1	IN THE SUPREME COURT OF THE UNITED STATES
2	x
3	AMGEN INC., ET AL., :
4	Petitioners : No. 11-1085
5	v. :
6	CONNECTICUT RETIREMENT PLANS AND :
7	TRUST FUNDS. :
8	x
9	Washington, D.C.
10	Monday, November 5, 2012
11	
12	The above-entitled matter came on for oral
13	argument before the Supreme Court of the United States
14	at 11:06 a.m.
15	APPEARANCES:
16	SETH P. WAXMAN, ESQ., Washington, D.C.; on behalf of
17	Petitioners.
18	DAVID C. FREDERICK, ESQ., Washington, D.C.; on behalf of
19	Respondent.
20	MELISSA ARBUS SHERRY, ESQ., Assistant to the Solicitor
21	General, Department of Justice, Washington, D.C.; for
22	United States, as amicus curiae, supporting
23	Respondent.
24	
25	

1	CONTENTS	
2	ORAL ARGUMENT OF	PAGE
3	SETH P. WAXMAN, ESQ.	
4	On behalf of the Petitioners	3
5	ORAL ARGUMENT OF	
6	DAVID C. FREDERICK, ESQ.	
7	On behalf of the Respondent	23
8	ORAL ARGUMENT OF	
9	MELISSA ARBUS SHERRY, ESQ.	
10	For United States, as amicus curiae,	38
11	supporting the Respondent	
12	REBUTTAL ARGUMENT OF	
13	SETH P. WAXMAN, ESQ.	
14	On behalf of the Petitioners	48
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

1	PROCEEDINGS
2	(11:06 a.m.)
3	CHIEF JUSTICE ROBERTS: We'll hear argument
4	next in Case 11-1085, Amgen, Incorporated, v. The
5	Connecticut Retirement Plans and Trust Funds.
6	Mr. Waxman.
7	ORAL ARGUMENT OF SETH P. WAXMAN
8	ON BEHALF OF THE PETITIONERS
9	MR. WAXMAN: Mr. Chief Justice, and may it
10	please the Court:
11	Our case is about whether the claim of
12	liability is, in a fundamental sense, class-wide or
13	individual. The heart of a 10b-5 claim is I bought or
14	sold in reliance on a misleading statement. The
15	question at the class cert stage is whether each
16	individual will have to prove his own reliance directly
17	on the statement, or whether every he can prove
18	indirectly reliance on the statement by showing that
19	everybody relied on a distorted market price.
20	A market price will reflect a statement if
21	and only if the statement is material and is made
22	publicly on an efficient market. So, absent
23	materiality, the market price cannot be presumed to
24	reflect the statement in question. And the
25	plaintiffs

1	CHIEF JUSTICE ROBERTS: Why why is
2	that why is that the case? I would suppose, if
3	there's no materiality, that means that the effect on
4	the market price just happens to be zero.
5	MR. WAXMAN: That's exactly correct. And
6	the point here is
7	CHIEF JUSTICE ROBERTS: Well, why isn't that
8	common to all parties?
9	MR. WAXMAN: Mr. Chief Justice, every one of
-0	the four predicates to the fraud-on-the-market theory,
1	which is a shortcut that that excuses plaintiffs from
_2	proving that I heard the statement and relied on it
_3	every one of those predicates is common.
4	Whether the market is efficient is common.
_5	Whether the statement is public is common. Whether the
-6	stocks were bought and sold during the period of market
_7	distortion is common. And materiality is common.
_8	The question is not whether
_9	JUSTICE SOTOMAYOR: So is the falsity of the
20	statement common as well?
21	MR. WAXMAN: The falsity of the statement is
22	common, but it is not a predicate to whether or not you
23	can prove reliance on a statement indirectly by relying
24	on the integrity of the market price because, in an
25	efficient market, material public statements, whether

- 1 they are true or false, will presumably move the market
- 2 price. And if you're trying to prove reliance on a
- 3 false --
- 4 JUSTICE SOTOMAYOR: Can -- can an individual
- 5 who has -- it has been deemed in -- in a cert
- 6 certification, that an issue is immaterial, could an
- 7 individual claimant ever prove it's material?
- 8 MR. WAXMAN: Sure. I'm not arquing --
- 9 JUSTICE SOTOMAYOR: On the
- 10 truth-on-the-market -- the truth-on-the-market defense,
- 11 which is the type of defense that you're raising here.
- MR. WAXMAN: Yes. Either way. Let me
- 13 explain why.
- 14 There's no doubt that this Court's standard
- 15 for materiality, announced in TSC v. Northway and since
- 16 reiterated, is an objective standard. It doesn't depend
- 17 on who the relier was.
- 18 But the inability to prove to a certifying
- 19 judge that class-wide reliance can be -- that class-wide
- 20 reliance exists because the statement was material
- 21 doesn't preclude a plaintiff like Connecticut
- 22 Retirement, which has said it's going to proceed whether
- 23 there's a class or not, or any other member of the
- 24 class, from coming to court and saying, either, I
- 25 directly relied on this statement, and here's my proof

- 1 that it's material to the trier-of-fact, because the
- 2 decision that the judge makes at certification is not
- 3 binding on the trier-of-fact; or even to say, I relied
- 4 on the integrity of the market price, and I have proof
- 5 that the market price was affected because here are
- 6 three investors, they're all reasonable people, and they
- 7 say that it was relevant -- important to them in the
- 8 total mix of information involved.
- 9 JUSTICE SOTOMAYOR: I'm sorry --
- JUSTICE KAGAN: Mr. Waxman, that's just to
- 11 say that a plaintiff can always relitigate the question
- 12 of materiality. But at the class certification stage,
- 13 isn't it correct that, if the Court holds that a
- 14 statement is immaterial, it's immaterial for all members
- 15 of the class, and the suit has to be dismissed? Isn't
- 16 that right?
- 17 MR. WAXMAN: The suit cannot -- that is, the
- 18 suit cannot proceed as a class action. Connecticut
- 19 Retirement or any --
- 20 JUSTICE KAGAN: It can't proceed as an
- 21 anything action, can it? I mean, the -- the remedy, if
- 22 you had thought that the -- the statement was
- 23 immaterial, is not to say, I won't approve a class. It
- 24 would be to say, the suit has no merit.
- MR. WAXMAN: I -- I think that's wrong. I

- 1 think that's conceptually wrong, Justice Kagan, in the
- 2 sense that all that the class certification decision
- 3 says is that the putative class representative can sue
- 4 on his own behalf, but he can't drag everybody else into
- 5 the --
- 6 JUSTICE KAGAN: Well, do you mean to say
- 7 that a judge, who has just ruled that a statement is
- 8 immaterial, is going to keep the case in his court,
- 9 litigated by an individual plaintiff, even though he's
- 10 just ruled that the statement is immaterial?
- 11 MR. WAXMAN: Well, I want to -- I'd like to
- 12 come back to the question of why whether, even if
- 13 your -- the premise of your question is correct, it
- 14 doesn't matter for this case. But let me take one more
- 15 run at -- at your premise.
- 16 The next thing that would happen if I'm
- 17 right, presumably, and the case isn't over, the class
- 18 just isn't certified, is that defendant -- you know,
- 19 emboldened by the judge's rule, will file a motion for
- 20 summary judgment on the grounds that materiality -- the
- 21 element of the substantive offense, not materiality, the
- 22 predicate to class certification -- has just been
- 23 determined in favor of me. That is a very different
- 24 question for the Court.
- 25 Materiality, as this Court has said, is

- 1 fact-sensitive, and it involves a balancing of
- 2 credibility of witnesses or of expert opinions, and the
- 3 judge at the -- at the class cert stage, has to find
- 4 facts and has to make a ruling.
- 5 When it comes up on summary judgment, what
- 6 the -- if there is a dispute of material facts, what the
- 7 judge should do under the law is to say, look, I just
- 8 held that I didn't think it was material, but I resolved
- 9 disputed material facts, and that's for the jury, and
- 10 this case will go to the jury.
- JUSTICE KAGAN: But you're saying that a
- 12 judge on a class certification stage can say, this is
- 13 immaterial, the statement is immaterial; therefore, this
- 14 can't proceed as a class action. But when a summary
- 15 judgment motion comes in, arguing the exact same thing,
- 16 the judge will say, oh, it's not immaterial after all,
- or it's disputed enough, that the case can -- can
- 18 continue?
- 19 MR. WAXMAN: Well, in some cases if -- if
- 20 the alleged fact is -- you know, that Amgen's president
- 21 got a haircut at 10:30, the judge presumably can say
- 22 there are -- you know, this is immaterial as a matter of
- 23 law. But the vast majority of cases -- this is a
- 24 perfect example -- where they have statements that, in
- 25 the abstract, extracted from the total mix of

- 1 information, look pretty material. These are flagship
- 2 drugs.
- 3 On the other hand, the evidence we wanted to
- 4 introduce and the judge wouldn't hear because, in the
- 5 Ninth Circuit, the test is not proving facts, but simply
- 6 alleging them --
- 7 JUSTICE KAGAN: I guess the question,
- 8 Mr. Waxman, is if it is not immaterial as a matter of
- 9 law, at the summary judgment stage, how could a judge
- 10 possibly say it is material at the class certification
- 11 stage?
- MR. WAXMAN: The judge at the class
- 13 certification stage is required to weigh competing
- 14 evidence and -- and render his or her best judgment. At
- 15 the summary judgment stage, a judge is precluded from
- 16 doing that.
- 17 JUSTICE KAGAN: So the class certification
- 18 stage becomes kind of a super merits inquiry?
- MR. WAXMAN: No, not at all.
- 20 JUSTICE KAGAN: -- where the plaintiff has
- 21 to -- has to surmount a higher burden on the merits?
- MR. WAXMAN: No, no, no. The -- the class
- 23 certification stage requires the moving party -- the
- 24 putative -- the -- the class representative who is
- 25 proposing to arrogate to himself and his method of proof

- 1 the fortunes of all the absent class members, whether
- 2 they are direct reliers or indirect reliers, tie their
- 3 fortunes to his fortune at trial. And the judge simply
- 4 has to say, is this a case in which reliance is a common
- 5 issue? That is the key through the certification gate
- 6 in 10b-5 cases.
- 7 JUSTICE GINSBURG: I thought we were talking
- 8 about, Mr. Waxman, the materiality of the alleged
- 9 misstatement, and I am really nonplussed by your answer
- 10 that, if the judge says it's immaterial, that doesn't
- 11 end it for everybody. Certainly, it should -- it ends
- 12 it for the class; you said that. Should it also end it
- 13 for the representative of the class to say, okay, now
- 14 I'm going to come back, and this statement, -this
- 15 finding of the immateriality doesn't bind me.
- 16 Of course, it's going to bind the class
- 17 representative. So if it's immaterial, the case ends.
- 18 And if it is material, then it is material to everybody
- 19 in the class.
- MR. WAXMAN: Well, Justice Ginsburg, let's
- 21 take an easier case. Let's say I'm somebody who bought
- 22 Amgen during the relevant period, and they -- the judge
- 23 says -- you know, I've heard your -- I've considered
- 24 your event studies, and I think that this is --
- 25 information isn't material.

1	There is nothing whatsoever that precludes
2	me from bringing a suit and saying, here's my
3	evidence of I directly relied; here's my evidence of
4	materiality.
5	JUSTICE SOTOMAYOR: How could that be
6	JUSTICE KENNEDY: Are you saying that
7	there are you saying that there is a difference
8	between materiality for the fraud-on-the-market theory
9	and for direct reliance or that there can be a
10	difference?
11	MR. WAXMAN: The the standard of
12	JUSTICE KENNEDY: And that if there was
13	fraud on the market, that is a materiality question
14	addressed at the certification stage, but if the class
15	isn't certified, the investor can still show that he had
16	had direct reliance that was reasonable?
17	MR. WAXMAN: Yes.
18	JUSTICE KENNEDY: Am I am I right about
19	that? Or
20	MR. WAXMAN: You are you are either right
21	or wrong, depending on how I understood you. Let me
22	(Laughter.)
23	MR. WAXMAN: Let me start with you're right,
24	Justice Kennedy, you're absolutely right.
25	JUSTICE KENNEDY: Do the first part. 11

1	(Laughter.)
2	MR. WAXMAN: Okay. Materiality the quirk
3	of this case is that materiality is both as all my
4	friends on the other side agree, an essential predicate
5	of the fraud-on-the-market theory, that is the essential
6	predicate of the ability to prove indirect reliance on
7	the statement through an assertion that the market
8	price that the statement distorted the market price.
9	Everyone agrees that, if the statement isn't
LO	material, it didn't distort the market price, and
11	therefore, reliance is an individualized issue for those
12	who actually heard and detrimentally relied on the
13	statement.
L4	One of the elements that has to be proven in
15	a 10b-5 case is reliance, which is what we were talking
16	about on the class cert stage, and there, materiality is
L7	a predicate for reliance. But even if reliance is
18	proven, materiality is also an element of a 10b-5(b)
19	cause of action, and the standard for materiality is the
20	same.
21	The real question in this case is what is
22	the purpose of Rule 23? If you think that the purpose
23	of Rule 23 is to postpone to the merits everything that
24	can be postponed without a risk of foreclosing valid
25	individual claims, we lose. But that's not the purpose. 12

