

JAN 28 2013

Superior Court of California  
County of Placer

CLERK  
J. Schell

Wallace, et al ) Case No.: S-CV-0016410  
Plaintiff, )  
vs. ) **RULING ON ALL SUBMITTED MOTIONS**  
Monier, LLC, et al )  
Defendant. )

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This is a class action jury trial alleging violations of the Consumer Legal Remedies Act (CLRA) and the Unfair Competition Law (UCL). Trial commenced on October 22, 2012 and extensive motions-in-limine were filed with the court. Due to a number of considerations (including the availability of witnesses necessary to hear and resolve the motions-in-limine) the court proceeded to select and empanel a jury on November 1, 2012. A two day combined "Kelly" and Evidence Code sec. 402 hearing was held on November 16 and 28, 2012. Testimony was taken from both plaintiff and defense experts on the use of a particular statistical sampling methodology proposed for the case. After lengthy argument the matters were taken under submission. The Plaintiff rested its case-in-chief on December 3, 2012 and the Defendant moved for nonsuit and decertification. Oral argument was heard on these latter motions on December 7, 2012 and they were also taken under submission. The defense presented its case

1 and a jury verdict subsequently given in favor of plaintiff.

2 Thus, the motions addressed in this ruling are: a challenge to the plaintiff's expert testimony  
3 under People v. Kelly (1976) 17 Cal.3d 24 and Evidence Code sec. 402; a motion for nonsuit  
4 under C.C.P. 581c (as to the CLRA cause of action) and judgment under C.C.P. 631.8 (on  
5 the UCL cause of action), and a separate request for class decertification. After full and due  
6 consideration of all relevant papers, oral argument and the applicable law the court now rules as  
7 follows:

8 A. BACKGROUND

9 This case involves what is called "slurry coated" concrete roof tiles used in residential buildings.  
10 Plaintiff alleges that defendant affirmatively misrepresented to California consumers certain  
11 qualities and characteristics of the tiles and that it knowingly failed to disclose that its slurry  
12 coated tiles erode to bare concrete substantially before their represented 50 year life. The  
13 defendant had several manufacturing plants in California and the tiles were sold throughout  
14 most of the state. The issue is solely one of aesthetics; the tile color (the "slurry coat")  
15 gradually wears off due to precipitation and other factors while the underlying concrete tile  
16 continues to function as effective roof protection. The complaint was filed on November 14,  
17 2003. The trial court originally denied certification and the matter was appealed to both the  
18 Court of Appeal and the Supreme Court. The appellate court eventually determined certification  
19 was appropriate (McAdams v. Monier (2010) 182 Cal.App. 4th 174) and the trial court formally  
20 certified the class on August 11, 2010.

21 The class is defined as:

22 "All individuals in the State of California who own, for personal, family or household use,  
23 structures with slurry-coated roof tiles sold by Monier Company, Monier Roof Tile, Inc.,  
24 or Monier Inc. between January 1, 1978, and August 14, 1997; and  
25 All California individuals who owned such homes for personal, family or household use

1 and who paid to replace or repair such Tiles. Membership in the Class is limited to those  
2 who, prior to purchasing or obtaining their Monier roof tiles product, were exposed to a  
3 statement along the lines that the Tiles would have a 50 year life, permanent color, or  
4 would be maintenance free. The class excludes the trial judge and his family, and  
5 defendant and its counsel.”

6 The case was vigorously litigated by experienced and knowledgeable counsel. Although  
7 counsel was professional and courteous at all times, there have been very few litigation issues  
8 or matters on which they agreed (e.g. no joint experts or trial stipulations of any significant  
9 weight.) Numerous discovery disputes occurred and Defendant filed Motions for Summary  
10 Adjudication and Decertification and Plaintiff filed a Motion to Augment Expert Testimony, all  
11 of which were denied. Plaintiff filed its Trial Plan on October 26, 2012 (four days after trial had  
12 commenced.) The Trial Plan set forth the basic elements of the CLRA and UCL causes of  
13 action and indicated that, in addition to expert testimony regarding the roof tiles’ performance  
14 “the Plaintiff Class will present class member testimony regarding their experiences with  
15 premature erosion of their slurry coated roof tiles”. The Plan did not discuss in any detail the  
16 particular methodology that is at issue in the present motions. The Plan was not approved  
17 or endorsed by the Court. The Plaintiff Class seeks compensatory and punitive damages,  
18 restitution, and attorneys fees.

