1	IN THE SUPREME COURT OF THE UNITED STATES
2	x
3	HALLIBURTON CO., ET AL., :
4	Petitioners, : No. 13-317
5	v. :
6	ERICA P. JOHN FUND, INC., :
7	FKA ARCHDIOCESE OF MILWAUKEE :
8	SUPPORTING FUND, INC. :
9	x
10	Washington, D.C.
11	Wednesday, March 5, 2014
12	
13	The above-entitled matter came on for oral
14	argument before the Supreme Court of the United States
15	at 10:17 a.m.
16	APPEARANCES:
17	AARON M. STREETT, ESQ., Houston, Texas; on behalf of
18	Petitioners.
19	DAVID BOIES, ESQ., Armonk, New York; on behalf of
20	Respondent.
21	MALCOLM L. STEWART, ESQ., Deputy Solicitor General,
22	Department of Justice, Washington, D.C.; for United
23	States, as amicus curiae, supporting Respondent.
24	
25	

1	CONTENTS	
2	ORAL ARGUMENT OF	PAGE
3	AARON M. STREETT, ESQ.	
4	On behalf of the Petitioners	3
5	ORAL ARGUMENT OF	
6	DAVID BOIES, ESQ.	
7	On behalf of the Respondent	25
8	ORAL ARGUMENT OF	
9	MALCOLM L. STEWART, ESQ.	
10	On behalf of United States, as amicus curiae,	
11	supporting Respondent	41
12	REBUTTAL ARGUMENT OF	
13	AARON M. STREETT, ESQ.	
14	On behalf of the Petitioners	50
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

1	PROCEEDINGS
2	(10:17 a.m.)
3	CHIEF JUSTICE ROBERTS: We'll hear argument
4	this morning in Case 13-317, Halliburton Company v . The
5	Erica P. John Fund.
6	Mr. Streett.
7	ORAL ARGUMENT OF AARON STREETT
8	ON BEHALF OF THE PETITIONERS
9	MR. STREETT: Mr. Chief Justice, and may it
10	please the Court:
11	Basic v. Levinson should be overruled
12	because it was wrong when it was decided and it is even
13	more clearly erroneous today. Basic substituted
14	economic theory for the bedrock common law requirement
15	of actual reliance that Congress embraced in the most
16	analogous express cause of action.
17	Basic's judicially created presumption
18	preserves an unjustified exemption from Rule 23 that
19	benefits only securities plaintiffs. Basic has proven
20	unworkable, has been undermined by later developments,
21	and has proven to have harmful consequences for
22	investors and companies alike.
23	The most direct course is to overrule Basic
24	altogether and require a showing of actual reliance.
25	JUSTICE GINSBURG: I believe that in Basic,

- 1 Justice Blackmun said that there is this economic
- 2 theory, but also the motivation for the Exchange Act and
- 3 probability and common sense would lead to this
- 4 presumption -- this rebuttable presumption. So he
- 5 wasn't relying strictly on an economic theory. I think
- 6 two or three times in the opinion, he tries to make that
- 7 plain.
- 8 MR. STREETT: Yes, Justice Ginsburg, but the
- 9 Court in Basic recognized that Section 18(a) was the
- 10 proper analog, but then it immediately turned to its own
- 11 notions of public policy and the best way to further
- 12 congressional policy, instead of asking what sort of
- 13 reliance does Section 18(a) require.
- 14 JUSTICE GINSBURG: Where is that, that it
- 15 says that 18(a) is the proper --
- 16 MR. STREETT: I believe --
- 17 JUSTICE GINSBURG: -- reference?
- 18 MR. STREETT: I believe it's on page 245
- 19 where the Court says, "We acknowledge the argument that
- 20 Section 18(a) is the proper analog, and we accept that
- 21 there is a reliance requirement under 10(b)."
- 22 But the Court then jumps to creating a
- 23 presumption of reliance, rather than asking what sort of
- 24 reliance Section 18(a) requires, which has always been
- 25 understood to be actual eyeball reliance.

- 1 JUSTICE KAGAN: Mr. Streett, that argument,
- 2 of course, is just an argument that Basic was wrong
- 3 in -- in -- in not focusing on -- on Section 18, and
- 4 that's contestable. One could say actually, they were
- 5 right not to focus on Section 18, Section 9 is the
- 6 closer analog.
- 7 But let's put that aside. Are you just
- 8 saying Basic is wrong, or are you saying that something
- 9 has changed since Basic? Because usually that's what we
- 10 look for when we decide whether to reverse a case,
- 11 something that makes the question fundamentally
- 12 different now than when we decided it. And that's
- 13 especially so in a case like this one where Congress has
- 14 had every opportunity, and has declined every
- 15 opportunity, to change Basic itself.
- So what has changed, in your view?
- MR. STREETT: We're saying both that it was
- 18 wrong when decided and that certain things have changed.
- 19 At least three things, Your Honor.
- 20 First of all, this Court has fundamentally
- 21 changed its approach to interpreting the Section 10(b)
- 22 cause of action. It's consistently construed it
- 23 narrowly, and Basic stands out like a sore thumb among
- 24 that jurisprudence.
- 25 Second, this Court has consistently held in