- 1 The purpose is for a court to determine whether all of
- 2 the preconditions for forcing everyone into a class
- 3 action are present before you certify.
- 4 JUSTICE BREYER: Or you can take exactly
- 5 what you said and phrase it the opposite way.
- 6 MR. WAXMAN: But I wouldn't.
- JUSTICE BREYER: I know you wouldn't, but I
- 8 suspect your opponents might. That if it's the purpose
- 9 of the certification stage to try out every element of
- 10 liability at that stage, rather than waiting for the
- 11 trial?
- MR. WAXMAN: No.
- 13 JUSTICE BREYER: No, it's not. Good.
- Now, once you say that, what you have said
- 15 is, you know, it could still be material for some
- 16 individual, even though there is no market reliance.
- 17 And similarly, a silence going (indicating), some odd
- 18 set of words or whatever it is, although it's not false
- 19 for almost anybody, for some particular person, it could
- 20 seem -- convey something false in some particular set of
- 21 circumstances.
- 22 So let's try out falsity at the
- 23 certification stage, too. In fact, let's try out
- 24 everything because we could always think of a few
- 25 examples where, despite the fact that -- you know, that

- 1 it's only a common issue 99 percent of the time, we can
- 2 dream up a situation where it's not a common issue.
- 3 MR. WAXMAN: Justice Breyer, the point of
- 4 class certification is not to pre-try the merits of the
- 5 case. What --
- 6 JUSTICE BREYER: No, but you are saying with
- 7 a cert -- class certification here, if there is no
- 8 materiality, there is no class; and you are repeatedly
- 9 faced with the question, you are absolutely right; in
- 10 fact, there is no case. And so then what you say is,
- 11 and indeed, I have a few instances here in which there
- 12 could be a case, and I would say, I bet if we are -- you
- 13 know, professorial enough, we could dream up a
- 14 hypothetical for anything, where there still is a case.
- 15 MR. WAXMAN: The point of the class
- 16 certification, as this Court explained in Amchem and
- 17 other cases, and as the Rules Advisory Committee notes,
- 18 is the question of whether there is class coherence in
- 19 the first place. It's not the merits issue. It's
- 20 whether it's fair for the class representative to impose
- 21 on the defendant the juggernaut of class action and on
- 22 the absent class members their fortunes in his or her
- 23 hands. And what --
- JUSTICE KAGAN: Mr. Waxman, that is right,
- 25 and that's what we said in Wal-Mart recently, that the 14

- 1 question is a question of coherence; it's a question of
- 2 whether the class wins or loses together. And here, for
- 3 materiality, the class wins or loses together. If it's
- 4 material, it's material as to everybody. If it's not
- 5 material, it's not material as to everybody.
- 6 And that's just a function of the fact that
- 7 materiality, as we've repeatedly said, is an objective
- 8 test. It doesn't have anything to do with whether a
- 9 particular person finds it material. And where that's
- 10 the case, it seems to me that the Wal-Mart test, which
- 11 is -- is an issue central to the -- you know, when you
- 12 rule on the issue, do you rule on each of the claims in
- 13 one stroke? The answer to that is yes.
- 14 MR. WAXMAN: Justice Kagan, this Court has
- 15 explained more than once, and I am now quoting from
- 16 Amchem, that "class" -- "It is class cohesion and only
- 17 class cohesion that legitimizes representative action in
- 18 the first place." And that question, quote, "preexists
- 19 any settlement and therefore a fortiori any litigation."
- 20 Now --
- JUSTICE KAGAN: Mr. Waxman, I was saying
- 22 that's right.
- MR. WAXMAN: Okay.
- JUSTICE KAGAN: There is class cohesion as
- 25 to materiality. People win or lose on materiality

- 1 together.
- MR. WAXMAN: The -- there is class -- with
- 3 respect, there is class cohesion, investors cohere into
- 4 a class, only when the alleged misinformation was
- 5 significant enough to affect the price, thus enabling
- 6 the common claim of relying on the misinformation in the
- 7 same way. Letting a putative representative through the
- 8 certification gate, without showing that key, is like,
- 9 on a theory of no harm, no foul because we will all lose
- 10 together --
- 11 JUSTICE GINSBURG: Mr. Waxman --
- MR. WAXMAN: -- is like letting --
- 13 Justice --
- JUSTICE GINSBURG: Mr. Waxman, there is no
- 15 question about 23(a), right? The 23(a) prerequisites
- 16 have been satisfied.
- MR. WAXMAN: Not challenged in this case.
- 18 JUSTICE GINSBURG: So the only thing is
- 19 (b)(3), that is that a question of law or fact common to
- 20 the class members predominates over questions affecting
- 21 only individual members. The question that predominates
- 22 is the question, were these representations material; if
- 23 they were material, then the certification is proper.
- 24 If they were immaterial, it's not. It's just -- I don't
- 25 understand why this isn't just a clear case of a

- 1 question common to the class; that is, the question of
- 2 materiality.
- MR. WAXMAN: The answer, Justice Ginsburg,
- 4 is that the question at the class certification stage --
- 5 the predominance question is the reliance element, not
- 6 the materiality element.
- 7 Everyone agrees that materiality, like
- 8 falsity, like scienter, like loss causation, are all
- 9 common questions. As this Court explained in Basic and
- 10 reiterated last term in Halliburton, in 10b-5 actions,
- 11 the question at class certification is whether reliance
- 12 needs to be proven directly; that is, individually by
- 13 people who heard and acted in response; or whether the
- 14 shortcut that this Court authorized in Basic of allowing
- 15 indirect proof by proving that the statement caused a
- 16 distortion of the market, is the way to go.
- 17 There are two tracks, and it happens in this
- 18 case that materiality is both an element, which is
- 19 common, and a predicate to class-wide reliance.
- 20 Everyone agrees that there -- you can't rely as a class
- 21 on the -- the challenged misstatement, unless the
- 22 statement moved or had the capability of moving the
- 23 market price. And that's why the materiality is the
- 24 glue that holds --
- JUSTICE SCALIA: Mr. Waxman, you have a

- 1 habit of not pausing between sentences. You pause in
- 2 the middle of the sentence, and you end a sentence and
- 3 go right on to the next. So I apologize for
- 4 interrupting, but --
- MR. WAXMAN: Not at all.
- 6 JUSTICE SCALIA: -- but you leave me no
- 7 alternative.
- 8 (Laughter.)
- 9 MR. WAXMAN: It's the red light.
- 10 JUSTICE SCALIA: Yes, I understand.
- MR. WAXMAN: The tyranny.
- 12 JUSTICE SCALIA: Is it not the case that one
- of the other elements necessary for the
- 14 fraud-on-the-market theory would also be decided
- 15 conclusively for -- for future individual litigants,
- 16 namely, the efficiency of the market? A future litigant
- 17 will ordinarily claim, I either sold it at a depressed
- 18 price or bought it at an inflated price because of the
- 19 market's reaction to this particular fraudulent
- 20 statement.
- MR. WAXMAN: Yes.
- JUSTICE SCALIA: So -- so you can say the
- 23 same thing about the efficiency of the -- of the market
- 24 being determined in this preliminary question, as you
- 25 can say about -- about the -- the issue here.

1	MR. WAXMAN: That's absolutely right. And
2	the same is true for public statement. The way that the
3	government in responding
4	JUSTICE KAGAN: What is that statement,
5	Mr. Waxman?
6	MR. WAXMAN: I'm sorry.
7	JUSTICE KAGAN: Because the difference is if
8	there is an insufficient market, the case goes forward,
9	and people have to prove individual reliance, and that
10	means that the class splits apart, and you don't get a
11	coherent class. So the function of of your winning
12	an argument either on publicity or on the efficient
13	market is that the class becomes incoherent, that
14	everybody then has to prove individual reliance.
15	But that's not what happens when you prove
16	immateriality. When you prove immateriality, the whole
17	class falls together because it's immaterial for
18	everybody.
19	MR. WAXMAN: That's not correct, and in any
20	event, that analysis that approach is, as I was
21	trying to say, is like letting the fruits justify the
22	search.
23	The question is at the time that class
24	certification is sought, the question is do common
25	issues predominate? And the question, in a securities

- 1 case, is, is reliance in fact -- to quote this Court's
- 2 opinion, "in fact, a common issue?"
- You also have to -- to show that, in fact,
- 4 it's a common issue, you have to show that the market
- 5 reacted to the statement, whether it was true or false,
- 6 whether it was made with scienter or not, whether there
- 7 was loss causation or not, the market had to react, and
- 8 to do that, you need all three legs of a stool.
- 9 The statement has to be material because
- 10 immaterial statements don't move markets. If that --
- 11 JUSTICE GINSBURG: Mr. Waxman, the -- the
- 12 Basic opinion that started all this off, on page 242,
- 13 lists materiality as a common question. The materiality
- of the misrepresentation, if any, is listed as a common
- 15 question, and that made perfect sense to me.
- 16 MR. WAXMAN: It makes perfect sense to me as
- 17 well, Justice Ginsburg, and I'm not being sarcastic.
- 18 Materiality is a common question. Just as are many of
- 19 the other elements of a 10b-5 action --
- 20 CHIEF JUSTICE ROBERTS: So at certification,
- 21 you just assume that materiality -- you don't have to
- 22 show it. If it's always a common question, you assume
- 23 it, in trying to weigh out the number of -- whether or
- 24 not common issues predominate or not.
- MR. WAXMAN: Well, the question, Justice -- 20

- 1 I mean, for -- if it worked for class certification,
- 2 that would be fine. The question is what the purported
- 3 class representative has to show to get through the
- 4 certification gate to transform an ordinary bilateral
- 5 dispute about, you made a false statement, I relied on
- 6 it, it caused me to lose money, into something entirely
- 7 different, a class of tens or hundreds of thousands of
- 8 people, all of whom are proceeding together, all of
- 9 their fortunes are married, and the defendant is faced
- 10 with the full class, what you have to show.
- 11 And you have to show that reliance is a
- 12 common issue, regardless of what you have to show down
- 13 the road.
- 14 JUSTICE GINSBURG: Mr. Waxman, you seem to
- 15 be setting out two determinations of materiality. You
- 16 say, in order to certify the class, you have to show
- 17 that the misrepresentation was material. And in order
- 18 to win on the merits, you certainly have to show that
- 19 the misrepresentation was material.
- 20 How do those two findings of materiality
- 21 differ? How does the finding that you say must be made
- 22 at the certification stage differ from the finding that
- 23 must be made at the trial?
- MR. WAXMAN: They differ temporally, they
- 25 differ functionally, and they differ in terms of who

- 1 decides it and with what level of finality. They differ
- 2 temporally because the first question is, is this
- 3 case going to -- which of two tracks is this case going
- 4 to proceed?
- 5 Is it going to proceed as a -- as a direct
- 6 reliance case -- I heard the statement, and I relied on
- 7 it -- or is it going to proceed on a theory on behalf of
- 8 everybody that whether -- the people who relied on it,
- 9 the people who heard it or who didn't hear it, on a
- 10 theory that the -- we rely on the integrity of the
- 11 market, and the integrity of the market was impaired if
- 12 the statement was false.
- In any event, there was a price effect. And
- 14 there isn't a price effect if the statement wasn't
- 15 material and made publicly into an efficient market.
- 16 JUSTICE GINSBURG: But I still -- what --
- 17 what does "material" mean at the trial level, what does
- 18 "material" mean at the certification level?
- 19 MR. WAXMAN: Material means, at both, as
- 20 this Court said, that there is a substantial likelihood
- 21 that the information would have been viewed by a
- 22 reasonable investor as having significantly altered the
- 23 total mix of information available. That is the test.
- JUSTICE GINSBURG: So it's the same
- 25 question. It has to be -- if it's established at the

1	certification stage, it has to be established again at
2	trial?
3	MR. WAXMAN: That's correct. Just like the
4	market efficiency and the public statement and the
5	market timing. Every one of those predicates has to be
6	proven to the jury's satisfaction at trial. All of them
7	are exactly the same in that respect.
8	May I reserve the balance of my time?
9	CHIEF JUSTICE ROBERTS: Yes, you may.
-0	Mr. Frederick.
1	ORAL ARGUMENT OF DAVID C. FREDERICK
_2	ON BEHALF OF THE RESPONDENT
_3	MR. FREDERICK: Thank you,
4	Mr. Chief Justice, and may it please the Court:
.5	The class certification process determines
L 6	whether the case can generate common answers for all
_7	class members. So for three reasons
_8	JUSTICE SOTOMAYOR: Why don't you answer the
_9	question that was asked earlier, if Basic set forth a
20	presumption, and are you disputing that, at the class
21	certification stage, a defendant can prove that the
22	market is inefficient?
23	MR. FREDERICK: Yes.
24	JUSTICE SOTOMAYOR: So why shouldn't we hold

Basic to its position that all of its presumptions can

25

1	be rebutted as well, not just efficiency? Why do we set
2	out efficiency as the one issue that can be rebutted?
3	MR. FREDERICK: There is a lot to said about
4	Basic, and let me just start the ball rolling by making
5	these observations. First, Basic did not try to
6	distinguish between the requisites of Rule 23 and the
7	substantive component of the fraud-on-the-market theory.
8	And that's important because, in that case, the court
9	remanded for a redetermination of materiality, but it
10	upheld the class certification order.
11	So in the context of Basic, the court seemed
12	to be thinking there was a difference between what
13	needed to be proved for class certification and what
14	would need to be proved on the merits of the case.
15	Now, the second thing to be said is that
16	Basic needs to be read against the backdrop of Rule 23
17	and especially this Court's recent decision in
18	Wal-Mart v. Dukes. Because materiality always generates
19	a common answer for all class members, it is the
20	quintessential common issue that does not splinter the
21	class or cause it to be noncohesive for purposes of
22	understanding predominance.
23	JUSTICE KENNEDY: Doesn't doesn't that
24	assume that the efficient market theory is always

And there might be instances

25

relevant to materiality?