#### 19 B. DISCUSSION

20 The defendant sold the subject roof tiles to developers, roofing supply distributors and  
21 contractors. The Defendant did not operate any retail outlets; a homeowner interested in  
22 installation of the color coated tiles on his or her residence would have to go through one of the  
23 above-described middlemen. Thus, the Defendant did not have records that showed where or  
24 on how many homes the tiles had been installed during the almost 20 year class period. The  
25 Plaintiff’s method for determining the number of California homes with the subject tiles was to

1 was to have an expert Certified Public Accountant statistically analyze the gross production and  
2 sales records for the Defendant's California tile manufacturing plants over the time in question.

3 These records were not complete and the expert made adjustments and assumptions for such  
4 things as waste, market share and individual plant production to eventually arrive at a figure  
5 at trial of 127,746 homes. The accuracy of this figure, of course, was strenuously challenged  
6 by defendant but the court finds the method used by plaintiff for this issue as being within the  
7 range of acceptable means to determine the number of homes with qualifying tiles and the  
8 corresponding number of "potential class members." Likewise, the court finds that the method  
9 used to establish a \$3705 cost to recoat the tiles on an average home to be acceptable.

10 The 127,746 number reflects the homes that plaintiff contended had the slurry-coated Monier  
11 tiles installed. This number, in and of itself, did not necessarily reflect the actual class size.

12 The class definition set out above includes what has been called "the proviso"; specifically, the  
13 requirement that a class member "had to have been exposed to a statement along the lines that  
14 the roof tile would last 50 years, or would have a permanent color, or would be maintenance  
15 free". The methodology Plaintiff seeks to use to prove the size of the class was to have 22  
16 individual homeowners randomly selected from the potential class (again, the 127,746 homes  
17 with slurry-coated roof tiles). These 22 homeowners (the "sample group") had their depositions  
18 taken and, ultimately, 16 testified at trial. Plaintiff contends it is the role of the fact-finder (judge  
19 or jury) to make the final determination as to whether or not any of these 16 potential class  
20 members actually satisfy the proviso. The plaintiff submits that simple statistical  
21 extrapolation allows the fact-finder to determine not only the size of the class but also establish  
22 liability and damages as well.

23 In this regard, Plaintiff relied upon its expert, Dr. Gary Lorden. Dr. Lorden is a retired statistics  
24 professor from the California Institute of Technology with considerable experience as a  
25 forensics statistician in construction defect litigation and, to a lesser degree, class action cases.

1 Dr. Lorden testified that he was familiar with the standard references and treatises pertaining  
2 to the collection and analysis of data for use in class action cases including, but not limited  
3 to, "Reference Guide on Survey Research" by Dr. Shari Diamond and the Federal Judicial  
4 Center's "Reference Manual for Scientific Evidence", 3rd ed.,2011) and the concepts and  
5 practices discussed therein. He described in detail the methodology offered for use in this case  
6 to determine the size of the class, the liability of the Defendant and the amount of damages.

7 Dr. Lorden explained that this particular methodology is not a traditional survey approach often  
8 used in class actions but is based upon a process known as statistical sampling.