- 1 Comcast and Wal-Mart that there cannot be presumptions
- of classwide issues; instead, classwide issues must be
- 3 proved in fact. The Court addressed plaintiff's experts
- 4 in those cases who purported to establish class --
- 5 classwide methodologies, and the Court tested those with
- 6 rigor to determine whether they proved, in fact, that
- 7 there were classwide issues.
- 8 And we're asking this Court to give the
- 9 Basic presumptions the same rigor that this Court gave
- 10 the expert reports in Comcast and Wal-Mart, at the very
- 11 least because those -- those expert reports only
- 12 generated one class action. And this has underlined
- 13 all --
- 14 JUSTICE KAGAN: What is your third?
- 15 MR. STREETT: Pardon?
- 16 JUSTICE KAGAN: You said three. What is
- 17 your third?
- 18 MR. STREETT: Yes. And my third is that the
- 19 economics have changed. The economic premises of Basic,
- 20 in particular, the premise that investors rely in common
- 21 on the integrity of the market price. The government
- 22 and the fund do not even contend, they don't even
- 23 contest that that's the case anymore. Many investors,
- 24 such as hedge fund rapid-fire volatility traders, index
- 25 fund investors, sophisticated value investors do not --

- 1 they have investment strategies that do not rely on the
- 2 integrity of the market price whatsoever. So that sort
- 3 of reliance is the quintessential individualized
- 4 issue --
- 5 JUSTICE KAGAN: So -- so you are not relying
- 6 anymore on the notion that the efficient markets
- 7 hypothesis has been undermined. That is not one of the
- 8 three points that you're making because, essentially, I
- 9 think you -- you admit this in your reply brief. You
- 10 just say Halliburton has never said that market prices
- 11 -- has never contested that market prices generally
- 12 respond to new material information.
- 13 So you are agreeing with that, that market
- 14 prices generally do respond to new material information.
- 15 MR. STREETT: Cited at that general --
- 16 general level, we don't disagree with it.
- 17 The problem is that we now know that a
- 18 binary yes-or-no approach to market efficiency like the
- 19 sentence you read tells us very little about whether a
- 20 particular misrepresentation distorted the market price.
- 21 So Basic has become inconsistent with its own premises.
- JUSTICE KAGAN: Well, but we don't have that
- 23 kind of binary approach. What we allow plaintiffs to do
- 24 is to try to establish a presumption, which they do by
- 25 showing that a particular market is efficient, and then

- 1 we allow defendants to rebut that presumption.
- 2 So there's no binary on/off switch. It's
- 3 actually -- it's a presumption, but it's quite dependent
- 4 on the facts in a particular case as to whether there's
- 5 an exception to this general rule that market prices, in
- 6 fact, do generally respond to new material information.
- 7 MR. STREETT: It's -- it's binary in the
- 8 sense that the principal driver of class certification
- 9 is whether the market is efficient in a yes-or-no,
- 10 binary sense, and that's why we have raised our second
- 11 position, which is if the Court were inclined to keep
- 12 the presumption in some sense, it should at least place
- 13 the burden on the plaintiff to establish that the
- 14 misrepresentation actually distorted the market price,
- or to give defendants the full right of rebuttal at the
- 16 class certification stage to establish the price was not
- 17 impacted.
- 18 JUSTICE ALITO: Do we know how often
- 19 defendants have been successful in rebutting the
- 20 presumption?
- 21 MR. STREETT: It is -- it is virtually
- 22 impossible. It's very unusual outside of the context of
- 23 the Second Circuit which allows rebuttal with respect to
- 24 price impact. Outside of that circuit, I think as one
- of the amicus briefs said, they're as rare as hen's

- 1 teeth.
- 2 And that is another development. Certainly
- 3 this Court in Basic thought the fact that the
- 4 presumption was rebuttable was an essential part of that
- 5 holding, and it now turns out the courts, especially the
- 6 court below in this case, have treated it as essentially
- 7 irrebuttable, even with respect to the fundamental
- 8 premise of Basic, which is price impact.
- 9 CHIEF JUSTICE ROBERTS: Could I ask you --
- 10 JUSTICE GINSBURG: Isn't the -- isn't the --
- 11 it's not a question of is it rebuttable. I thought that
- 12 that's already claimed from Basic. It's a question of
- 13 when. You're arguing that it should be rebuttable at
- 14 the class certification stage. The other side is
- 15 arguing, yeah, of course it's rebuttable, but that comes
- in at the merits determination. It doesn't go to the
- 17 question whether there are individual issues that
- 18 predominate over class issues.
- MR. STREETT: And we are not aware of a
- 20 single instance in which this Court allowed a
- 21 presumption to be invoked for the very purpose of one
- 22 stage of litigation, but held that the defendant's right
- 23 to rebut must be delayed to a later stage. And there
- 24 can be no doubt that Basic created the presumption of
- 25 reliance, among other reasons, for the very purpose of