- 1 in which there is subjective reliance, which we inquire
- 2 into, that is objectively reasonable, but that does not
- 3 involve a fraud on the market?
- 4 MR. FREDERICK: Only in a hypothetical case,
- 5 Justice Kennedy. And this is the absolute most
- 6 important point that I can try to make today. In a
- 7 fraud-on-the-market case, the idea of reliance -- the
- 8 only theory of reliance that is being advanced is
- 9 indirect reliance on the integrity of the market. There
- 10 is no other theory of reliance.
- 11 Why do we know that in this case? For two
- 12 reasons: First, the Connecticut Retirement System could
- 13 not be the class representative, if it did not meet the
- 14 typicality requirement of Rule 23(a), which the district
- 15 court found -- this is on page 25A of the petition
- 16 appendix -- and has not been challenged subsequently.
- 17 But why doesn't Connecticut have a direct
- 18 reliance theory? We know they don't because they have a
- 19 fiduciary duty to their investors to apply whatever
- 20 theory they have of securities fraud. So we know in
- 21 this case -- and this is, by far, clear in the
- 22 run-of-the-mine fraud-on-the-market case, that the class
- 23 representative will only establish reliance indirectly,
- 24 by showing that the integrity of the market was
- 25 impaired.

1 And so their construct is an entirely hypothetical and theoretical one. It simply does not 2 3 arise in the real world of fraud-on-the-market cases. 4 JUSTICE SCALIA: Mr. Frederick, you -- you 5 say that -- you know, it's a flukey hypothetical 6 where -- where the -- the issue here would -- would come 7 up again in a different context in an individual suit. Let -- let me give you a -- a case that's -- that's not 8 9 flukey and hypothetical. That is, it is usually the 10 case that -- that people who are allegedly defrauded in 11 stocks rely upon the fact that they bought it at an --12 at an inflated price or sold it at a depressed price. 13 Both of those questions depend upon the efficiency of 14 the market. If the market is not efficient, a question 15 16 that has to be decided for the class certification case, 17 the individual investor is not going to be able to say, you know, that's -- that's why I got cheated, because 18 19 the market reflected this false statement, and I paid 20 more money for the stock than I should have. that is not a flukey hypothetical. That is what will 21 22 happen in most individual cases. And yet, that question 23 of the efficiency of the market has to be decided at the 24 class certification stage. MR. FREDERICK: Right, precisely because we 25

- 1 have to know are all the investors standing in the same
- 2 position. If the market is efficient and it is
- 3 absorbing information into the price, all investors will
- 4 have the same question with respect to materiality.
- 5 JUSTICE SCALIA: You could say the same
- 6 about materiality. If it's immaterial, it isn't
- 7 reflected in -- in the market.
- 8 MR. FREDERICK: They all lose on the merits,
- 9 if there is no materiality. The question about
- 10 efficiency, Justice Scalia, and the reason why it is
- 11 advanced at class certification is because it serves a
- 12 gatekeeping role in determining whether all the
- 13 investors can show indirect reliance on the market. If
- 14 the -- if the stock is thinly traded, there are no
- 15 public analysts, there are no stock reports given about
- 16 it, and no one knows exactly why is the price being
- 17 determined, that creates exactly the kind of individual
- 18 issues that would predominate in a securities fraud
- 19 case.
- 20 JUSTICE SCALIA: So -- so the difference you
- 21 assert is that, with respect to the issue here, it will
- 22 be an issue in all individual cases; whereas with regard
- 23 to the efficiency of the market, it will only be an
- 24 issue in -- what, 95 percent of -- of the individual
- 25 cases?

MR. FREDERICK: No, the question is: Does 1 efficiency serve as a means of determining are all the 2 3 investors similarly situated? Are they a cohesive class? If the market is not efficient -- and mind you, 4 5 they -- they conceded this question in their answer and 6 they did not challenge the expert that was put into this 7 report on the question of efficiency, so that question's 8 really not in this case. 9 But in the case that you're hypothesizing, Justice Scalia, efficiency serves the gatekeeping 10 11 function of determining are all the investors similarly 12 situated, so that indirect reliance can be a -- a method 13 of showing that predicate for a common answer to be determined at trial. 14 JUSTICE SOTOMAYOR: Could we --15 16 MR. FREDERICK: Publicity serves the same 17 function. 18 JUSTICE SOTOMAYOR: Could we get a hypothetical that I actually think could occur, which is 19 not a truth-on-the-market defense, but a known truth to 20 the individual person seeking certification. So that is 21 22 it's immaterial to that person because they were told 23 this information by someone and still trading. Would 24 that defense be available at certification? MR. FREDERICK: I think it -- where it gets 25

- 1 appropriately done is the adequacy and typicality prongs
- of Rule 23(a) because that person has a different
- 3 factual basis for attempting to assert a securities
- 4 fraud, and that person is not typical of the class and
- 5 so therefore would not meet the typicality requirement
- 6 of 23(a).
- Now, it is possible, certainly, that in
- 8 other cases, there might be investors out there who do
- 9 have a direct reliance theory, but they are protected by
- 10 Rule 23 in a couple of ways. One is they can bring
- 11 their own case, and they can say, I directly relied on
- 12 Amgen's misstatements and the false things that they
- 13 said about their flagship products, and I, therefore,
- 14 have my own 10b-5 case. Or if the class is certified
- 15 and they think they have a direct reliance theory, they
- 16 can opt out of the class.
- JUSTICE BREYER: This is true, but I'm --
- 18 I'm -- I'm trying to work out what, as I understand it
- 19 now, Mr. Waxman's point is -- is basically this:
- 20 That -- that why do we use an efficient market theory?
- 21 We use it because if the market is efficient and the
- 22 statement is public, then someone who bought over the
- 23 market is buying in a -- in a world that reflects the
- 24 false statement. I mean, that's -- so he -- there was
- 25 sufficient reliance indirectly.

1	All right. So I think his point is, yes, I
2	can see materiality is something that's relevant to
3	everybody. Of course, it is, a common issue in the
4	case. But also, it is a feature of materiality that, if
5	it wasn't material, then our theory of market
6	reliance market efficient markets goes out the
7	window because you can have all the efficiency in the
8	world, all the publicity in the world, but still, where
9	something to a reasonable stockbroker is irrelevant, his
10	reaction is "who cares?" And therefore, although there
11	could be special cases, the efficient market theory
12	plays no role.
13	Now, I think that's what his theory is, if I
14	understand it. And and I don't hope it is, if I've
15	got it I mean, I hope I got it right. But but if
16	that so what's your direct answer to that?
17	MR. FREDERICK: My direct answer to that is
18	that materiality still serves as a common answer. All
19	the investors are going to lose if it is not a material
20	misstatement that has any effect, and they will win or
21	they will have the potential to win if it is a
22	material
23	JUSTICE KENNEDY: Well, that that
24	JUSTICE SCALIA: The issue the issue is
25	not whether whether it's a common question or not.

1 MR. FREDERICK: Well --JUSTICE SCALIA: The issue is whether 2 3 there's any reason to believe that the -- that the 4 market reflects reality. 5 MR. FREDERICK: Right. 6 JUSTICE SCALIA: That's the issue. 7 MR. FREDERICK: But, Justice Scalia, I think that the issue that you want to decide or you think that 8 9 you want to decide is what constitutes the efficiency of the market, and that is a hotly litigated issue in many 10 11 securities cases. It just happens not to be at issue in 12 this one. 13 And so the question of -- you know, you've 14 got a Fortune 200 company, with 1.1 billion shares outstanding, 9 million traded a day during the class 15 16 period, I mean, this is a hugely efficient market for 17 the stock that is at issue before you. 18 JUSTICE BREYER: All right. So you're saying, in this kind of case, the -- the materiality or 19 not is not likely to be specially sufficient --20 specially significant. In fact, you are going to decide 21 22 if it is a common issue, and there is no reason to 23 import that common issue into the preliminary finding, 24 even if what I just parroted, we hope, is true. 25 MR. FREDERICK: Right. What you're ending

- 1 up doing, Justice Breyer, is you are front loading. You
- 2 are having a mini trial on the merits because the
- 3 materiality question here goes into what did the
- 4 executives think and mean when they were making certain
- 5 statements about clinical trials for their drug. What
- 6 was --
- 7 JUSTICE KENNEDY: You -- you are saying
- 8 that, if everyone loses, if it's not material, that's a
- 9 common issue, and therefore, the trial court at the
- 10 certification stage does not have to determine it.
- MR. FREDERICK: No, what I'm saying is that
- 12 it is -- because it is a common question, it is not one
- 13 to be decided at class certification. Just like
- 14 falsity --
- 15 JUSTICE KENNEDY: I'm not sure how that's
- 16 different from what I said. But in other -- in other
- 17 words, you are saying that market efficiency is just
- 18 presumed, and everybody wins or everybody loses, and so
- 19 you can have a class action, even though the trial judge
- 20 is convinced that there is no adequate common market
- 21 theory to support the common -- the common injury.
- MR. FREDERICK: That's not our position.
- 23 Our position is that efficiency and publicity are
- 24 gate-keeping functions to determine whether or not the
- answer for indirect reliance on the market is a common

- 1 question.
- JUSTICE GINSBURG: Mr. Frederick, you say --
- 3 you say, you point out, quite rightly, that the
- 4 efficiency of the market was conceded -- was conceded
- 5 below.
- 6 MR. FREDERICK: Yes.
- 7 JUSTICE GINSBURG: It was not challenged.
- 8 Except that now, in -- in Amgen's brief, there is a
- 9 suggestion that the efficiency of the market is a more
- 10 sophisticated question. And it's not my note -- binary,
- 11 I think is what they said -- it isn't that it's either
- 12 efficient or it's not efficient; it depends on other
- 13 factors.
- MR. FREDERICK: It's a new concoction they
- 15 have not argued before this stage of the briefing in
- 16 this case, and it's wrong because all investors will
- 17 rise or fall, based on whether or not those statements
- 18 that may have some subsidiary materiality effect are
- 19 going to be able to show that there was some consequence
- 20 to the market. And that is that why -- that is why it
- 21 is still a common question, even if there are the
- 22 subsidiary inefficiencies --
- 23 JUSTICE BREYER: Right. So if I've got
- 24 this, your answer -- which I am trying to follow it;
- 25 don't tell me I'm right if I'm not -- that, with

- 1 efficiency of the market, that's not a traditional
- 2 element of a tort --
- 3 MR. FREDERICK: Correct.
- 4 JUSTICE BREYER: -- that is something
- 5 special to get into this theory.
- 6 MR. FREDERICK: That's correct.
- 7 JUSTICE BREYER: The publicity of the
- 8 matter, that is not traditionally a common element of
- 9 the tort. That is something special to get into this
- 10 theory.
- 11 MR. FREDERICK: Correct.
- 12 JUSTICE BREYER: With materiality, it is a
- 13 common element of the tort always; it is traditionally
- 14 there; it will be litigated, so there is no special
- 15 reason to or desirability in or need for litigating at
- 16 the outset.
- 17 MR. FREDERICK: That's correct. And
- 18 Congress recognized that there were issues concerning
- 19 these various elements. And that's why, in 1995, when
- 20 it enacted the PSLRA, it addressed scienter by imposing
- 21 a heightened pleading requirement and loss causation,
- 22 but it was asked to address materiality and reliance and
- 23 it chose not to.
- The first bill that was proposed would have
- 25 dealt with Basic, and the -- and the Congress voted that

1 down, and instead --JUSTICE SCALIA: But there is -- there is a 2 3 reason for deciding it earlier, and the reason is the --4 the enormous pressure to settle once the class is 5 certified. In most cases, that's the end of the 6 lawsuit. There's -- there's automatically a settlement. 7 Now, one way of -- of certifying the class is to show, well, you know, it's an efficient market, 8 9 and you can presume that everybody in the class relied on the market. But that's only true if -- if the -- the 10 11 statement was material to the market. If it was 12 immaterial to the market, that isn't true. And you 13 should not proceed any further, and you should not begin this -- this class action which, in -- in most cases, is 14 15 simply the preliminary to a settlement. There is a good 16 reason for deciding it sooner. 17 MR. FREDERICK: Well, Justice Scalia, you would consign district court judges to having many 18 trials on the merits because the fact that materiality 19 20 is such a highly contextual inquiry --21 JUSTICE KENNEDY: Well, you have the -- you 22 have the burden of justifying class certification --MR. FREDERICK: True. 23 24 JUSTICE KENNEDY: -- is that not correct?

MR. FREDERICK: That's correct.