9 Dr. Lorden's particular methodology is essentially a three step-process: first, a sample group  
10 of individual homeowners are randomly selected from the much larger group of potential class  
11 members; second, the sample homeowners testify as to the facts and circumstances about  
12 their purchase or acquisition of the tiles on their residence and their subsequent performance  
13 in order to demonstrate satisfaction of the requirements of the "proviso". Lastly, the jury then  
14 uses simple statistical extrapolation to determine the actual size of the class and the amount of  
15 aggregate damages. Dr. Lorden did not opine as to whether or not any member of the sample  
16 group actually met the proviso. He emphatically asserted that this determination was best left  
17 to the jury. In essence, he testified that the proviso requirements were of such a nature or type  
18 that it would be too difficult, expensive or time-consuming to use traditional survey  
19 methods.

20 Dr. Kent Van Lier, defendant's expert, testified at the combined Kelly/402 hearing and before  
21 the jury about specific defects he contends exist in Dr. Lorden's methodology. He asserts that  
22 the means by which Dr. Lorden selected the 22 deponents in the sample group fails to meet  
23 generally accepted standards among statisticians and social scientists who conduct surveys  
24 and polls used in litigation. Dr. Van Lier relied heavily on the tenets and principles set out  
25 in the above-referenced treatises and authorities (i.e. Prof. Diamond's "Reference Guide on

1 Survey Research” and the “Reference Manual on Scientific Evidence”.) He opined that Dr.  
2 Lorden had failed to adequately address selection bias. Dr. Van Lier pointed to the fact that  
3 Plaintiff attorneys had been involved in the sample group selection process (e.g sending a letter  
4 to prospective deponents asking for their assistance in the case and requesting information;  
5 evaluating or “coding” responses to the questionnaire sent to prospective deponents; meeting  
6 with or otherwise communicating with sample group members) as evidence of a substantial  
7 potential for selection bias which would render the results suspect and professionally unreliable.  
8 Dr. Van Lier pointed out a number of other concerns with Dr. Lorden’s methodology including  
9 what he contends is an unacceptable margin of error in determining potential damages.

10 The designated class representative, Mr. McAdams, testified that he received an misleading  
11 advertising brochure from Defendant that promised “permanent color”, that it was material to his  
12 decision and that he relied upon this representation in making a decision to purchase the slurry  
13 coated concrete roof tiles for his home. Mr. McAdams testified that had he known that the tiles  
14 on his home would lose their color coat and erode to bare concrete he would not have bought  
15 them. Plaintiff argues that the jury is entitled to infer that all other class members likewise  
16 relied upon a similar material and misleading misrepresentation and that they suffered a similar  
17 economic loss. In addition, Plaintiff contends the jury may also consider the testimony of the  
18 sample group members who testified in this regard.

#### 19 C. KELLY/EVIDENCE CODE Sec. 402 MOTIONS

20 A Kelly hearing determines the basis and reliability of new scientific methodology.  
21 (People v. Kelly (1976) 17 Cal.3d 24, 31; People v. Bolden (2002) 29 Cal.4th 515, 544-  
22 545.) The hearing is limited to expert testimony based on new techniques, processes,  
23 or theories. (People v. Leahy (1994) 8 Cal.4th 587, 605.) The purpose is “to protect  
24 the jury from techniques which ... convey a ‘misleading aura of certainty.’ ” (Id. at  
25 p. 606.) The methodology must meet a three-pronged test in order to establish its

1 scientific basis and reliability. (Ibid.) The first prong requires a showing that the  
2 reliability of the methodology must be generally accepted by recognized authorities  
3 in the related scientific field. (Ibid.) Under the second prong, it is necessary to show  
4 that the testimony must be given by an expert on the subject matter. (Ibid.) The final  
5 prong is that there must be a showing that the correct scientific procedures were used  
6 in administering the methodology. (Ibid.)

7 The purpose of an Evidence Code §402 hearing is to decide preliminary questions  
8 of fact upon which the admissibility of evidence depends. (Evid C§§400, 401, 402.)