- 1 allowing class certification of securities fraud cases.
- 2 CHIEF JUSTICE ROBERTS: I -- I understand
- 3 your friend on the other side to acknowledge that the
- 4 efficient market theory is not perfect, that there are
- 5 situations in which events are not reflected in the
- 6 market price.
- 7 I understand you to acknowledge that it's
- 8 accurate to some extent, but that the exceptions or
- 9 the -- the extent to which it's not accurate over --
- 10 override the extent to which it is. In other words,
- 11 you're each sort of dealing with at the -- at the -- if
- 12 not at the margins, you know, most of the time it's
- 13 efficient; you say too much of the time it's not.
- 14 How am I supposed to review the economic
- 15 literature and decide which of you is correct on that?
- 16 MR. STREETT: We don't think the Court needs
- 17 to do that. We think the Court should get out of the
- 18 business of reviewing economic literature and requiring
- 19 district judges to make this binary, yes-or-no market
- 20 efficient --
- 21 CHIEF JUSTICE ROBERTS: No, your submission
- 22 is that we should jettison the Basic test because
- 23 economists now believe that the efficient market theory
- 24 is not sufficient -- sufficiently accurate or true to
- 25 support it. So I thought -- I mean, you review a lot of

- 1 the economic literature in your briefs. I assume you
- 2 wanted me to look at it.
- 3 MR. STREETT: Of course, our principal
- 4 submission is that no economic theory should supplant
- 5 what Congress enacted in Section 18(a) in the most
- 6 analogous cause of action. The economic theory shows
- 7 that one of the basic premises is no longer even
- 8 defended. The second premise, that investors rely in
- 9 common on the integrity of the market price, is not even
- 10 defended by the government and the Fund. And with that
- 11 premise knocked out, there's no remaining shred of
- 12 transaction causation because you have no common
- 13 reliance even on the price as a transmitter of the
- 14 information. And in that instance, then fraud becomes
- 15 the quintessential individualized question.
- 16 I'd like to get -
- 17 JUSTICE KAGAN: Could you explain --
- 18 JUSTICE SOTOMAYOR: In a class action, how
- 19 do you prove loss causation without proving price
- 20 impact? I know that there are some individual cases
- 21 with individual misrepresentations that have a different
- 22 form of loss causation. But I'm talking exclusively
- 23 on a -- in a class. How do you prove loss -- proximate
- 24 cause or loss causation without proving price impact?
- 25 MR. STREETT: A class under fraud-on-the-
- 26 market theory could not do that. But the question under

- 1 Amgen is whether there would be individuals within the
- 2 class who could show that they actually heard and relied
- 3 upon the statement and --
- 4 JUSTICE SOTOMAYOR: Well, but that makes no
- 5 sense.
- 6 MR. STREETT: Well, let me --
- 7 JUSTICE SOTOMAYOR: Because if they relied
- 8 on their statement, then that's -- they have to prove
- 9 loss causation in the same way that the class does.
- 10 It's only if they're relying on a separate statement,
- 11 which isn't part of the class, that would entitle them
- 12 to a different calculation of loss causation.
- 13 MR. STREETT: A plaintiff within the class
- 14 could still establish loss causation without price
- impact in the same way that a plaintiff in the class
- 16 could establish loss --
- 17 JUSTICE SOTOMAYOR: How?
- 18 MR. STREETT: By --
- 19 JUSTICE SOTOMAYOR: With the same
- 20 misstatement at issue?
- 21 MR. STREETT: By purchasing in reliance on
- 22 that misstatement at a price that was not on the New
- 23 York Stock Exchange.
- 24 JUSTICE GINSBURG: Then how is such a
- 25 plaintiff's claim typical of the class? You have -- you

- 1 admitted that the 23(a) factors are met, commonality and
- 2 typicality. Well, if one is a member of this class that
- 3 says, we didn't rely individually, but we did rely on
- 4 the marketplace as being -- as having integrity, if you
- 5 have someone to whom a direct representation was made,
- 6 that person is not a proper member of this class as a
- 7 discrete question, not one common to the class, not one
- 8 typical. The typical investor in a Basic class is
- 9 somebody who no representation was made to that person
- 10 directly.
- 11 MR. STREETT: I'm relying on a case where
- 12 the misrepresentation was made in a way that's typical
- 13 to the class, but individual class members purchased off
- 14 of the exchange, and therefore they purchased at a
- 15 different price, perhaps, than what was on the exchange.
- But I think the real point is that this
- 17 Court emphasized and held in Amgen that plaintiffs
- 18 could -- that plaintiffs did need to establish that the
- 19 market was efficient and that the statement was public.
- 20 JUSTICE BREYER: Can you -- can -- to take a
- 21 totally different case, just thinking of the
- 22 announcement of the opinion I had, is a contract case.
- 23 We'll say it's the treaty that we're talking about. And
- 24 a group of plaintiffs say: We, Your Honor, would like
- 25 to show that the way that Argentina treated us was

- 1 unfair under the treaty. All right. And the other side
- 2 says: Well, what we think it's fair; we don't think the
- 3 treaty covers this.
- Now, what we have here is a common issue.
- 5 So we don't have to decide, to judge who's right. We've
- 6 just noticed it was common issue. And so they make
- 7 their case, at least prima facie, that they have a side
- 8 and the other side will rebut it on the merits.
- 9 Well, similarly, here, they're saying: We
- 10 don't have to show that the markets incorporate every
- 11 piece of information. We think they incorporate this
- 12 information, and it's a general rule, they do incorporate
- 13 most information.
- 14 The other side wants to show they didn't
- 15 incorporate this. That's fine. It's a common issue.
- 16 We'll decide it at the trial. All we're trying to say
- is, is it a common issue, and it's not a red herring to
- 18 throw in whether the markets incorporate information
- 19 because normally they do, period. Now, what's wrong
- 20 with what I said?
- 21 MR. STREETT: Because market efficiency and
- 22 publicity are also common issues that this Court
- 23 required to be considered at the class certification
- 24 stage. And this Court required those issues to be
- 25 considered because they are predicates for price impact.

