes, Aaron Linsky, Jennifer Locsin, Lilla Marigza, Eric Myhre, John E. Redstone, Karl H. Schulz, Jason Taylor, Vicki Van Valin.
- 7. "Plaintiffs' Counsel" shall refer to Plaintiffs' Co-Lead Counsel and Plaintiffs' Liaison Counsel as appointed by the Court in this action.

28

27

24

25

26

1 PROCESS FOR JURISDICTIONAL DISCOVERY **Selection of the Neutral** 2 1. 3 Within fourteen days of entry of this Order, Google shall identify to Plaina. tiffs' Counsel no fewer than five potential Neutrals. 4 5 Within seven days thereafter, Plaintiffs' Counsel shall select a Neutral b. from among Google's proposed choices and inform counsel for Google of 6 7 their selection. 8 Following the selection of the Neutral, either Party may request the rec. 9 moval or replacement of the Neutral for good cause shown. d. The Parties shall split all fees and costs associated with the Neutral on a 10 50/50 basis. 11 12 2. Role of the Neutral 13 The Neutral's sole charge shall be to develop and execute a protocol for a. determining whether any Plaintiff's Payload Data was acquired by Google 14 15 (the "Protocol"), and to produce a report as specified in Section 4. The Neutral shall develop the Protocol following receipt of the materials 16 b. 17 specified in Section 3. 18 Each Party shall cooperate with the Neutral in its efforts to develop the c. 19 Protocol and to carry out its charge. d. 20 The Neutral shall begin to execute the Protocol once both Parties have agreed to the Protocol, such agreement not to be unreasonably withheld. 21 **Depositing of Information with the Neutral** 22 3. 23 No later than fourteen days following selection of the Neutral, Google a. shall deposit with the Neutral the following items in its possession, custo-24 25 dy or control: 26 i. a copy of the hard drive produced to the Oregon federal district 27 court in MDL member case Van Valin v. Google Inc. following 28 that court's order of May 24, 2010, which contains Payload Data

1			removed from Google's servers in May 2010 (the "Payload
2			Drive");
3		ii.	a copy of the hard drive containing the Basic Network Information
		11.	
4			previously resident on Google's servers (the "BNI Drive"); and
5		iii.	any Street View car disk that was in circulation in the United
6			States prior to May 15, 2010 but never processed and therefore
7			may contain Basic Network Information along with Payload Data
8			(the "Car Drives").
9		b. No la	ater than fourteen days following selection of the Neutral, each
10		Plaint	tiff shall deposit with the Neutral the following items in his or her
11		posse	ssion, custody, or control:
12		i.	any wireless router that Plaintiff used to maintain an unencrypted
13			Wi-Fi network between January 1, 2007 and May 15, 2010, as al-
14			leged in paragraphs 18-38 of the Complaint.
15		c. In cor	njunction with making these deposits, each Party shall provide decla-
16		ration	is attesting to the authenticity of the items deposited with the Neutral.
17		Such	declarations shall be provided both to the Neutral and to the oppos-
18		ing Pa	arty.
19	4.	4. The Neutral's Report	
20		a. Follow	wing completion of the Neutral's Protocol described in Section 2, the
21	Neutral shall provide to Plaintiffs' Counsel and to counsel for Google a		
22	Report setting forth:		
23		i.	the agreed-upon Protocol the Neutral used;
24		ii.	the data security and integrity practices the Neutral employed to
25			safeguard, process, and review the information deposited with it
26			and
		iii.	
27		111.	on a per-Plaintiff basis, whether Basic Network Information wa
28			collected from each Plaintiff's router and, if so, whether any Pay
I			

load Data was also collected from that network. The Report shall 1 2 not contain any additional information. 3 b. In the event that Basic Network Information or Payload Data were acquired from a Plaintiff's network, the Neutral shall also provide a copy of 4 5 that information to each Party in native form in conjunction with the Re-6 port. 7 5. Joint Case Status Report Following Neutral's Report 8 No later than twenty days after issuance of the Neutral's Report, the Para. 9 ties shall jointly submit to the Court a Joint Case Status Report and jointly request that the Court schedule a Case Management Conference. 10 11 6. **Confidentiality** 12 Neither the Parties nor the Neutral shall disclose any Confidential Material a. 13 to any third party except pursuant to a Court order or by written agreement of the Parties. 14 The Neutral may use and disclose Confidential Material received from the 15 b. 16 Parties only to the extent such use and disclosure is permitted pursuant to 17 Sections 2 and 4 of this Order. The Neutral shall make no other disclosure of any Party's Confidential Material to the opposing Party except pursuant 18 to a Court order or by written agreement of the Parties. 19 7. 20 **Scope of Jurisdictional Discovery** 21 Unless agreed to by the Parties or further ordered by the Court, the process a. for jurisdictional discovery set forth in this Order shall be the full extent of ju-22 risdictional discovery conducted by the Parties. 23 SO ORDERED. 24 25 26 DATED: The Honorable Charles R. Breyer 27 United States District Judge 28