9 The party offering the proffered evidence has the burden of producing evidence as  
10 to the existence of the preliminary fact. (Evid. C§403(a).) "The proffered evidence is  
11 inadmissible unless the court finds that there is evidence sufficient to sustain a finding  
12 of the existence of the preliminary fact, when: (1) The relevance of the proffered  
13 evidence depends on the existence of the preliminary fact; (2) The preliminary fact is  
14 the personal knowledge of a witness concerning the subject matter of his testimony; (3)  
15 The preliminary fact is the authenticity of the a writing; or (4) The proffered evidence  
16 is of a particular person and the preliminary fact is whether that person made the  
17 statement or so conducted himself."

18 The preliminary issue of admissibility of evidence is decided by the trial judge. (Evid.  
19 C§310(a).) This includes the admissibility of expert witness testimony. (Evid C§801(b).) The  
20 preliminary determination of the trial court as to whether an expert opinion is founded on sound  
21 logic is determined by examining whether the matter relied on can provide a reasonable basis  
22 for the opinion or whether the opinion is based upon a leap of logic or conjecture.

### 23 1. THE METHODOLOGY IN QUESTION

24 (a) The use of statistics and sampling has received a lot of attention and discussion in state  
25 and federal class action cases in recent years. There has been a gradual trend of sorts towards

1 the use and acceptance of statistics as a method of proof. At the risk of oversimplification,  
2 the use of statistics has been determined to be appropriate in certain class action cases for  
3 the purpose of determining aggregate damages and, in very limited situations, some aspect  
4 of liability (see *Bell v. Farmers Ins. Exchange*, 2004, 115 Cal.App.4th 715). The vast majority  
5 of class action cases that involve surveys and statistics as methods of proof arise out of  
6 employment and labor disputes (e.g. wages, overtime, classifications, etc). In these cases  
7 courts have allowed the use of certain statistical tools and methods to address the unique  
8 problems of proof, strong public policies, and specific state and federal statutes associated  
9 with labor employment issues. These factors are simply not present or relevant to the instant  
10 litigation.

11 Upon direct inquiry from the court, Plaintiff counsel was unable to cite any state or federal  
12 reported case in which this particular methodology (statistical sampling using testimony from  
13 individual potential class members) was approved or endorsed as an acceptable means of  
14 proof for either determination of actual class size or liability, or both. Likewise, after extensive  
15 and exhaustive research, this court was unable to discover any such reported case or even  
16 a favorable reference to the particular (or substantially similar) methodology at issue in any  
17 of the standard guides or reference materials. Indeed, the court's conclusion is that this is a  
18 methodology of first impression.

19 A very similar concept which addressed liability and damages only (i.e. not including the  
20 determination of class membership size) was heavily criticized by the U.S. Supreme Court in  
21 *Wal-Mart v. Dukes* (2011) 131 S. Ct. 2541, 2561):

22 "The Court of Appeals believed that it was possible to replace such proceedings with  
23 Trial by Formula. A sample set of the class members would be selected, as to whom  
24 liability for sex discrimination and the back pay owing as a result would be determined in  
25 depositions supervised by a master. The percentage of claims determined to be valid



1 would then be applied to the entire remaining class, and the number of (presumptively)  
2 valid claims thus derived would be multiplied by the average backpay award in the  
3 sample set to arrive at the entire class recovery— without further individualized  
4 proceedings. [internal citation omitted]. We disapprove that novel project.”

5 ( Part III of Justice Scalia’s majority opinion, all nine justices concurred)

6 Although this court may not necessarily be bound by the foregoing language arising out of a  
7 federal class action certification case involving questions of alleged gender discrimination and  
8 related issues, it finds the language resonates with some of the misgivings and concerns this  
9 court holds about the methodology in this case. The use of multiple “mini-trials” and statistical  
10 extrapolation to determine all of the essential components of a large class action litigation may  
11 be expedient and efficient but such outcomes must be balanced against the due process rights  
12 afforded a defendant.