- 1 JUSTICE KAGAN: Now, we've required them to
- 2 be considered because --
- 3 JUSTICE SCALIA: It's certainly not the rule
- 4 -- it's certainly not the rule that every -- every issue
- 5 that is common has -- has to be decided at the
- 6 preliminary -- or I'm sorry, must be left to the merits.
- 7 I mean, as you point out, the very issue of whether the
- 8 market is efficient is something that could be decided
- 9 for everybody at the merits stage, right?
- 10 MR. STREETT: That's absolutely correct.
- 11 And the reason this Court allowed market efficiency and
- 12 publicity to be considered is because without those
- 13 predicates, there's no reason to presume that there's
- 14 price impact.
- 15 JUSTICE KAGAN: Mr. Streett, there's a --
- 16 there's a real difference with respect to those issues
- 17 and I think that this was really what Amgen said. It
- 18 said that when you rule on those things, it essentially
- 19 splits up the class so that different members of the
- 20 class are left in very different positions; but that
- 21 when you rule on a question like materiality, which
- leaves all members of the class in the exact same
- 23 position, either with a viable claim or with no claim,
- 24 and it doesn't split the class in the way that the
- 25 efficient markets theory do, that's the difference.

- 1 And here -- and this goes back to Justice
- 2 Sotomayor's question -- I just don't see how this splits
- 3 the class at all, because if you can't prove price
- 4 impact, you can't prove loss causation and everybody's
- 5 claims die.
- 6 MR. STREETT: Well, that same argument could
- 7 have been made against market efficiency or publicity.
- 8 If you don't have a public statement reaching the
- 9 market, there's no way the price could have been
- 10 impacted.
- 11 JUSTICE KAGAN: Well, I think that the --
- 12 that the difference is that even if you don't have
- 13 market efficiency and so you lose the ability to bring
- 14 the -- a claim with the fraud-on-the-market presumption,
- 15 you might still have an individual reliance claim.
- 16 MR. STREETT: Yes. And if the market price
- 17 was not distorted, you could still have an individual
- 18 reliance claim for exactly the same reasons. If the
- 19 market's not efficient or the statement is not public,
- 20 you are, by necessity, not going to have price impact.
- 21 So market efficiency and publicity are precisely,
- 22 exactly situated with respect to price impact.
- 23 And the result of disallowing price impact
- 24 evidence at the class certification stage, which this
- 25 Court said was Basic's fundamental premise, would mean

- 1 automatic class certification for all New York Stock
- 2 Exchange companies, because those companies trade in an
- 3 efficient market in the binary, yes-or-no sense that
- 4 Basic states. And that cannot be what this Court --
- 5 JUSTICE KENNEDY: Finish your sentence.
- 6 "And that cannot" --
- 7 MR. STREETT: Cannot be what this Court
- 8 intended in Basic when it created a rebuttable
- 9 presumption.
- 10 JUSTICE KENNEDY: Would you address briefly
- 11 the position taken by the law professors, I call it the
- 12 midway position, that says there should be an event
- 13 study. That might not take care of your first two
- 14 arguments of the narrow construction of 10(b)(5), and
- 15 the question of presumptions, but it does seem to me to
- 16 be a substantial answer to your economic analysis to
- 17 the -- to the challenge you make to the economic
- 18 premises of the Basic decision.
- 19 MR. STREETT: Yes. Our principal argument
- 20 is that the economic theories should not serve as a
- 21 stand-in for actual reliance. But if the Court were to
- 22 accept the continuing validity of the presumption in
- 23 some way, the law professors' position, which is also
- 24 our second question presented, at least makes Basic
- 25 consistent with its own premises. Because Basic's

- 1 premise is if a plaintiff buys at a price that is
- 2 distorted by the misrepresentation, he has relied upon
- 3 the misrepresentation. If we accept that as Basic's
- 4 premise, then it only makes sense to focus like a laser
- 5 on the only relevant question, whether the
- 6 misrepresentation distorted the market price.
- 7 JUSTICE KENNEDY: Am -- am I correct -- and
- 8 this would be more of a question for your friend
- 9 representing the Respondent. Am I correct that, even
- 10 under the -- the Basic framework, at the merits stage
- 11 there has to be something that looks very much like an
- 12 event study. Am I correct about that?
- 13 MR. STREETT: Yes. That's absolutely
- 14 correct, Your Honor.
- 15 JUSTICE KENNEDY: And so then the question
- 16 would be since you're going to have to have it anyway,
- 17 why not have it at the class certification stage.
- 18 MR. STREETT: Yes. And the Second Circuit
- 19 has correctly held that that must be proven at the class
- 20 certification stage because price impact is the glue
- 21 that holds common reliance together and the district
- 22 courts within that circuit have been very
- 23 successfully --
- 24 JUSTICE SOTOMAYOR: I don't see how this is
- 25 a midpoint. If you're going to require proof of price