25

1	JUSTICE KENNEDY: All right. Now, suppose
2	there is some real question of whether or not the causal
3	chain hasn't been broken, the causal chain between the
4	misstatement and the movement in price. Don't you have
5	to prove the integrity of the causal chain?
6	MR. FREDERICK: Yes.
7	JUSTICE KENNEDY: At the certification
8	stage?
9	MR. FREDERICK: Yes, but that's where
LO	efficiency comes in, Justice Kennedy, and that's why,
11	when efficiency is contested at the class certification
12	stage, what comes in are proofs of does information end
13	up having an effect? And economists do event studies to
14	try to show the general level at which information will
15	be absorbed into the market price. That's where that
16	issue gets contested. It does not get contested on the
17	question of materiality because materiality looks at the
18	total mix of information that would be relevant to an
19	investor, not
20	JUSTICE KENNEDY: You say it's material ever
21	though there is no cause in fact? I don't understand
22	that.
23	MR. FREDERICK: What I'm saying is that the
24	efficiency question goes into the individual stock's
25	ability to absorb information, both material and 36

- 1 nonmaterial information.
- Now, the question on the merits, for which
- 3 all investors will either rise or fall together, is was
- 4 this company's misrepresentation a material one to the
- 5 reasonable investor? And that's why all investors are
- 6 going to have this same answer because it's the same
- 7 objective inquiry.
- 8 The question that you -- you and
- 9 Justice Scalia are positing about the efficiency of the
- 10 market is one on which there are disagreements among the
- 11 lower courts as to how to challenge and how to deal with
- 12 that question, but they do not do it on the basis of
- 13 materiality.
- Judge Easterbrook had a very sound opinion
- 15 in the Schleicher case, in which he goes through and he
- 16 explains that, when there is a fraud on the market case,
- 17 the notion of indirect reliance, where efficiency is
- 18 established, really evolves -- devolves down to the core
- 19 merits question of materiality. And that is a common
- 20 question that -- in which all of the investors are going
- 21 to rise together.
- But I do want to end by saying that, when
- 23 Congress looked at this question, it decided not to deal
- 24 with this question of efficiency or materiality. It was
- 25 faced with a specter of 300 lawsuits being filed per

1	year that were securities fraud cases, in 1995, where a
2	93 percent settlement rate was occurring, an average
3	settlement of nearly \$9 million.
4	In in 2011, the statistics showed that
5	what Congress did was successful in achieving the
6	purpose Congress attained. In the year 2011, there were
7	188 class actions filed; 50 percent of them were
8	dismissed, mostly on the high-end pleading standards
9	that Congress had enacted in the PSLRA.
10	So it's not really for this Court's province
11	to be imposing policy judgments about what additional
12	requirements ought to be put on 23(b)(3); Congress made
13	that judgment. And these proceedings that have gone
14	along in in this way, were perfectly sound by with
15	the district court and the court of appeals.
16	If the Court has no further questions?
17	CHIEF JUSTICE ROBERTS: Thank you, counsel.
18	Ms. Sherry.
19	ORAL ARGUMENT OF MELISSA ARBUS SHERRY
20	ON BEHALF OF THE UNITED STATES, AS AMICUS CURIAE,
21	SUPPORTING THE RESPONDENT
22	MS. SHERRY: Mr. Chief Justice and may it
23	please the Court:
24	I would like to start by going back to the
25	language of Rule 23 and, in particular, the predominance 38

- 1 requirement. The only question is whether common issues
- 2 predominate over individual issues.
- 3 As several of the justices have recognized,
- 4 materiality is an objective inquiry, at least to a
- 5 common answer, and that common answer unites the class,
- 6 rather than divides it. If materiality is shown, the
- 7 class members can proceed together on the
- 8 fraud-on-the-market theory. But --
- 9 JUSTICE SOTOMAYOR: But as Justice Scalia
- 10 pointed out earlier, so is efficiency or nonefficiency.
- MS. SHERRY: And the difference --
- 12 JUSTICE SOTOMAYOR: So that -- that
- 13 differentiation, articulating it that way, doesn't move
- 14 the ball.
- 15 MS. SHERRY: I would disagree with that
- 16 because the difference is with efficiency and with
- 17 publicity. If the -- depending on the common answer,
- 18 the class may divide. It may fragment because, even if
- 19 the market is inefficient, individual class members can
- 20 make out claims of direct reliance. You can rely on an
- 21 inefficient market and prevail. You can rely on
- 22 nonpublic statements --
- JUSTICE SCALIA: What's the difference
- 24 between 100 percent and 95 percent? I mean, most of the
- other claims in -- in stock cases are going to be based

- 1 on what -- what the market price was when the person
- 2 bought or sold. So -- you know, 95 percent instead of
- 3 100 percent, that's -- that's the basic difference?
- 4 MS. SHERRY: The -- the purpose of the class
- 5 certification stage with respect to predominance is to
- 6 weigh the common issues against individual issues. And
- 7 with respect to market efficiency -- excuse me -- market
- 8 efficiency and publicity, those are two matters that --
- 9 that either bind the class together or divide them. To
- 10 the extent the market is inefficient or to the extent
- 11 the statements are not public, they are not all getting
- 12 the information from the same source.
- 13 JUSTICE BREYER: There are preconditions --
- 14 there are preconditions, not related to the merits, that
- 15 do, in fact, justify the use of a special reliance
- 16 theory. Now, I've said that; of course, so is
- 17 materiality.
- MS. SHERRY: But --
- 19 JUSTICE BREYER: But materiality, unlike the
- 20 other two, is part of the element of the basic case,
- 21 where it is a common issue in this case -- and in
- 22 most -- to everybody.
- 23 MS. SHERRY: And that is exactly right. And
- 24 the difference is --
- JUSTICE BREYER: Is that exactly right?

- 1 Because I am getting the -- facing the problem a few
- 2 minutes from now, somebody is going to say, well, why is
- 3 that exactly right? I mean, it is a precondition.
- 4 MS. SHERRY: I am going to say it's exactly
- 5 right because the confusion here is that materiality in
- 6 a fraud-on-the-market case serves two purposes. It is a
- 7 predicate to the fraud-on-the-market theory, but it is
- 8 also an independent, separate element. And what
- 9 Petitioners would have this Court do is isolate the two
- inquiries when they're really the same question.
- It is asking the same question that leads to
- 12 the same answer, and it's one that unites the class.
- 13 There's -- Petitioners phrase the question as whether
- 14 reliance --
- 15 JUSTICE SCALIA: If you have the same
- 16 question, then maybe we shouldn't have this
- 17 fraud-on-the-market theory because the whole purpose of
- 18 it is -- is to -- to assume that -- that the whole class
- 19 was -- was damaged and relied -- because you can rely on
- 20 an efficient market. But you can only rely on an
- 21 efficient market where there has been a material
- 22 misrepresentation.
- So maybe we should overrule Basic because it
- 24 was certainly based upon a theory that -- that simply
- 25 collapses once you remove the materiality element.

1	MS. SHERRY: The fraud-on-the-market theory,
2	however, is a substantive theory. It's not a procedural
3	doctrine. To be sure, one of the practical consequences
4	is it allows classes to be certified, but it's a means
5	of proving reliance in an impersonal market in which
6	investors trade today.
7	What the Court did in Basic was adapt the
8	direct reliance concept which envisioned face-to-face
9	transactions to the impersonal market. And so with
10	respect to actually proving a fraud on the market,
11	you're absolutely right, but what we're talking about
12	here is not whether a fraud on the market can be proven;
13	we're talking about whether common issues predominate
14	over individual issues.
15	And Petitioners still fail to point to any
16	individual issues that would come into play in a case
17	where materiality is not able to be shown. None would
18	because materiality would kill the case for all.
19	JUSTICE SCALIA: Materiality is a common
20	issue. Reliance is only a common issue if you accept
21	the fraud-on-the-market theory. That's the problem.
22	And you are using the one, which is a common issue, to
23	leapfrog into the second, to make the the efficiency
24	of the market reasoning something that it isn't.
25	MS. SHERRY: With all due respect, the two

- 1 really do collapse into one. Once you've proven that
- 2 the market is efficient and once you've proven that the
- 3 statements are public, you're asking the same question.
- 4 You can call it reliance, or you can call it
- 5 materiality.
- 6 JUSTICE KENNEDY: Well, that then -- that
- 7 imparts the question of 24 years of economic
- 8 scholarship -- I think that's how long it's been since
- 9 Basic was decided -- has shown that the -- the efficient
- 10 market theory is -- is really -- really an
- 11 overgeneralization. It could be much more subtle than
- 12 that and so you have an advanced theory. But you want
- 13 us to ignore that.
- MS. SHERRY: No, I -- a couple responses to
- 15 that. The first one is the one that my colleague made,
- 16 which is that market efficiency isn't disputed here. It
- 17 was conceded in the answer at paragraph 199. And not
- 18 only is it not -- is it not contested here, Petitioners
- 19 actually -- actually embrace an efficient market, in
- 20 order to pursue their truth-on-the-market defense.
- 21 And so my first response would be that's not
- 22 something to be addressed in this case. And my second
- 23 response is Basic didn't adopt any particular economic
- 24 model of market efficiency. If you look at footnote 24
- of Basic, if you look at footnote 28 of Basic, the Court 43

- 1 makes very clear that it's not adopting an economic
- 2 theory, as far as how quickly or completely the
- 3 information is incorporated into the market price.
- 4 Instead, it was looking at congressional
- 5 intent, it was looking at difficulties in direct proof,
- 6 and it was looking at common sense to reach a result and
- 7 again to adapt a reliance theory that was premised on
- 8 face-to-face transactions to the impersonal market that
- 9 exists today.
- 10 And so, again, I wouldn't consider market
- 11 efficiency in this case. It's not presented. To the
- 12 extent there's questions about how the determinations
- 13 should be made in terms of levels of generality, that's
- 14 something that the lower courts can decide.
- Today, all we're talking about is the
- 16 materiality component and, again, focusing on whether or
- 17 not common issues predominate over individual issues.
- 18 It's a comparative inquiry. It requires comparing
- 19 common issues on the one hand and individual issues on
- 20 the other. And Petitioners have not identified any
- 21 individual issues that will actually come into play as
- 22 the case is litigated.
- 23 The -- going to the -- some of the policy
- 24 concerns that were raised, I'd make a couple points.
- One is the one that my colleague made. Congress

1	addressed those policy concerns in the PSLRA, in SLUSA,
2	and it chose to address them through different means.
3	The second point I would make is the same
4	argument could be made with respect to the other
5	elements of the securities fraud cause of action. If
6	the argument is you should have to prove it at class
7	certification because, otherwise, the case is going to
8	settle, you could say the same thing with respect to
9	scienter, with respect to falsity, with respect to loss
10	causation, which this Court in Erica John, of course,
11	said did not have to be proven at the class
12	certification stage. So in short, it proves too much.
13	The third response is that there are
14	countervailing policy concerns, and there are
15	countervailing concerns that are actually tethered to
16	Rule 23 in terms of efficiency.
17	Excuse me. Petitioners
18	CHIEF JUSTICE ROBERTS: Do you do you
19	agree that you have to show materiality to rely on the
20	fraud-on-the-market theory to establish reliance?
21	MS. SHERRY: As a substantive matter on the
22	merits, yes. It is a predicate.
23	CHIEF JUSTICE ROBERTS: I I don't
24	understand why that is. If you're trying to show

reliance, and you show that it's an efficient market,

25

- 1 and that the information was -- was public, doesn't that
- 2 show reliance without regard to whether the statement's
- 3 material or not?
- 4 MS. SHERRY: I think, in terms of
- 5 transaction causation, what you're -- and reliance is
- 6 referred to as transaction causation -- what you're
- 7 trying to show is whether or not the information
- 8 affected or distorted the market price. And in order to
- 9 show price distortion, it does require that the
- 10 information be material. And so we accept that in terms
- 11 of the fraud-on-the-market theory --
- 12 JUSTICE SCALIA: Or, to put it differently,
- 13 an efficient market is a market that takes account of
- 14 material factors, right?
- 15 MS. SHERRY: I -- I would say it's --
- 16 JUSTICE SCALIA: It's not an efficient
- 17 market if it's -- you know -- it's -- who knows, random?
- 18 It takes account of material factors.
- 19 MS. SHERRY: I would make a minor quibble on
- 20 that. I would say that the market takes account of all
- 21 public information, but it only -- it only moves based
- 22 on material information, so that's exactly right. And
- 23 so our issue is not with the predicates for the
- 24 fraud-on-the-market theory.
- Our issue is with Petitioners equating the

- 1 predicates from the fraud-on-the-market theory with the
- 2 actual prerequisites of Rule 23. And this Court made it
- 3 very clear, in Shady Grove, that the only question at
- 4 the Rule 23 stage is whether the prerequisites have been
- 5 met. The only one that we're talking about here is
- 6 predominance. It's a comparative inquiry between common
- 7 issues and individual issues.
- 8 And if I can quickly go back to my point
- 9 about countervailing policy concerns, as Petitioners
- 10 acknowledge, a determination of the class certification
- 11 stage is not binding on anybody -- in that case on the
- 12 ultimate fact-finder, or in any other case.
- 13 And so the problem with Petitioners'
- 14 position is that it would require relitigation of the
- 15 materiality question at the merits stage to the extent
- 16 the class is certified or, if it's not, in every other
- 17 case that is brought on the same issue. That doesn't
- 18 serve the efficiency purposes that underlie Rule 23.
- 19 The -- in terms of absent class members, he
- 20 suggests that absent class members would somehow be
- 21 prejudiced, but as Your Honor, Justice Kagan, pointed
- out, the only prejudice is that they wouldn't be able to
- 23 relitigate the very same issue. That is protected by
- 24 allowing opt out. That is protected by Rule 23's
- 25 adequacy of representation requirement.