13 In response to the language in Wal-Mart cited above, Plaintiff argues that the use of statistical  
14 sampling in class actions remains appropriate under California law. In support of this argument,  
15 Plaintiffs rely on existing California case law and, specifically, Justice Werdegar’s concurrence  
16 in *Brinker Restaurant v. Superior Court*, 165 Cal. 4th 1004 (2012) which noted that statistical  
17 sampling could be used in certain situations for proof of liability. A concurring opinion, however,  
18 is not the law. The Brinker concurrence also recognized (Brinker, supra, 53 Cal.4th at p. 1055  
19 [Werdegar, J., concurring]), that a trial Court may engage in a balancing of the disadvantages  
20 and advantages of a statistical sampling methodology and exercise its discretion accordingly.

21 (b) In addition, the essential element of the methodology in question (the use of live testimony  
22 to prove or disprove satisfaction of the proviso) was not developed or created by Dr. Lorden  
23 or even based on any prior studies or research by experts in the relevant fields of statistics or  
24 surveys. Dr. Lorden adopted the concept after initial discussions with Plaintiff’s counsel. He  
25 was told by counsel that they wanted to use depositions of potential class members to address

1 the proviso questions. Dr. Lorden testified "That was the big advantage of this thing that the  
2 lawyers said to me about 'we want to do depositions, have actual witnesses.' And I hadn't seen  
3 that before" (Trial transcript, Day 19, November 29, 2012, 125:15-18). Dr. Lorden's statistical  
4 expertise was directly involved in the selection process used to obtain the plaintiff sample  
5 group of 22 homeowners and in the proper use of statistical concepts and exhibits regarding  
6 damages. His enthusiasm for the new methodology is centered on his personal belief that the  
7 civil justice system, with the adversarial roles of counsel and the opportunity for direct and cross  
8 examination of witnesses, is a more effective way of determining the primary fact at issue in this  
9 case; namely, whether the elements of the proviso has been met as to the class as a whole.

10 (c) As noted above, the statistical sampling process in this case employs a series of 16  
11 minitrials. The sixteen potential class members are ostensibly testifying to prove their individual  
12 membership in the class but, under the extrapolation provisions of the methodology at issue,  
13 also for 5,806 other homeowners. Their credibility, veracity and ability to recollect events  
14 and facts from many years earlier is placed directly at issue. In no small measure, each of  
15 these sixteen potential class members are de facto class representatives for their own class  
16 of 5,806 other homeowners (to a certain degree, the role and testimony of the nominal class  
17 representative, Mr. McAdams, thus becomes somewhat superfluous.) The nature of their role  
18 and their testimony makes them highly interested parties in the outcome of the case. The  
19 potential is great that their testimony may be influenced, intentionally or unintentionally, by  
20 the fact that they have to persuade the jury that they meet the class definition. Plaintiff noted  
21 that it is not unusual to have actual class members testify at trial. Perhaps, but in such cases  
22 the class has already been established and this distinction makes such a large difference.  
23 Research has failed to uncover a single state or federal reported case where non-class  
24 members testified to prove their own membership in the class (let alone used as a basis to  
25 extrapolate to a larger number).

1 Further, if the jury were to decide that none of the sixteen met the proviso requirements then, by  
2 definition and pursuant to the methodology used by Plaintiff, there was no class to begin with.

3 As a matter of public policy, judicial efficiency and economy it would appear highly undesirable  
4 to hold a class action trial without first determining the size of the actual class. Typically, it is  
5 done through one or more of the survey methods discussed in the standard guides, manuals  
6 and treatises mentioned above or through other well-established and accepted means but, in  
7 any event, it is accomplished other than by direct testimony from potential class members.