- 1 impact, why not do away with market efficiency? The
- 2 whole premise of the other economic theory that you rely
- 3 on is that the market efficiency is irrelevant. Some
- 4 information impacts the market, whether efficient or
- 5 not, and some doesn't, whether efficient or not. I
- 6 think that's the basic economic argument the other
- 7 side's making, correct?
- 8 MR. STREETT: Yes, Your Honor.
- 9 JUSTICE SOTOMAYOR: So why bother with Basic
- 10 at all if we're going to do what you're suggesting --
- MR. STREETT: We agree --
- 12 JUSTICE SOTOMAYOR: -- turn the -- turn the
- 13 class certification into a full-blown merits hearing on
- whether loss causation has been proven?
- 15 MR. STREETT: It is not loss causation.
- 16 It's just whether the price was distorted at the time of
- 17 the misstatement and at the time the purchases were
- 18 made. Loss causation deals with the later price
- 19 declines after a corrective disclosure.
- 20 And we agree that it is a midpoint because
- 21 the question should be whether the market price was
- 22 distorted. We don't think looking at whether the market
- 23 is efficient as a whole, how many shares are trading,
- 24 how many analysts are following the stock is very
- 25 relevant or instructive. And, in fact, this would

- 1 remedy some of Basic's underinclusiveness and
- 2 overinclusiveness.
- 3 JUSTICE KENNEDY: Can you tell me, based on
- 4 your experience, compare the -- the cost, the extent of
- 5 time, the difficulty of showing under Basic the
- 6 efficient -- that there is an efficient market, and
- 7 compare and contrast that with undertaking an event
- 8 study. Is the latter much more costly, much more
- 9 time-consuming?
- 10 MR. STREETT: No, Your Honor. They're about
- 11 the same. And, in fact, plaintiffs are commonly using
- 12 event studies right now as part of their market
- 13 efficiency showing, because one of the factors courts
- 14 are requiring for market efficiency is showing a
- 15 reaction between price and unexpected corporate
- 16 information throughout the class period. So, in fact,
- 17 they're running these events studies for the entire
- 18 class period, where all our position would do is require
- 19 them to look at the alleged misrepresentations in the
- 20 case, that is to say what really matters, and look at
- 21 whether they distorted the market price as opposed to --
- 22 CHIEF JUSTICE ROBERTS: Well, how hard is it
- 23 to show that the New York Stock Exchange is an efficient
- 24 market?
- MR. STREETT: Well, the courts look at

- 1 several factors. Now, admittedly, virtually all of the
- 2 time, those lead to a finding of yes, but --
- 3 CHIEF JUSTICE ROBERTS: So I would think the
- 4 event study they are talking about would be a lot more
- 5 difficult and laborious to demonstrate than market
- 6 efficiency in a typical case.
- 7 MR. STREETT: Well, just to take this case
- 8 for an example, the plaintiff's expert used an event
- 9 study of all of the unexpected corporate news throughout
- 10 the entire class period to prove market efficiency
- 11 because courts have said that's one important factor to
- 12 show market efficiency. We would just focus the event
- 13 study like a laser on the only thing that matters, to
- 14 show whether or not the misrepresentation distorted the
- 15 market price.
- 16 JUSTICE BREYER: What happens if the -- if
- 17 the plaintiffs say, Your Honor, I have 5,000 people
- 18 here, all of whom bought the stock on the New York Stock
- 19 Exchange between March 15 and April 15, and as far as
- 20 people who had other kinds of reliance, we'll bring a
- 21 separate case about them later. But everybody in this
- 22 case bought on the New York Stock Exchange and our
- 23 theory of this case is that the stock exchange did
- 24 absorb the information and the price went up and then
- 25 went down.

- 1 Now, what -- what reason is there for
- 2 purposes of certification to go beyond the efficient
- 3 market? Is it good enough? I mean, why not? They all
- 4 bought on the exchange. It's not an irrelevancy.
- 5 Everybody would have to say it's certainly relevant to
- 6 the case and they all have the issue in common.
- 7 MR. STREETT: Yes --
- 8 JUSTICE BREYER: Why go into the event
- 9 study? Why?
- 10 MR. STREETT: Because even in a generically
- 11 efficient market in a binary sense, misrepresentations
- 12 may not distort the market price. As both lower courts
- 13 have --
- 14 JUSTICE BREYER: Of course that's true.
- 15 Indeed, that's the defense. The defense is, well, Your
- 16 Honor, here it didn't. And the plaintiffs say, you're
- 17 right; we think it did, but if he's right and it didn't,
- 18 he wins. But you have to concede if they're right, you
- 19 win.
- 20 So why is that -- I don't understand why
- 21 that is an appropriate issue. I can -- I don't
- 22 understand still. Maybe it's the same. Why is that an
- 23 appropriate issue at the certification stage?
- 24 MR. STREETT: For precisely the same reasons
- 25 that common issues of market efficiency and publicity