1	And so that's already sufficiently
2	protected. The most efficient course is to actually
3	focus on common issues. Materiality is a common issue.
4	It will result in the same answer for all. The class
5	rises or falls together. And class certification is not
6	about only certifying meritorious cases.
7	In 1966, when the current version of Rule
8	23(b)(3) was adopted, it was an innovation. It was a
9	change from the spurious class actions, where it was a
_0	one-way ratchet, where only the defendant was bound. In
1	the current version of Rule 23(b)(3), you want to
_2	certify class actions that are both meritorious and
_3	those that are not, so that it reaches a binding
4	judgment.
_5	CHIEF JUSTICE ROBERTS: Thank you, counsel.
L 6	Mr. Waxman, you have 5 minutes.
_7	REBUTTAL ARGUMENT OF SETH P. WAXMAN
-8	ON BEHALF OF THE PETITIONERS
_9	MR. WAXMAN: Thank you, Mr. Chief Justice.
20	The advisory committee notes to the very
21	amendment that Ms. Sherry was referring to states,
22	quote, "A fraud case may be unsuited for treatment as a
23	class action if there was a material variation in the
24	kinds or degrees of reliance by the persons to whom they
25	were addressed."

1	That is this case. The anomaly of our my
2	friend's position is they concede that materiality is a
3	predicate for class reliance. They agree that, unless
4	the statement is material, however efficient the market,
5	however loudly the statement was published, there is no
6	detrimental reliance on the integrity of the market
7	price.
8	Reliance can only be approved and,
9	Justice Breyer, this goes to your traditional paradigm
10	case in the paradigm case, reliance was proven by the
11	fact that you heard the statement and you did something
12	in reliance on it, to your detriment.
13	The innovation of Basic, and the notion that
14	Basic didn't say anything about class certification
15	under Rule 23 is astonishing, given the fact that the
16	whole reason that the question of the
17	fraud-on-the-market theory was presented, was the
18	inquiry about whether there could be whether the
19	traditional bilateral method of proving detrimental
20	reliance on a statement could be aggregated into a
21	ginormous class by allowing everyone to say, well, we
22	relied on the integrity of the market price and a
23	material misstatement a material statement affected
24	that price.
25	They said, "could have"

1 JUSTICE BREYER: Traditionally, how did that work? How did that work traditionally? No class, okay? 2 3 Joe -- Farmer Jones comes in, you have to show it's 4 false? You have to show it's material. And then you 5 show the reliance that he did something on that basis. 6 MR. WAXMAN: Right. Those --7 JUSTICE BREYER: So the materiality was not part of reliance. Materiality was an element that was 8 9 always proved, and then you went on to show reliance. MR. WAXMAN: Exactly right. And what the 10 11 Court in Basic could have said, Justice Breyer, was, 12 forget the fraud-on-the-market theory; we are going to 13 absolve -- we are going to say that, for 10b-5 actions, 14 you don't have to prove reliance directly on the 15 statement. 16 We are going to allow you to -- we -- we 17 posit that investors rely in common on the integrity of 18 the market price; and if you can demonstrate to us that 19 a challenged statement moved the market -- if there was 20 market effect, we will allow you to proceed as a class; 21 because then the common answer to the common question, 22 how are you going to prove reliance, is we are going to 23 prove it all the same way because investors rely on the 24 integrity of the market price.

Now, the Court in Basic --

25

1 JUSTICE GINSBURG: It sounds like you are saying you have to win on the merits of the materiality 2 3 question in order to get the class certified. 4 MR. WAXMAN: You have to prove that there --5 the Court explained correctly in Basic, and this -- this 6 actually goes to -- anticipates my next point, Justice 7 Ginsburg, the Court in Basic didn't say, well, we're going to allow you to --8 9 JUSTICE SCALIA: Excuse me. 10 MR. WAXMAN: -- we're going to allow you 11 to --12 JUSTICE SCALIA: You -- you don't have to 13 prove it to get the class certified. You only have to prove it to get the class certified with the benefit of 14 15 the fraud-on-the-market theory. MR. WAXMAN: Correct. 16 17 JUSTICE SCALIA: Which is a shortcut to getting the class certified, right? 18 19 MR. WAXMAN: Yes. JUSTICE SCALIA: So this is just a condition 20 21 to the shortcut. 22 MR. WAXMAN: Yes. And in fact, it's a 23 shortcut to a shortcut. What the Court in Basic could 24 have said is, if you want to proceed as a class, you

25

- 1 that the market misstatement affected the market price.
- 2 But the Court in Basic went further in the direction of
- 3 class plaintiffs and said, you don't have to prove that
- 4 directly.
- 5 All you have to prove -- we will allow that
- 6 to be presumed, if you can demonstrate, without
- 7 effective rebuttal, four things: the statement was of a
- 8 type that the market would care about; the statement was
- 9 made publicly in an efficient market; and the trading
- 10 occurred during the period between the misstatement and
- 11 the correction --
- 12 JUSTICE BREYER: And the reason that we want
- 13 to prove it upfront in the 23, rather than wait till the
- 14 merits, where it will be argued anyway in exactly the
- 15 same way -- the reason that we want to do it first is,
- 16 since it's going to be there anyway and going to be
- 17 litigated anyway, unlike publicity, unlike efficiency,
- 18 but the reason we take this one and run it upfront is?
- 19 And it can't be the answer we should litigate everything
- 20 before we litigate anything.
- MR. WAXMAN: Of course not.
- JUSTICE BREYER: Okay. So -- so what's the
- 23 answer?
- 24 MR. WAXMAN: The answer is that this is
- 25 the -- that the point of Rule 23 is to say, you get to

1	use this very useful and powerful device if you have the
2	key to the gate. And the key to the gate is showing
3	that the answer to the question, will reliance be proven
4	commonly not lost commonly, but proven commonly
5	is, in fact, yes.
6	Thank you.
7	CHIEF JUSTICE ROBERTS: Thank you, counsel.
8	The case is submitted.
9	(Whereupon, at 12:06 p.m., the case in the
10	above-entitled matter was submitted.)
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

	- 14- 1 40.0	40.4.50.21		40.0
A	adopted 48:8	48:4 50:21	attempting 29:3	40:9
ability 12:6	adopting 44:1	52:19,23,24	authorized	binding 6:3
36:25	advanced 25:8	53:3	17:14	47:11 48:13
able 26:17 33:19	27:11 43:12	answers 23:16	automatically	bought 3:13
42:17 47:22	advisory 14:17	anticipates 51:6	35:6	4:16 10:21
above-entitled	48:20	anybody 13:19	available 22:23	18:18 26:11
1:12 53:10	affect 16:5	47:11	28:24	29:22 40:2
absent 3:22 10:1	aggregated	anyway 52:14	average 38:2	bound 48:10
14:22 47:19,20	49:20	52:16,17	a.m 1:14 3:2	Breyer 13:4,7
absolute 25:5	agree 12:4 45:19	apart 19:10	B	13:13 14:3,6
absolutely 11:24	49:3	apologize 18:3	b 16:19	29:17 31:18
14:9 19:1	agrees 12:9 17:7	appeals 38:15		32:1 33:23
42:11	17:20	APPEARAN	back 7:12 10:14 38:24 47:8	34:4,7,12
absolve 50:13	AL 1:3	1:15		40:13,19,25
absorb 36:25	alleged 8:20	appendix 25:16	backdrop 24:16	49:9 50:1,7,11
absorbed 36:15	10:8 16:4	apply 25:19	balance 23:8	52:12,22
absorbing 27:3	allegedly 26:10	approach 19:20	balancing 8:1 ball 24:4 39:14	brief 33:8
abstract 8:25	alleging 9:6	appropriately	based 33:17	briefing 33:15
accept 42:20	allow 50:16,20	29:1	39:25 41:24	bring 29:10
46:10	51:8,10 52:5	approve 6:23		bringing 11:2
account 46:13	allowing 17:14	approved 49:8	46:21	broken 36:3
46:18,20	47:24 49:21	ARBUS 1:20 2:9	basic 17:9,14	brought 47:17
achieving 38:5	allows 42:4	38:19	20:12 23:19,25	burden 9:21
acknowledge	altered 22:22	argued 33:15	24:4,5,11,16	35:22
47:10	alternative 18:7	52:14	34:25 40:3,20	buying 29:23
acted 17:13	Amchem 14:16	arguing 5:8 8:15	41:23 42:7	<u>C</u>
action 6:18,21	15:16	argument 1:13	43:9,23,25,25	
8:14 12:19	amendment	2:2,5,8,12 3:3	49:13,14 50:11	C 1:18 2:1,6 3:1 23:11
13:3 14:21	48:21	3:7 19:12	50:25 51:5,7 51:23 52:2	
15:17 20:19	Amgen 1:3 3:4	23:11 38:19		call 43:4,4
32:19 35:14	10:22	45:4,6 48:17	basically 29:19	capability 17:22
45:5 48:23	Amgen's 8:20	arrogate 9:25	basis 29:3 37:12 50:5	care 52:8
actions 17:10	29:12 33:8	articulating		cares 30:10 case 3:4,11 4:2
38:7 48:9,12	amicus 1:22	39:13	behalf 1:16,18	,
50:13	2:10 38:20	asked 23:19	2:4,7,14 3:8 7:4 22:7 23:12	7:8,14,17 8:10
actual 47:2	analysis 19:20	34:22	38:20 48:18	8:17 10:4,17
adapt 42:7 44:7	analysts 27:15	asking 41:11	believe 31:3	10:21 12:3,15 12:21 14:5,10
additional 38:11	announced 5:15	43:3	benefit 51:14	· · · · · · · · · · · · · · · · · · ·
address 34:22	anomaly 49:1	assert 27:21	best 9:14	14:12,14 15:10 16:17,25 17:18
45:2	answer 10:9	29:3	bet 14:12	18:12 19:8
addressed 11:14	15:13 17:3	assertion 12:7	bilateral 21:4	20:1 22:3,3,6
34:20 43:22	23:18 24:19	Assistant 1:20	49:19	23:16 24:8,14
45:1 48:25	28:5,13 30:16	assume 20:21,22	bill 34:24	25:4,7,11,21
adequacy 29:1	30:17,18 32:25	24:24 41:18	billion 31:14	25:4,7,11,21 25:22 26:8,10
47:25	33:24 37:6	astonishing	binary 33:10	26:16 27:19
adequate 32:20	39:5,5,17	49:15	bind 10:15,16	28:8,9 29:11
adopt 43:23	41:12 43:17	attained 38:6	Jiliu 10.13,10	20.0,7 27.11