8 Dr. Lorden's primary reason for endorsing the use of testimony from potential class members  
9 to demonstrate their exposure to the proviso is that he believes that that the court system and  
10 its processes (e.g. examination and cross-examination under oath) is a "better way" than the  
11 use of surveys. He stated that it would have been too difficult to develop a survey questionnaire  
12 that would adequately allow reasonable interpretations as to the proviso question (Trial  
13 Transcript, Day 19, November 29, 2012, 150:20-151:18). According to Dr. Lorden, the use of a  
14 survey to address the requirements of the proviso would have been "messy". The problem with  
15 this, of course, is that Dr. Lorden, by his own admission, is an expert in the field of statistics, not  
16 surveys, and there is no particular legal reason to believe that a well-designed and administered  
17 survey process could not have addressed the proviso issue. Indeed, Dr. Van Lier, an expert  
18 in the field of surveys, testified that such a approach could have been taken. Nonetheless, it  
19 is not the role of this court to determine whether or not the use of a survey would have been  
20 better, easier or more accurate but whether Dr. Lorden's opinion is based on speculation or  
21 conjecture. Other than his assertion, he was unable to cite the court to any study, article  
22 or discussion by any generally recognized authority in either the field of statistics or surveys  
23 that would support this underlying premise that the use of testimony is a superior method of  
24 determining a particular fact. His confidence in the court system ignores some of the problems  
25 associated with having questions of this nature determined by a judge or a jury. People don't

1 always tell or recall events accurately, intentionally or unintentionally, when their own personal  
2 pecuniary interests are at stake (this is aggravated in the present case by the fact that the  
3 class period {1978-1997} is a significant time in the past). Tools and techniques used in survey  
4 methodologies, such as double-blind interviews and neutral questionnaires, are designed to  
5 minimize bias and influence. Dr. Lorden's opinion that statistical sampling is a superior means  
6 of determining exposure to the terms of the proviso is without any factual support. It is entirely  
7 subjective and reflects his professional and personal background in numbers and statistics.

8 The court finds that Dr. Lorden's opinion in this regard is indeed based on conjecture and  
9 speculation.

10 (d) For the reasons set forth above, jointly and severally, this court finds that the opinion  
11 testimony of Dr. Lorden fails the first and third prong of the Kelly test and must be excluded.

12 The proposed methodology has not been generally accepted by recognized authorities  
13 in the field(s) of statistics or surveys. In addition, the Plaintiff has failed to show that the  
14 correct scientific procedures were used in administering the methodology; specifically, the  
15 use of testimony from potential class members to establish the overall size of the class by  
16 extrapolation.

17 Likewise, as a separate and distinct ground, under the provisions of Evidence Code sec. 402  
18 and 801, Dr. Lorden's expert opinions and methodology must be excluded. This court finds that  
19 the reasons given for the development and use of the methodology at issue; namely, that it is a  
20 better and more accurate way to determine questions of fact, fails to provide a reasonable basis  
21 for Dr. Lorden's opinion in this regard and is based upon a leap of logic or conjecture.

22 The court does NOT find, as a matter of law, that all statistical sampling methodologies  
23 are inappropriate as a means of proof for liability purposes. That proposition would be for  
24 other courts to consider. Nonetheless, in the present case the particular statistical sampling  
25 methodology proposed by Plaintiff is inappropriate.

1                   2. THE METHODOLOGY "AS APPLIED"

2 In addition to the above statements regarding the problem with the concept of statistical  
3 sampling as a comprehensive methodology to establish class membership, liability and  
4 damages, the court has also considered the concept as applied (to borrow a term from  
5 constitutional law).

6 (a) Dr. Lorden testified the he used the following method to obtain the 22 members of the  
7 sample group. There were twenty-nine "clusters" or groups of homes contained in two separate  
8 databases; 16 clusters totaling 3,054 homes from what was referred to as the Freeman Sullivan  
9 Group ("FSG", a survey conducted in 2005 by defendant) and 13 clusters totaling 1,670 homes  
10 which were prepared by Plaintiff's attorneys ("TBS", Townsley Brain and Stephens). From each  
11 of the 29 clusters a random list of up to 12 homeowners received a form letter and questionnaire  
12 from the TBS law firm (eventually, a total of 444 such letters were sent to homeowners). The  
13 homeowners to whom letters were sent (including some of those from whom no response was  
14 received) were contacted and specific responses and comments noted.