- 1 are essential at the class certification stage.
- 2 JUSTICE SCALIA: How many -- how many of
- 3 these cases -- what percentage of these cases continue
- 4 once there has been class certification? Do you have
- 5 any idea?
- 6 MR. STREETT: Very few. Once there's been
- 7 class --
- 8 JUSTICE SCALIA: Very few. Once you get the
- 9 class certified, the case is over, right?
- 10 MR. STREETT: Yes. And less than one-third
- of 1 percent actually go to a verdict.
- 12 JUSTICE BREYER: I -- I see that and I
- 13 understand that. But that still strikes me as a
- 14 different legal issue, and your answer is, well, we
- 15 decide other things at the class certification stage.
- 16 Now, I might put in parentheses: Which don't belong
- 17 there.
- 18 So if -- why are we deciding any of -- why,
- in other words? I still have my question, why?
- 20 MR. STREETT: Because if market efficiency
- 21 and publicity were not considered at the class
- 22 certification stage, then the plaintiff would just have
- 23 to plead an efficient market and would immediately go,
- 24 you know, to collect \$200 and pass go and get right to
- 25 class certification. That cannot be what Basic meant

- 1 when it said the presumption of reliance depends on
- 2 plaintiffs relying in common on a misrepresentation that
- 3 distorted the market price.
- 4 And I would just point out that the
- 5 government and the Fund have conceded that price impact
- 6 evidence can be considered at the class certification
- 7 stage.
- 8 JUSTICE ALITO: Can I ask you a question
- 9 about these event studies to which you referred? How
- 10 accurately can they distinguish between the effect of
- 11 the -- the effect on price of the facts contained in a
- 12 disclosure and an irrational reaction by the market, at
- 13 least temporarily, to the facts contained in the
- 14 disclosure?
- 15 MR. STREETT: Event studies are very
- 16 effective at making that sort of determination. In
- 17 fact, in this particular case, the expert testified that
- 18 she had done that sort of separation of effects before,
- 19 but she was not asked to do so in this case. And that's
- 20 at JA410 to 411. And the law professors and others have
- 21 explained in great detail how the event studies work.
- But in any event, that's a proper burden to
- 23 place on the plaintiff because they are the ones that
- 24 are invoking this powerful presumption to bypass the
- 25 requirement of common actual reliance. They are the

- 1 ones who should have to show that it's the
- 2 misrepresentation that distorted the market price and
- 3 not some other irrational reaction.
- 4 But I wanted to mention that at page 26 of
- 5 the government's brief and page 53 of the Fund's brief,
- 6 they concede that price impact evidence should come in
- 7 at class certification, but they want to make it only
- 8 one factor in determining whether the markets were
- 9 efficient. Well, why would you spend all of your time
- 10 looking at market efficiency and looking at price impact
- 11 as only one factor, instead of looking at the thing that
- 12 actually matters, whether the price was distorted.
- 13 And if I could reserve the balance of my
- 14 time, Mr. Chief Justice.
- 15 CHIEF JUSTICE ROBERTS: Thank you, counsel.
- 16 Mr. Boies.
- 17 ORAL ARGUMENT OF DAVID BOIES
- 18 ON BEHALF OF THE RESPONDENT
- 19 MR. BOIES: Mr. Chief Justice, and may it
- 20 please the Court:
- I want to begin by emphasizing, as this
- 22 Court did in Basic, that the premise of the Basic
- 23 decision was not economic theory; it was commerce. This
- 24 Court said the premise was Congress's premise. And I
- 25 think that when this Court decided the Amgen case, it

- 1 said that the fraud-on-the-market presumption was a
- 2 substantive doctrine of Federal securities law.
- 3 This is something that has been embedded in
- 4 the law. It has been ratified by Congress in the PSLRA
- 5 and in SLUSA. It is something that Congress has
- 6 legislated assuming that this was the law.
- 7 For example, in SLUSA, what Congress did, as
- 8 this Court is aware of from last month's decision, is
- 9 that it moved securities class actions out of State
- 10 courts and into Federal courts. It said you can't bring
- 11 class actions under State law.
- 12 JUSTICE ALITO: What do you make of
- 13 Section -- what do you make of Section 203 of the PSLRA,
- 14 which says that "Nothing in this Act or the amendments
- 15 made by this Act shall be deemed to create or ratify any
- 16 implied private right of action"? Do you think that was
- 17 a ratification of Basic?
- 18 MR. BOIES: Well, Your Honor, what this
- 19 Court said in Amgen afterwards is that what the -- what
- 20 Congress did was it did ratify the private cause of
- 21 action. And whether that was right or wrong, that is
- 22 what this Court held in Amgen just a year or so ago.
- 23 JUSTICE SCALIA: Did we refer to Section
- 24 203 --
- MR. BOIES: You did not.

- 1 JUSTICE SCALIA: -- in connection with that
- 2 dictum?
- 3 MR. BOIES: I do not -- I do not believe
- 4 that you did, Your Honor.
- 5 JUSTICE SCALIA: I think maybe we didn't
- 6 know about it, as the parties here seemingly did not
- 7 know about it. I don't think it was cited in the
- 8 briefs.
- 9 MR. BOIES: But whether or not you conclude
- 10 that that was ratified or not, Your Honor, I think
- 11 what -- what you must conclude is that when Congress
- 12 acted both with respect to the PSLRA and even more so
- 13 with respect to SLUSA, it acted on the assumption that
- 14 they were legislating on the backdrop of the
- 15 fraud-on-the-market theory. The SLUSA -- the SLUSA
- 16 decision -- the SLUSA legislation makes no sense without
- 17 the fraud on the market.
- 18 JUSTICE SCALIA: Of course. But -- but to
- 19 act on the assumption that the courts are going to do
- 20 what they've been doing is quite different from
- 21 approving what the courts have been doing. As I
- 22 understand the history of these things, there was one
- 23 side that wanted to overrule Basic and the other side
- that wanted to endorse Basic, and they did neither one.
- 25 They simply enacted a law that assumed that the courts