29:14 30:4	45:7,12 47:10	16:3,4,20 17:1	committee	concoction
31:19 33:16	48:5 49:14	17:4,11,20	14:17 48:20	33:14
37:15,16 40:20	certified 7:18	19:10,11,13,17	common 4:8,13	condition 51:20
40:21 41:6	11:15 29:14	19:23 21:1,3,7	4:14,15,17,17	confusion 41:5
42:16,18 43:22	35:5 42:4	21:10,16 23:15	4:20,22 10:4	Congress 34:18
44:11,22 45:7	47:16 51:3,13	23:17,20 24:10	14:1,2 16:6,19	34:25 37:23
47:11,12,17	51:14,18	24:13,19,21	17:1,9,19	38:5,6,9,12
48:22 49:1,10	certify 13:3	25:13,22 26:16	19:24 20:2,4	44:25
49:10 53:8,9	21:16 48:12	26:24 27:11	20:13,14,18,22	congressional
cases 8:19,23	certifying 5:18	28:4 29:4,14	20:24 21:12	44:4
10:6 14:17	35:7 48:6	29:16 31:15	23:16 24:19,20	Connecticut 1:6
26:3,22 27:22	chain 36:3,3,5	32:13,19 35:4	28:13 30:3,18	3:5 5:21 6:18
27:25 29:8	challenge 28:6	35:7,9,14,22	30:25 31:22,23	25:12,17
30:11 31:11	37:11	36:11 38:7	32:9,12,20,21	consequence
35:5,14 38:1	challenged	39:5,7,18,19	32:21,25 33:21	33:19
39:25 48:6	16:17 17:21	40:4,9 41:12	34:8,13 37:19	consequences
causal 36:2,3,5	25:16 33:7	41:18 45:6,11	39:1,5,5,17	42:3
causation 17:8	50:19	47:10,16,19,20	40:6,21 42:13	consider 44:10
20:7 34:21	change 48:9	48:4,5,9,12,23	42:19,20,22	considered
45:10 46:5,6	cheated 26:18	49:3,14,21	44:6,17,19	10:23
cause 12:19	Chief 3:3,9 4:1,7	50:2,20 51:3	47:6 48:3,3	consign 35:18
24:21 36:21	4:9 20:20 23:9	51:13,14,18,24	50:17,21,21	constitutes 31:9
45:5	23:14 38:17,22	52:3	51:25	construct 26:1
caused 17:15	45:18,23 48:15	classes 42:4	commonly 53:4	contested 36:11
21:6	48:19 53:7	class-wide 3:12	53:4,4	36:16,16 43:18
central 15:11	chose 34:23 45:2	5:19,19 17:19	company 31:14	context 24:11
cert 3:15 5:5 8:3	Circuit 9:5	clear 16:25	company's 37:4	26:7
12:16 14:7	circumstances	25:21 44:1	comparative	contextual
certain 32:4	13:21	47:3	44:18 47:6	35:20
certainly 10:11	claim 3:11,13	clinical 32:5	comparing	continue 8:18
21:18 29:7	16:6 18:17	cohere 16:3	44:18	convey 13:20
41:24	claimant 5:7	coherence 14:18	competing 9:13	convinced 32:20
certification 5:6	claims 12:25	15:1	completely 44:2	core 37:18
6:2,12 7:2,22	15:12 39:20,25	coherent 19:11	component 24:7	correct 4:5 6:13
8:12 9:10,13	class 3:15 5:23	cohesion 15:16	44:16	7:13 19:19
9:17,23 10:5	5:24 6:12,15	15:17,24 16:3	concede 49:2	23:3 34:3,6,11
11:14 13:9,23	6:18,23 7:2,3	cohesive 28:3	conceded 28:5	34:17 35:24,25
14:4,7,16 16:8	7:17,22 8:3,12	collapse 43:1	33:4,4 43:17	51:16
16:23 17:4,11	8:14 9:10,12	collapses 41:25	concept 42:8	correction 52:11
19:24 20:20	9:17,22,24	colleague 43:15	conceptually 7:1	correctly 51:5
21:1,4,22	10:1,12,13,16	44:25	concerning	counsel 38:17
22:18 23:1,15	10:19 11:14	come 7:12 10:14	34:18	48:15 53:7
23:21 24:10,13	12:16 13:2	26:6 42:16	concerns 44:24	countervailing
26:16,24 27:11	14:4,7,8,15,18	44:21	45:1,14,15	45:14,15 47:9
28:21,24 32:10	14:20,21,22	comes 8:5,15	47:9	couple 29:10
32:13 35:22	15:2,3,16,16	36:10,12 50:3	conclusively	43:14 44:24
36:7,11 40:5	15:17,24 16:2	coming 5:24	18:15	course 10:16

	_			
30:3 40:16	14:21 21:9	40:3,24	Dukes 24:18	11:20 18:17
45:10 48:2	23:21 48:10	different 7:23	duty 25:19	19:12 33:11
52:21	defense 5:10,11	21:7 26:7 29:2	D.C 1:9,16,18	37:3 40:9
court 1:1,13	28:20,24 43:20	32:16 45:2	1:21	element 7:21
3:10 5:24 6:13	defrauded 26:10	differentiation		12:18 13:9
7:8,24,25 13:1	degrees 48:24	39:13	E	17:5,6,18 34:2
14:16 15:14	demonstrate	differently	E 2:1 3:1,1	34:8,13 40:20
17:9,14 22:20	50:18 52:6	46:12	earlier 23:19	41:8,25 50:8
23:14 24:8,11	Department	difficulties 44:5	35:3 39:10	elements 12:14
25:15 32:9	1:21	direct 10:2 11:9	easier 10:21	18:13 20:19
35:18 38:15,15	depend 5:16	11:16 22:5	Easterbrook	34:19 45:5
38:16,23 41:9	26:13	25:17 29:9,15	37:14	emboldened
42:7 43:25	depending	30:16,17 39:20	economic 43:7	7:19
45:10 47:2	11:21 39:17	42:8 44:5	43:23 44:1	embrace 43:19
50:11,25 51:5	depends 33:12	direction 52:2	economists	enabling 16:5
51:7,23,25	depressed 18:17	directly 3:16	36:13	enacted 34:20
52:2	26:12	5:25 11:3	effect 4:3 22:13	38:9
courts 37:11	desirability	17:12 29:11	22:14 30:20	ends 10:11,17
44:14	34:15	50:14 52:4	33:18 36:13	enormous 35:4
Court's 5:14	despite 13:25	disagree 39:15	50:20	entirely 21:6
20:1 24:17	determination	disagreements	effective 52:7	26:1
38:10	47:10	37:10	efficiency 18:16	envisioned 42:8
creates 27:17	determinations	dismissed 6:15	18:23 23:4	equating 46:25
credibility 8:2	21:15 44:12	38:8	24:1,2 26:13	Erica 45:10
curiae 1:22 2:10	determine 13:1	dispute 8:6 21:5	26:23 27:10,23	especially 24:17
38:20	32:10,24	disputed 8:9,17	28:2,7,10 30:7	ESQ 1:16,18,20
current 48:7,11	determined 7:23	43:16	31:9 32:17,23	2:3,6,9,13
D	18:24 27:17	disputing 23:20	33:4,9 34:1	essential 12:4,5
\mathbf{D} 3:1	28:14	distinguish 24:6	36:10,11,24	establish 25:23
	determines	distort 12:10	37:9,17,24 39:10,16 40:7	45:20
damaged 41:19 DAVID 1:18 2:6	23:15	distorted 3:19	40:8 42:23	established
23:11	determining	12:8 46:8	43:16,24 44:11	22:25 23:1
day 31:15	27:12 28:2,11	distortion 4:17	45:16 47:18	37:18
deal 37:11,23	detriment 49:12	17:16 46:9	52:17	ET 1:3
dealt 34:25	detrimental	district 25:14	efficient 3:22	event 10:24
decide 31:8,9,21	49:6,19	35:18 38:15	4:14,25 19:12	19:20 22:13
44:14	detrimentally 12:12	divide 39:18 40:9	22:15 24:24	36:13 everybody 3:19
decided 18:14	device 53:1	divides 39:6	26:15 27:2	7:4 10:11,18
26:16,23 32:13	devolves 37:18	doctrine 42:3	28:4 29:20,21	,
37:23 43:9	differ 21:21,22	doing 9:16 32:1	30:6,11 31:16	15:4,5 19:14 19:18 22:8
decides 22:1	21:24,25,25	doubt 5:14	33:12,12 35:8	30:3 32:18,18
deciding 35:3,16	21.24,23,23	drag 7:4	41:20,21 43:2	35:9 40:22
decision 6:2 7:2	difference 11:7	dream 14:2,13	43:9,19 45:25	evidence 9:3,14
24:17	11:10 19:7	drug 32:5	46:13,16 48:2	11:3,3
deemed 5:5	24:12 27:20	drugs 9:2	49:4 52:9	evolves 37:18
defendant 7:18	39:11,16,23	due 42:25	either 5:12,24	exact 8:15
	57.11,10,23	12.23	,	224000.13
	ı	ı	<u> </u>	ı

	I	I	1	I
exactly 4:5 13:4	falls 19:17 48:5	foul 16:9	future 18:15,16	35:15
23:7 27:16,17	false 5:1,3 13:18	found 25:15		government
40:23,25 41:3	13:20 20:5	four 4:10 52:7	G	19:3
41:4 46:22	21:5 22:12	fragment 39:18	G 3:1	grounds 7:20
50:10 52:14	26:19 29:12,24	fraud 11:13 25:3	gate 10:5 16:8	Grove 47:3
example 8:24	50:4	25:20 27:18	21:4 53:2,2	guess 9:7
examples 13:25	falsity 4:19,21	29:4 37:16	gatekeeping	
excuse 40:7	13:22 17:8	38:1 42:10,12	27:12 28:10	Н
45:17 51:9	32:14 45:9	45:5 48:22	gate-keeping	habit 18:1
excuses 4:11	far 25:21 44:2	fraudulent	32:24	haircut 8:21
executives 32:4	Farmer 50:3	18:19	general 1:21	Halliburton
exists 5:20 44:9	favor 7:23	fraud-on-the	36:14	17:10
expert 8:2 28:6	feature 30:4	4:10 11:8 12:5	generality 44:13	hand 9:3 44:19
explain 5:13	fiduciary 25:19	18:14 24:7	generate 23:16	hands 14:23
explained 14:16	file 7:19	25:7,22 26:3	generates 24:18	happen 7:16
15:15 17:9	filed 37:25 38:7	39:8 41:6,7,17	getting 40:11	26:22
51:5	finality 22:1	42:1,21 45:20	41:1 51:18	happens 4:4
explains 37:16	find 8:3	46:11,24 47:1	ginormous	17:17 19:15
extent 40:10,10	finding 10:15	49:17 50:12	49:21	31:11
44:12 47:15	21:21,22 31:23	51:15	Ginsburg 10:7	harm 16:9
extracted 8:25	findings 21:20	Frederick 1:18	10:20 16:11,14	hear 3:3 9:4
	finds 15:9	2:6 23:10,11	16:18 17:3	22:9
F	fine 21:2	23:13,23 24:3	20:11,17 21:14	heard 4:12
faced 14:9 21:9	first 11:25 14:19	25:4 26:4,25	22:16,24 33:2	10:23 12:12
37:25	15:18 22:2	27:8 28:1,16	33:7 51:1,7	17:13 22:6,9
face-to-face	24:5 25:12	28:25 30:17	give 26:8	49:11
42:8 44:8	34:24 43:15,21	31:1,5,7,25	given 27:15	heart 3:13
facing 41:1	52:15	32:11,22 33:2	49:15	heightened
fact 8:20 13:23	flagship 9:1	33:6,14 34:3,6	glue 17:24	34:21
13:25 14:10	29:13	34:11,17 35:17	go 8:10 17:16	held 8:8
15:6 16:19	flukey 26:5,9,21	35:23,25 36:6	18:3 47:8	higher 9:21
20:1,2,3 26:11	focus 48:3	36:9,23	goes 19:8 30:6	highly 35:20
31:21 35:19	focusing 44:16	friends 12:4	32:3 36:24	high-end 38:8
36:21 40:15	follow 33:24	friend's 49:2	37:15 49:9	hold 23:24
49:11,15 51:22	footnote 43:24	front 32:1	51:6	holds 6:13 17:24
53:5	43:25	fruits 19:21	going 5:22 7:8	Honor 47:21
factors 33:13	forcing 13:2	full 21:10	10:14,16 13:17	hope 30:14,15
46:14,18	foreclosing	function 15:6	22:3,3,5,7	31:24
facts 8:4,6,9 9:5	12:24	19:11 28:11,17	26:17 30:19	hotly 31:10
factual 29:3	forget 50:12	functionally	31:21 33:19	hugely 31:16
fact-finder	forth 23:19	21:25	37:6,20 38:24	hundreds 21:7
47:12	fortiori 15:19	functions 32:24	39:25 41:2,4	hypothesizing
fact-sensitive	fortune 10:3	fundamental	44:23 45:7	28:9
8:1	31:14	3:12	50:12,13,16,22	hypothetical
fail 42:15	fortunes 10:1,3	Funds 1:7 3:5	50:22 51:8,10	14:14 25:4
fair 14:20	14:22 21:9	further 35:13	52:16,16	26:2,5,9,21
fall 33:17 37:3	forward 19:8	38:16 52:2	good 13:13	28:19