15 Dr. Lorden had strongly criticized the FSG survey when class certification was at issue in 2005.  
16 His explanation as to why it was appropriate for him to use it in 2011 appeared almost a waiver  
17 argument (i.e. it was good enough for the defense use in 2005 so they can't complain now) and  
18 that his subsequent analysis of the responses from the homeowners in 2011 eliminated earlier  
19 concerns. However, such an explanation does not, in and of itself, resolve the initial concerns  
20 he raised that questioned whether "correct scientific methods were used in administering the  
21 methodology". The court is not persuaded that the FSG survey was conducted in 2005 in a  
22 sufficiently valid manner to justify its later use by Dr. Lorden for the purpose of selecting the  
23 sample group of 22 homeowners.

24 Dr. Lorden's reliance on merely reviewing the notes regarding the contacts made with the 444  
25 homeowners for anecdotal evidence that there was any non-response or "self-select" bias

1 is problematic. He is correct that the authorities in the field ( e.g. Dr. Diamond's "Reference  
2 Guide on Survey Research" and the Federal Judicial Center's "Reference Manual on Scientific  
3 Evidence") indicate only that an "evaluation" of such possible bias be done and that, in his  
4 opinion, he did such an evaluation by reviewing the notes. On the other hand, given the totality  
5 of circumstances and factors present in this case (including but not limited to the admittedly  
6 small sample size), the court finds that a more extensive "check" or evaluation should have  
7 been conducted. It may have required more effort, time and expense but the end result would  
8 have been greater confidence that the defects present in 2005 had been addressed.

9 (b) The purpose of the TBS letter to the targeted homeowners was to solicit information about  
10 their roof tiles and to "seek their assistance" in making the Plaintiff's case at trial (at the time the  
11 letter was sent the trial was scheduled to start in approximately 3 -4 months, November, 2011).  
12 Although perhaps the letter and questionnaire would have been appropriate in a different type of  
13 case using a statistical sampling process (e.g. calculation of damages in an employment case)  
14 in the instant case it placed Plaintiff counsel directly into the administration and implementation  
15 of the methodology. The authoritative "Reference Guide on Survey Research" addresses in  
16 detail the problems associated with the involvement of counsel in surveys and the potentially  
17 negative effects on the reliability and credibility of the results. It was admitted at trial that these  
18 particular principles of survey research are also generally applicable to statistical sampling. The  
19 knowledge of ongoing litigation in which one or more prospective witnesses had an identifiable  
20 and direct interest in the outcome may have had an effect on their testimony at their depositions  
21 and at trial. Such advance knowledge and active participation in the litigation process raises  
22 serious concerns about the existence of actual bias. The court is not persuaded that any such  
23 bias was not present.

24 (c) The small sample size used by Dr. Lorden also is of concern. A sample group of 22 out of  
25 127,746 equates to .00017 (17/10,000th). Dr. Lorden testified in detail as to the confidence

1 level associated with such a small number but the fact remains that each member of the sample  
2 group who testified represented 5806 other potential class members and each of the sixteen  
3 witnesses found to have met (or not met) the terms of the proviso represented approximately  
4 \$21,500,000 in damages. On its face this is simply an unacceptable margin of error. This  
5 margin of error could have been significantly reduced by taking more depositions and, again,  
6 although it would have involved more time and expense it would resulted in a more acceptable  
7 level of potential error (e.g. Dr. Lorden testified taking 88 depositions would have reduced the  
8 margin of error by 50%). In *Yorktown Medical Laboratory v Perales*, 2d Cir. 1991, 948 F.2d 84,  
9 a case involving the application of statistical sampling and an argument that its use violated due  
10 process, the court said that the amount of process due depends on various circumstances and  
11 factors and that given the low risk of error presented by the methodology used in that case, the  
12 balancing of interests favored the defendant. In contrast, the extremely high risk of error in our  
13 case supports the conclusion that it would violate the Defendant's due process rights to allow  
14 the use of the proposed statistical sampling methodology.