- 1 were going to continue Basic. I don't see that that
- 2 is -- is necessarily a ratification of it. It's just an
- 3 acknowledgment of reality.
- 4 MR. BOIES: I think, obviously, the Court
- 5 will decide. But I think that when you look at what
- 6 Congress has done, and they have legislated based on the
- 7 assumption of what the law is and they have made a
- 8 decision that, as I think the Court recognizes, would
- 9 never have been made in SLUSA if -- if they did not --
- 10 if Congress did not believe that the fraud-on-the-market
- 11 theory existed.
- 12 JUSTICE SOTOMAYOR: Mr. Boies, I don't know
- 13 that I fully understood your point in your brief as to
- 14 why proving price impact was so difficult. Is it equal
- 15 to proving market efficiency? Is it less burdensome,
- 16 more burdensome? Why can't it be done at the class
- 17 certification stage?
- 18 MR. BOIES: Sure.
- 19 JUSTICE SOTOMAYOR: And the question I asked
- 20 your adversary: If we believe price impact is
- 21 necessary, why keep Basic if we're going to put it in a
- 22 class certification?
- 23 MR. BOIES: Let me answer in the context of
- 24 this particular case. In this particular case,
- 25 Halliburton repeatedly said to analysts that their

- 1 insurance and other reserves were adequate to cover any
- 2 asbestos exposure. Those assertions proved to be not
- 3 accurate. The day that it was clear that they were not
- 4 accurate, December 7, 2001, the stock price dropped
- 5 42 percent. There were no confounding factors. Their
- 6 expert says December 7th was all about asbestos.
- 7 Now, we have a dispute as to what their --
- 8 their news that was revealed on December 7th was
- 9 expected or unexpected. They said it was unexpected.
- 10 They were caught unaware. We said they knew it all the
- 11 time and we've got some documents that indicate that.
- 12 But whether we are right or they are right, that is
- 13 clearly a merits decision. That's clearly not a class
- 14 certification issue.
- 15 JUSTICE KENNEDY: But why -- why couldn't
- 16 that same showing be made under the law professors'
- 17 theory of an event study at the certification stage?
- 18 MR. BOIES: You could, Your Honor, and with
- 19 respect to December 7th, I think that would not be so
- 20 difficult. But there are nine dates, and with respect
- 21 to five of those nine dates when there was news
- 22 revealed, they claim confounding factors.
- 23 So what you have to do is you have to
- 24 separate out the confounding factors, the allegedly
- 25 confounding factors, with respect to each one of those

- dates, and you've got to do a detailed event study. And
- 2 in addition --
- 3 JUSTICE KENNEDY: For each -- for each one
- 4 of -- of --
- 5 MR. BOIES: For each -- for each day --
- 6 JUSTICE KENNEDY: Oh, each day.
- 7 MR. BOIES: -- you've got to look at what
- 8 the confounding factors are and you have to try to
- 9 separate them. That's very complicated. It takes a lot
- 10 of time. It's very expensive. It's a lot of expert
- 11 testimony. It is why these things, for example, at the
- 12 summary judgment stage, are very complicated.
- Now, an event study that demonstrates the
- 14 efficiency of the market is far simpler. Halliburton
- 15 conceded the efficiency of this market. This is not a
- 16 case in which there is any doubt about the efficiency of
- 17 the market. Halliburton has repeatedly conceded the
- 18 efficiency of this market.
- 19 And I think that when you are trying to
- 20 prove market efficiency, all you have to do is
- 21 demonstrate that the basic premise that generally
- 22 markets take into account -- well-developed markets take
- 23 into account publicly available news, and you can do
- 24 that relatively simply. Trying to separate out all of
- 25 the factors that you need to separate out in order to

- 1 determine whether a culpable misrepresentation was the
- 2 cause of a price change and how much of that price
- 3 change was due to that culpable information is very
- 4 complicated.
- 5 JUSTICE KENNEDY: But even if Basic did not
- 6 rely on economic theory, and there is a dispute on
- 7 that -- I think the opinion is not quite clear on that
- 8 one way or the other -- if later economic theories show
- 9 that the market doesn't react in the way Basic assumed
- 10 it automatically did, then certainly Congress would not
- 11 wish to foreclose the Court from considering that new
- 12 evidence if it was a strong, clear and convincing, et
- 13 cetera.
- 14 MR. BOIES: Well, first -- first, Your
- 15 Honor, I would -- I'd say three things about that.
- 16 First, I would say that Basic's premise is not an
- 17 economic theory. It's not a premise of economic theory.
- 18 It is a premise of Congress. That's what Basic held,
- 19 and I think correctly held, that the -- the whole
- 20 premise of the securities laws is that when you make
- 21 fraudulent misrepresentations, you make them public, it
- 22 affects the market price.
- The second thing is there hasn't been
- 24 anything that has changed since Basic that makes Basic
- 25 less applicable.