	27.22.24.20.21		0.5.15.0.0.14	50.5
I	27:22,24 28:21	investors 6:6	8:5,15 9:9,14	53:7
idea 25:7	36:24 39:2,19	16:3 25:19	9:15 38:13	justices 39:3
identified 44:20	40:6 42:14,16	27:1,3,13 28:3	48:14	justify 19:21
ignore 43:13	44:17,19,21	28:11 29:8	judgments	40:15
immaterial 5:6	47:7	30:19 33:16	38:11	justifying 35:22
6:14,14,23 7:8	individualized	37:3,5,20 42:6	juggernaut	
7:10 8:13,13	12:11	50:17,23	14:21	K (10.20
8:16,22 9:8	individually	involve 25:3	jury 8:9,10	Kagan 6:10,20
10:10,17 16:24	17:12	involved 6:8	jury's 23:6	7:1,6 8:11 9:7
19:17 20:10	inefficiencies	involves 8:1	Justice 1:21 3:3	9:17,20 14:24
27:6 28:22	33:22	irrelevant 30:9	3:9 4:1,7,9,19	15:14,21,24
35:12	inefficient 23:22	isolate 41:9	5:4,9 6:9,10,20	19:4,7 47:21
immateriality	39:19,21 40:10	issue 5:6 10:5	7:1,6 8:11 9:7	keep 7:8
10:15 19:16,16	inflated 18:18	12:11 14:1,2	9:17,20 10:7	Kennedy 11:6
impaired 22:11	26:12	14:19 15:11,12	10:20 11:5,6	11:12,18,24,25
25:25	information 6:8	18:25 20:2,4	11:12,18,24,25	24:23 25:5
imparts 43:7	9:1 10:25	21:12 24:2,20	13:4,7,13 14:3	30:23 32:7,15
impersonal 42:5	22:21,23 27:3	26:6 27:21,22	14:6,24 15:14	35:21,24 36:1
42:9 44:8	28:23 36:12,14	27:24 30:3,24	15:21,24 16:11	36:7,10,20
import 31:23	36:18,25 37:1	30:24 31:2,6,8	16:13,14,18	43:6
important 6:7	40:12 44:3	31:10,11,17,22	17:3,25 18:6	key 10:5 16:8
24:8 25:6	46:1,7,10,21	31:23 32:9	18:10,12,22	53:2,2
impose 14:20	46:22	36:16 40:21	19:4,7 20:11	kill 42:18
imposing 34:20	injury 32:21	42:20,20,22	20:17,20,25	kind 9:18 27:17
38:11	innovation 48:8	46:23,25 47:17	21:14 22:16,24	31:19
inability 5:18	49:13	47:23 48:3	23:9,14,18,24	kinds 48:24
incoherent	inquire 25:1	issues 19:25	24:23 25:5	know 7:18 8:20
19:13	inquiries 41:10	20:24 27:18	26:4 27:5,10	8:22 10:23
incorporated	inquiry 9:18	34:18 39:1,2	27:20 28:10,15	13:7,15,25
3:4 44:3	35:20 37:7	40:6,6 42:13	28:18 29:17	14:13 15:11
independent	39:4 44:18	42:14,16 44:17	30:23,24 31:2	25:11,18,20
41:8	47:6 49:18	44:17,19,19,21	31:6,7,18 32:1	26:5,18 27:1
indicating 13:17	instances 14:11	47:7,7 48:3	32:7,15 33:2,7	31:13 35:8
indirect 10:2	24:25		33:23 34:4,7	40:2 46:17
12:6 17:15	insufficient 19:8	<u>J</u>	34:12 35:2,17	known 28:20
25:9 27:13	integrity 4:24	Joe 50:3	35:21,24 36:1	knows 27:16
28:12 32:25	6:4 22:10,11	John 45:10	36:7,10,20	46:17
37:17	25:9,24 36:5	Jones 50:3	37:9 38:17,22	
indirectly 3:18	49:6,22 50:17	judge 5:19 6:2	39:9,9,12,23	
4:23 25:23	50:24	7:7 8:3,7,12,16	40:13,19,25	language 38:25
29:25	intent 44:5	8:21 9:4,9,12	41:15 42:19	Laughter 11:22 12:1 18:8
individual 3:13	interrupting	9:15 10:3,10	43:6 45:18,23	law 8:7,23 9:9
3:16 5:4,7 7:9	18:4	10:22 32:19	46:12,16 47:21	16:19
12:25 13:16	introduce 9:4	37:14	48:15,19 49:9	lawsuit 35:6
16:21 18:15	investor 11:15	judges 35:18	50:1,7,11 51:1	lawsuits 37:25
19:9,14 26:7	22:22 26:17	judge's 7:19	51:6,9,12,17	leads 41:11
26:17,22 27:17	36:19 37:5	judgment 7:20	51:20 52:12,22	
,				leapfrog 42:23

	I	<u> </u>		
leave 18:6	making 24:4	21:17,19 22:15	MELISSA 1:20	26:20
legitimizes	32:4	22:17,18,19	2:9 38:19	motion 7:19
15:17	market 3:19,20	30:5,19,22	member 5:23	8:15
legs 20:8	3:22,23 4:4,14	32:8 35:11	members 6:14	move 5:1 20:10
letting 16:7,12	4:16,24,25 5:1	36:20,25 37:4	10:1 14:22	39:13
19:21	6:4,5 11:13	41:21 46:3,10	16:20,21 23:17	moved 17:22
let's 10:20,21	12:7,8,10	46:14,18,22	24:19 39:7,19	50:19
13:22,23	13:16 17:16,23	48:23 49:4,23	47:19,20	movement 36:4
level 22:1,17,18	18:16,23 19:8	49:23 50:4	merit 6:24	moves 46:21
36:14	19:13 20:4,7	materiality 3:23	meritorious	moving 9:23
levels 44:13	22:11,11,15	4:3,17 5:15	48:6,12	17:22
liability 3:12	23:4,5,22	6:12 7:20,21	merits 9:18,21	
13:10	24:24 25:3,9	7:25 10:8 11:4	12:23 14:4,19	N
light 18:9	25:24 26:14,15	11:8,13 12:2,3	21:18 24:14	N 2:1,1 3:1
likelihood 22:20	26:19,23 27:2	12:16,18,19	27:8 32:2	nearly 38:3
listed 20:14	27:7,13,23	14:8 15:3,7,25	35:19 37:2,19	necessary 18:13
lists 20:13	28:4 29:20,21	15:25 17:2,6,7	40:14 45:22	need 20:8 24:14
litigant 18:16	29:23 30:5,6	17:18,23 20:13	47:15 51:2	34:15
litigants 18:15	30:11 31:4,10	20:13,18,21	52:14	needed 24:13
litigate 52:19,20	31:16 32:17,20	21:15,20 24:9	met 47:5	needs 17:12
litigated 7:9	32:25 33:4,9	24:18,25 27:4	method 9:25	24:16
31:10 34:14	33:20 34:1	27:6,9 30:2,4	28:12 49:19	new 33:14
44:22 52:17	35:8,10,11,12	30:18 31:19	middle 18:2	Ninth 9:5
litigating 34:15	36:15 37:10,16	32:3 33:18	million 31:15	noncohesive
litigation 15:19	39:19,21 40:1	34:12,22 35:19	38:3	24:21
loading 32:1	40:7,7,10	36:17,17 37:13	mind 28:4	nonefficiency
long 43:8	41:20,21 42:5	37:19,24 39:4	mini 32:2	39:10
look 8:7 9:1	42:9,10,12,24	39:6 40:17,19	minor 46:19	nonmaterial
43:24,25	43:2,10,16,19	41:5,25 42:17	minutes 41:2	37:1
looked 37:23	43:24 44:3,8	42:18,19 43:5	48:16	nonplussed 10:9
looking 44:4,5,6	44:10 45:25	44:16 45:19	misinformation	nonpublic 39:22
looks 36:17	46:8,13,13,17	47:15 48:3	16:4,6	Northway 5:15
lose 12:25 15:25	46:20 49:4,6	49:2 50:7,8	misleading 3:14	note 33:10
16:9 21:6 27:8	49:22 50:18,19	51:2	misrepresenta	notes 14:17
30:19	50:20,24 52:1	matter 1:12 7:14	20:14 21:17,19	48:20
loses 15:2,3 32:8	52:1,8,9	8:22 9:8 34:8	37:4 41:22	notion 37:17
32:18	markets 20:10	45:21 53:10	misstatement	49:13
loss 17:8 20:7	30:6	matters 40:8	10:9 17:21	November 1:10
34:21 45:9	market's 18:19	mean 6:21 7:6	30:20 36:4	number 20:23
lost 53:4	married 21:9	21:1 22:17,18	49:23 52:1,10	0
lot 24:3	material 3:21	29:24 30:15	misstatements	02:13:1
loudly 49:5	4:25 5:7,20 6:1	31:16 32:4	29:12	objective 5:16
lower 37:11	8:6,8,9 9:1,10	39:24 41:3	mix 6:8 8:25	15:7 37:7 39:4
44:14	10:18,18,25	means 4:3 19:10	22:23 36:18	objectively 25:2
M	12:10 13:15	22:19 28:2	model 43:24	observations
	15:4,4,5,5,9	42:4 45:2	Monday 1:10	24:5
majority 8:23	16:22,23 20:9	meet 25:13 29:5	money 21:6	occur 28:19
				20.17

	•		I	I
occurred 52:10	particular 13:19	23:14 38:23	27:18 39:2	6:18,20 8:14
occurring 38:2	13:20 15:9	point 4:6 14:3	42:13 44:17	22:4,5,7 35:13
odd 13:17	18:19 38:25	14:15 25:6	predominates	39:7 50:20
offense 7:21	43:23	29:19 30:1	16:20,21	51:24
oh 8:16	parties 4:8	33:3 42:15	preexists 15:18	proceeding 21:8
okay 10:13 12:2	party 9:23	45:3 47:8 51:6	prejudice 47:22	proceedings
15:23 50:2	pause 18:1	52:25	prejudiced	38:13
52:22	pausing 18:1	pointed 39:10	47:21	process 23:15
once 13:14	people 6:6 15:25	47:21	preliminary	products 29:13
15:15 35:4	17:13 19:9	points 44:24	18:24 31:23	professorial
41:25 43:1,2	21:8 22:8,9	policy 38:11	35:15	14:13
one-way 48:10	26:10	44:23 45:1,14	premise 7:13,15	prongs 29:1
opinion 20:2,12	percent 14:1	47:9	premised 44:7	proof 5:25 6:4
37:14	27:24 38:2,7	posit 50:17	prerequisites	9:25 17:15
opinions 8:2	39:24,24 40:2	positing 37:9	16:15 47:2,4	44:5
opponents 13:8	40:3	position 23:25	present 13:3	proofs 36:12
opposite 13:5	perfect 8:24	27:2 32:22,23	presented 44:11	proper 16:23
opt 29:16 47:24	20:15,16	47:14 49:2	49:17	proposed 34:24
oral 1:12 2:2,5,8	perfectly 38:14	possible 29:7	president 8:20	proposing 9:25
3:7 23:11	period 4:16	possibly 9:10	pressure 35:4	protected 29:9
38:19	10:22 31:16	postpone 12:23	presumably 5:1	47:23,24 48:2
order 21:16,17	52:10	postponed 12:24	7:17 8:21	prove 3:16,17
24:10 43:20	person 13:19	potential 30:21	presume 35:9	4:23 5:2,7,18
46:8 51:3	15:9 28:21,22	powerful 53:1	presumed 3:23	12:6 19:9,14
ordinarily 18:17	29:2,4 40:1	practical 42:3	32:18 52:6	19:15,16 23:21
ordinary 21:4	persons 48:24	precisely 26:25	presumption	36:5 45:6
ought 38:12	petition 25:15	preclude 5:21	23:20	50:14,22,23
outset 34:16	Petitioners 1:4	precluded 9:15	presumptions	51:4,13,14,25
outstanding	1:17 2:4,14 3:8	precludes 11:1	23:25	52:3,5,13
31:15	41:9,13 42:15	precondition	pretty 9:1	proved 24:13,14
overgeneraliz	43:18 44:20	41:3	prevail 39:21	50:9
43:11	45:17 46:25	preconditions	pre-try 14:4	proven 12:14,18
overrule 41:23	47:9,13 48:18	13:2 40:13,14	price 3:19,20,23	17:12 23:6
P	phrase 13:5 41:13	predicate 4:22	4:4,24 5:2 6:4	42:12 43:1,2
P 1:16 2:3,13 3:1	place 14:19	7:22 12:4,6,17 17:19 28:13	6:5 12:8,8,10 16:5 17:23	45:11 49:10 53:3,4
3:7 48:17	15:18	41:7 45:22	18:18,18 22:13	proves 45:12
page 2:2 20:12	plaintiff 5:21	49:3	22:14 26:12,12	province 38:10
25:15	6:11 7:9 9:20	predicates 4:10	27:3,16 36:4	province 38.10 proving 4:12 9:5
paid 26:19	plaintiffs 3:25	4:13 23:5	36:15 40:1	17:15 42:5,10
paradigm 49:9	4:11 52:3	46:23 47:1	44:3 46:8,9	49:19
49:10	Plans 1:6 3:5	predominance	49:7,22,24	PSLRA 34:20
paragraph	play 42:16 44:21	17:5 24:22	50:18,24 52:1	38:9 45:1
43:17	plays 30:12	38:25 40:5	problem 41:1	public 4:15,25
parroted 31:24	pleading 34:21	47:6	42:21 47:13	19:2 23:4
part 11:25 40:20	38:8	predominate	procedural 42:2	27:15 29:22
50:8	please 3:10	19:25 20:24	proceed 5:22	40:11 43:3
	F		1	
	<u> </u>	<u> </u>	1	1