15 Thus, as a separate and distinct basis for excluding the testimony and opinions of Dr. Lorden,  
16 the court finds that the proposed methodology, as it was administered and applied in this  
17 particular case, did not meet well-established legal standards and practices.

#### 18 D. SUMMARY

19 The court recognizes the inherent and substantial problems Plaintiff and Defendant faced in  
20 preparing to prosecute and defend this case and which are discussed in part above. The large  
21 size of the potential class (estimated at 160,000 homeowners a relatively short time before  
22 trial) and corresponding potential damages (in excess of \$500,000,000, not including punitives)  
23 argued for the use of a methodology on the issues of actual class size, liability and damages  
24 that was as accurate as possible. The particular methodology Plaintiff designed for this case is  
25 inconsistent with long-established principles regarding the use of surveys and statistics and is

1 without any legal authority.

2  
3 Dr. Lorden is a very experienced educator and statistics expert with extensive experience in  
4 litigation. But, as he admitted during trial, his methodology was created after he was told by  
5 counsel of their intent to use depositions. His reliance on the adversarial process and the  
6 role of witness testimony as an appropriate means to determine the issues in this case is  
7 unsupported by any literature or studies in the field of either statistics or surveys or prior case  
8 state or federal law. It is, truly, a "novel concept". Dr. Lorden is an enthusiastic proponent  
9 of his newly developed methodology which is, of course, understandable and to a degree  
10 commendable. But, in and of itself, this fact does not add any weight to be given to the  
11 proposed methodology. The court finds that, for the purposes of explaining and supporting  
12 a methodology that uses statistical sampling to establish the overall size of the class, the  
13 defendant's liability and an aggregate amount of damages, his testimony is legally irrelevant and  
14 must be excluded.

15 E. MOTIONS GRANTED

16 Accordingly, for the reasons set forth in this ruling and under its "gatekeeper responsibility"  
17 (*Sargon Enterprises Inc. v. University of Southern California*, \_\_ P.3d \_\_, 2012 WL 5897314  
18 (Cal. Nov. 26, 2012) to exclude speculative or irrelevant expert opinion, the court exercises its  
19 discretion and grants the motion brought under *People v. Kelly* and Evidence Code sec. 402.

20 F. NONSUIT on the CLRA and JUDGMENT on the UCL CAUSES of ACTION

21 The plaintiff's case rests upon the methodology and expert opinion of Dr. Lorden. For the  
22 reasons set forth above, his opinions are excluded. Therefore, there is no legally relevant  
23 evidence before the fact-finder as to the size of the class, the liability of defendant or the  
24 amount of damages. Defendant's motion for nonsuit as to the CLRA cause of action is granted.  
25 Defendant's motion for judgment on the UCL cause of action is granted.

E. DECERTIFICATION



1 The court has excluded the opinion evidence offered in support of Plaintiff's methodology  
2 used to establish the size of the class, defendant's liability and damages. The motion for  
3  
4 decertification is thus moot and is DENIED WITHOUT PREJUDICE.

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9 Roger Picquet  
10 Judge of the Superior Court,  
11 assigned  
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1 The court has excluded the opinion evidence offered in support of Plaintiff's methodology  
2 used to establish the size of the class, defendant's liability and damages. The motion for  
3 decertification is thus moot and is DENIED WITHOUT PREJUDICE.

4

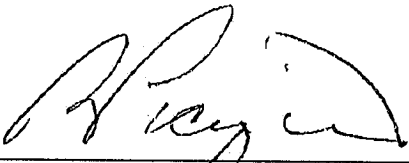
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Roger Picquet  
Judge of the Superior Court,  
assigned

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