46:1,21	51:3 53:3	25:12	53:3	requisites 24:6
publicity 19:12	questions 16:20	rebuttal 2:12	relied 3:19 4:12	reserve 23:8
28:16 30:8	17:9 26:13	48:17 52:7	5:25 6:3 11:3	resolved 8:8
32:23 34:7	38:16 44:12	rebutted 24:1,2	12:12 21:5	respect 16:3
39:17 40:8	question's 28:7	recognized	22:6,8 29:11	23:7 27:4,21
52:17	quibble 46:19	34:18 39:3	35:9 41:19	40:5,7 42:10
publicly 3:22	quickly 44:2	red 18:9	49:22	42:25 45:4,8,9
22:15 52:9	47:8	redeterminati	relier 5:17	45:9
published 49:5	quintessential	24:9	reliers 10:2,2	Respondent
purported 21:2	24:20	referred 46:6	relitigate 6:11	1:19,23 2:7,11
purpose 12:22	quirk 12:2	referring 48:21	47:23	23:12 38:21
12:22,25 13:1	quite 33:3	reflect 3:20,24	relitigation	responding 19:3
13:8 38:6 40:4	quote 15:18 20:1	reflected 26:19	47:14	response 17:13
41:17	48:22	27:7	rely 17:20 22:10	43:21,23 45:13
purposes 24:21	quoting 15:15	reflects 29:23	26:11 39:20,21	responses 43:14
41:6 47:18		31:4	41:19,20 45:19	result 44:6 48:4
pursue 43:20	R	regard 27:22	50:17,23	Retirement 1:6
put 28:6 38:12	R 3:1	46:2	relying 4:23	3:5 5:22 6:19
46:12	raised 44:24	regardless 21:12	16:6	25:12
putative 7:3	raising 5:11	reiterated 5:16	remanded 24:9	right 6:16 7:17
9:24 16:7	random 46:17	17:10	remedy 6:21	11:18,20,23,24
p.m 53:9	ratchet 48:10	related 40:14	remove 41:25	14:9,24 15:22
	rate 38:2	relevant 6:7	render 9:14	16:15 18:3
Q	reach 44:6	10:22 24:25	repeatedly 14:8	19:1 26:25
question 3:15,24	reaches 48:13	30:2 36:18	15:7	30:1,15 31:5
4:18 6:11 7:12	react 20:7	reliance 3:14,16	report 28:7	31:18,25 33:23
7:13,24 9:7	reacted 20:5	3:18 4:23 5:2	reports 27:15	33:25 36:1
11:13 12:21	reaction 18:19	5:19,20 10:4	representation	40:23,25 41:3
14:9,18 15:1,1	30:10	11:9,16 12:6	47:25	41:5 42:11
15:1,18 16:15	read 24:16	12:11,15,17,17	representations	46:14,22 50:6
16:19,21,22	real 12:21 26:3	13:16 17:5,11	16:22	50:10 51:18
17:1,1,4,5,11	36:2	17:19 19:9,14	representative	rightly 33:3
18:24 19:23,24	reality 31:4	20:1 21:11	7:3 9:24 10:13	rise 33:17 37:3
19:25 20:13,15	really 10:9 28:8	22:6 25:1,7,8,9	10:17 14:20	37:21
20:18,22,25	37:18 38:10	25:10,18,23	15:17 16:7	rises 48:5
21:2 22:2,25	41:10 43:1,10	27:13 28:12	21:3 25:13,23	risk 12:24
23:19 26:15,22	43:10	29:9,15,25	require 46:9	road 21:13
27:4,9 28:1,5,7	reason 27:10	30:6 32:25	47:14	ROBERTS 3:3
30:25 31:13	31:3,22 34:15	34:22 37:17	required 9:13	4:1,7 20:20
32:3,12 33:1	35:3,3,16	39:20 40:15	requirement	23:9 38:17
33:10,21 36:2	49:16 52:12,15	41:14 42:5,8	25:14 29:5	45:18,23 48:15
36:17,24 37:2	52:18	42:20 43:4	34:21 39:1	53:7
37:8,12,19,20	reasonable 6:6	44:7 45:20,25	47:25	role 27:12 30:12
37:23,24 39:1	11:16 22:22	46:2,5 48:24	requirements	rolling 24:4
41:10,11,13,16	25:2 30:9 37:5	49:3,6,8,10,12	38:12	rule 7:19 12:22
43:3,7 47:3,15	reasoning 42:24	49:20 50:5,8,9	requires 9:23	12:23 15:12,12
49:16 50:21	reasons 23:17	50:14,22 51:25	44:18	24:6,16 25:14

	ı	ı	ı	ı
29:2,10 38:25	38:1 45:5	42:17 43:9	11:14 12:16	30:9
45:16 47:2,4	see 30:2	side 12:4	13:9,10,23	stocks 4:16
47:18,24 48:7	seeking 28:21	significant 16:5	17:4 21:22	26:11
48:11 49:15	sense 3:12 7:2	31:21	23:1,21 26:24	stock's 36:24
52:25	20:15,16 44:6	significantly	32:10 33:15	stool 20:8
ruled 7:7,10	sentence 18:2,2	22:22	36:8,12 40:5	stroke 15:13
Rules 14:17	sentences 18:1	silence 13:17	45:12 47:4,11	studies 10:24
ruling 8:4	separate 41:8	similarly 13:17	47:15	36:13
run 7:15 52:18	serve 28:2 47:18	28:3,11	standard 5:14	subjective 25:1
run-of-the-mine	serves 27:11	simply 9:5 10:3	5:16 11:11	submitted 53:8
25:22	28:10,16 30:18	26:2 35:15	12:19	53:10
	41:6	41:24	standards 38:8	subsequently
S	set 13:18,20	situated 28:3,12	standing 27:1	25:16
S 2:1 3:1	23:19 24:1	situation 14:2	start 11:23 24:4	subsidiary
sarcastic 20:17	SETH 1:16 2:3	SLUSA 45:1	38:24	33:18,22
satisfaction 23:6	2:13 3:7 48:17	sold 3:14 4:16	started 20:12	substantial
satisfied 16:16	setting 21:15	18:17 26:12	statement 3:14	22:20
saying 5:24 8:11	settle 35:4 45:8	40:2	3:17,18,20,21	substantive 7:21
11:2,6,7 14:6	settlement 15:19	Solicitor 1:20	3:24 4:12,15	24:7 42:2
15:21 31:19	35:6,15 38:2,3	somebody 10:21	4:20,21,23	45:21
32:7,11,17	Shady 47:3	41:2	5:20,25 6:14	subtle 43:11
36:23 37:22	shares 31:14	sooner 35:16	6:22 7:7,10	successful 38:5
51:2	Sherry 1:20 2:9	sophisticated	8:13 10:14	sue 7:3
says 7:3 10:10	38:18,19,22	33:10	12:7,8,9,13	sufficient 29:25
10:23	39:11,15 40:4	sorry 6:9 19:6	17:15,22 18:20	31:20
Scalia 17:25	40:18,23 41:4	SOTOMAYOR	19:2,4 20:5,9	sufficiently 48:1
18:6,10,12,22	42:1,25 43:14	4:19 5:4,9 6:9	21:5 22:6,12	suggestion 33:9
26:4 27:5,10	45:21 46:4,15	11:5 23:18,24	22:14 23:4	suggests 47:20
27:20 28:10	46:19 48:21	28:15,18 39:9	26:19 29:22,24	suit 6:15,17,18
30:24 31:2,6,7	short 45:12	39:12	35:11 49:4,5	6:24 11:2 26:7
35:2,17 37:9	shortcut 4:11	sought 19:24	49:11,20,23	summary 7:20
39:9,23 41:15	17:14 51:17,21	sound 37:14	50:15,19 52:7	8:5,14 9:9,15
42:19 46:12,16	51:23,23	38:14	52:8	super 9:18
51:9,12,17,20	show 11:15 20:3	sounds 51:1	statements 4:25	support 32:21
Schleicher	20:4,22 21:3	source 40:12	8:24 20:10	supporting 1:22
37:15	21:10,11,12,16	special 30:11	32:5 33:17	2:11 38:21
scholarship 43:8	21:18 27:13	34:5,9,14	39:22 40:11	suppose 4:2 36:1
scienter 17:8	33:19 35:8	40:15	43:3	Supreme 1:1,13
20:6 34:20	36:14 45:19,24	specially 31:20	statement's 46:2	sure 5:8 32:15
45:9	45:25 46:2,7,9	31:21	states 1:1,13,22	42:3
search 19:22	50:3,4,5,9	specter 37:25	2:10 38:20	surmount 9:21
second 24:15	showed 38:4	splinter 24:20	48:21	suspect 13:8
42:23 43:22	showing 3:18	splits 19:10	statistics 38:4	System 25:12
45:3	16:8 25:24	spurious 48:9	stock 26:20	
securities 19:25	28:13 51:25	stage 3:15 6:12	27:14,15 31:17	<u> </u>
25:20 27:18	53:2	8:3,12 9:9,11	39:25	T 2:1,1
29:3 31:11	shown 39:6	9:13,15,18,23	stockbroker	take 7:14 10:21
	-	<u>- </u>	-	-

12.4.52.19	22.4.22.11	21.24.25.10.12		***
13:4 52:18	32:4 33:11	31:24 35:10,12	usually 26:9	Waxman's
takes 46:13,18	43:8 46:4	35:23		29:19
46:20	thinking 24:12	Trust 1:7 3:5	v 1:5 3:4 5:15	way 5:12 13:5
talking 10:7	thinly 27:14	truth 28:20	24:18	16:7 17:16
12:15 42:11,13	third 45:13	truth-on-the	valid 12:24	19:2 35:7
44:15 47:5	thought 6:22	5:10,10 28:20		38:14 39:13
tell 33:25	10:7	43:20	variation 48:23	50:23 52:15
temporally	thousands 21:7	try 13:9,22,23	various 34:19	ways 29:10
21:24 22:2	three 6:6 20:8	24:5 25:6	vast 8:23	weigh 9:13
tens 21:7	23:17	36:14	version 48:7,11	20:23 40:6
term 17:10	tie 10:2	trying 5:2 19:21	viewed 22:21	went 50:9 52:2
terms 21:25	till 52:13	20:23 29:18	voted 34:25	We'll 3:3
44:13 45:16	time 14:1 19:23	33:24 45:24	\mathbf{W}	we're 42:11,13
46:4,10 47:19	23:8	46:7	wait 52:13	44:15 47:5
test 9:5 15:8,10	timing 23:5	TSC 5:15		51:7,10
22:23	today 25:6 42:6	two 17:17 21:15	waiting 13:10 Wal-Mart 14:25	we've 15:7
tethered 45:15	44:9,15	21:20 22:3		whatsoever 11:1
Thank 23:13	told 28:22	25:11 40:8,20	15:10 24:18	win 15:25 21:18
38:17 48:15,19	tort 34:2,9,13	41:6,9 42:25	want 7:11 31:8,9	30:20,21 51:2
53:6,7	total 6:8 8:25	type 5:11 52:8	37:22 43:12	window 30:7
theoretical 26:2	22:23 36:18	typical 29:4	48:11 51:24	winning 19:11
theory 4:10 11:8	tracks 17:17	typicality 25:14	52:12,15	wins 15:2,3
12:5 16:9	22:3	29:1,5	wanted 9:3	32:18
18:14 22:7,10	trade 42:6	tyranny 18:11	Washington 1:9	witnesses 8:2
24:7,24 25:8	traded 27:14		1:16,18,21	words 13:18
25:10,18,20	31:15	U	wasn't 22:14	32:17
29:9,15,20	trading 28:23	ultimate 47:12	30:5	work 29:18 50:2
30:5,11,13	52:9	underlie 47:18	Waxman 1:16	50:2
32:21 34:5,10	traditional 34:1	understand	2:3,13 3:6,7,9	worked 21:1
39:8 40:16	49:9,19	16:25 18:10	4:5,9,21 5:8,12	world 26:3
41:7,17,24	traditionally	29:18 30:14	6:10,17,25	29:23 30:8,8
42:1,2,21	34:8,13 50:1,2	36:21 45:24	7:11 8:19 9:8	wouldn't 9:4
43:10,12 44:2	transaction 46:5	understanding	9:12,19,22	13:6,7 44:10
44:7 45:20	46:6	24:22	10:8,20 11:11	47:22
46:11,24 47:1	transactions	understood	11:17,20,23	wrong 6:25 7:1
49:17 50:12	42:9 44:8	11:21	12:2 13:6,12	11:21 33:16
51:15	transform 21:4	United 1:1,13,22	14:3,15,24	
thing 7:16 8:15	treatment 48:22	2:10 38:20	15:14,21,23	X
16:18 18:23	trial 10:3 13:11	unites 39:5	16:2,11,12,14	x 1:2,8
24:15 45:8	21:23 22:17	41:12	16:17 17:3,25	
things 29:12	23:2,6 28:14	unsuited 48:22	18:5,9,11,21	Y
52:7	32:2,9,19	upfront 52:13	19:1,5,6,19	year 38:1,6
think 6:25 7:1	trials 32:5 35:19	52:18	20:11,16,25	years 43:7
8:8 10:24	trier-of-fact 6:1	upheld 24:10	21:14,24 22:19	
12:22 13:24	6:3	use 29:20,21	23:3 48:16,17	Z
28:19,25 29:15	true 5:1 19:2	40:15 53:1	48:19 50:6,10	zero 4:4
30:1,13 31:7,8	20:5 29:17	useful 53:1	51:4,10,16,19	\$
			51:22 52:21,24	Φ
	ı	l	I	ı

\$9 38:3	50 38:7
1	9
1.1 31:14	931:15
10b-5 3:13 10:6	93 38:2
12:15 17:10	95 27:24 39:24
20:19 29:14	40:2
50:13	99 14:1
10b-5(b) 12:18	77 14.1
10:30 8:21	
10.30 8.21 100 39:24 40:3	
11-1085 1:4 3:4	
11:06 1:14 3:2	
12:06 53:9	
188 38:7	
1966 48:7	
1900 48.7 199 43:17	
199 43:17 1995 34:19 38:1	
1995 34:19 36:1	
2	
200 31:14	
2011 38:4,6	
2012 1:10	
23 2:7 12:22,23	
24:6,16 29:10	
38:25 45:16	
47:2,4,18	
49:15 52:13,25	
23's 47:24	
23(a) 16:15,15	
25:14 29:2,6	
23(b)(3) 38:12	
48:8,11	
24 43:7,24	
242 20:12	
25A 25:15	
28 43:25	
3	
3 2:4 16:19	
300 37:25	
38 2:10	
36 2:10	
4	
48 2:14	
4 0 2.14	
5	
5 1:10 48:16	
	1