1	JUSTICE ALITO: But, Mr. Boies, to say that
2	false representation affects the market price is quite
3	different from saying that it affects the market price
4	almost immediately, and it's hard to see how the Basic
5	theory can be sustained unless it does affect the market
6	price almost immediately in what Basic described as an
7	efficient market. Isn't that true? Why should someone
8	who purchased the stock on the day, shortly, you know,
9	an hour or two after the disclosure, be entitled to
10	recovery if in that particular market there is some lag
11	time in incorporating the new information?
12	MR. BOIES: I think I think Your Honor is
13	right that if there is lag time in a particular market,
14	somebody who has purchased immediately after the
15	misrepresentation would not be entitled to recover.
16	However, in this case and in most cases that isn't an
17	issue, because in most cases what the class-action
18	period is, is something that gives all of the

21 So it is theoretically possible that you

19

20

market.

- 22 could have a market where there is a lag time.
- 23 Although, I will say that since Basic was decided that

misrepresentations full-time to permeate into the

- 24 lag time has gotten shorter and shorter. Whatever --
- 25 whatever the truth is about how efficient markets were,

- 1 they are massively more efficient today than they were
- 2 in 1988. In 1988, people were still sitting home
- 3 reading Barron's to try to figure out what was happening
- 4 in the stock market. Today you have realtime
- 5 information. You have all sorts of ways of
- 6 communicating information. People -- people strive to
- 7 be able to trade in a second faster --
- 8 JUSTICE KENNEDY: But the Petitioners say
- 9 that this has produced a whole new genre of investors
- 10 that are quite different from the fellow that's sitting
- 11 at home reading the Wall Street Journal.
- MR. BOIES: But all of those --
- 13 JUSTICE KENNEDY: And your theory doesn't
- 14 seem to take that into account.
- 15 MR. BOIES: It does, Your Honor, because all
- of those people rely on the integrity of the market.
- 17 They talk about these high-frequency traders that trade
- 18 in and out. Well, if they trade in and out during a
- 19 day, most of them will not be affected by this because
- 20 they will have gone in and come out with the
- 21 misrepresentation intact. It's only when somebody buys
- 22 when the price is inflated or artificially depressed and
- 23 then sells after the corrected disclosure that there is
- 24 damage. These people are all buying and selling based
- on the integrity of the market price. In fact, when you

- 1 talk about these trading programs, those trading
- 2 programs, even more than the Barron's reader at home, is
- 3 relying on the integrity of the market price because
- 4 that's all they have to rely on.
- 5 If you think about it, if you went to one of
- 6 these people with these trading programs and said,
- 7 you're going to trade on this stock, would you trade on
- 8 the stock if you knew that it was artificially inflated,
- 9 of course they wouldn't. Everybody who buys assumes
- 10 that that market price is -- is fraud-free. And --
- JUSTICE KENNEDY: Well, you're saying that
- 12 the events -- that the law professors' event study
- 13 theory is flawed, then?
- 14 MR. BOIES: No. You can have event studies,
- 15 and one of the things that an event study does is it
- 16 attempts to determine whether or not a particular price
- 17 movement was related to a particular piece of
- 18 information. That will tell you whether that price
- 19 movement is related to something that is culpable or not
- 20 culpable.
- 21 JUSTICE ALITO: I didn't understand what you
- 22 just said. Are you saying there are not categories of
- 23 investors who might say to themselves, You know what?
- 24 There is a possibility that the price of this stock on
- 25 this particular day might be artificially inflated by

- 1 some statement that was made in the past that isn't
- 2 true, but I'm going to buy it anyway because I still
- 3 think it's either -- it's undervalued or because there
- 4 are some other statistics regarding the market that tell
- 5 me that this price is going to go up.
- 6 You tell me that there are -- there are not
- 7 large categories of investors who think that way?
- 8 MR. BOIES: I think there are not large
- 9 categories of investors that think that way, and I think
- 10 there is absolutely no empirical evidence at all that
- 11 there are large categories of investors that think that
- 12 way.
- 13 Could there be somebody who says, I know
- 14 this is fraudulent, but I think I can buy; I know it's
- 15 in -- I know it's artificially inflated, but I think I
- 16 can buy and ride it up and I can get out before the
- 17 market knows that there is an artificial inflation.
- 18 There might be somebody like that, and that's why Basic
- 19 provides for a rebuttable presumption. You can --
- 20 JUSTICE GINSBURG: May I ask you about the
- 21 rebuttable presumption, Mr. Boies? You agree that the
- 22 Basic is a presumption and that it can be rebutted, but
- 23 you say that's a question for the merits.
- 24 What difference does it make at what stage
- 25 the rebuttal is allowed? What practical difference does

- 1 it make if the inquiry is made at the certification
- 2 stage rather than the merits stage?
- 3 MR. BOIES: I think it makes -- it makes two
- 4 differences, Your Honor. One is it would inevitably put
- 5 off the class certification stage because now you would
- 6 have to have a discovery on issues that are ordinarily
- 7 considered to be merits issues. The way an action now
- 8 works is that you will have just very limited class
- 9 certification discovery and you won't get to the full
- 10 merits discovery until you get past class certification.
- Now, a lot of cases fail class
- 12 certification. The idea that the class certification is
- 13 not a -- a important step is simply wrong. A lot of
- 14 cases fail class certification.
- But once you have passed class
- 16 certification, now you go into merits discovery. If you
- 17 were going to decide these issues that are ordinarily
- 18 today decided at the merits stage, you would have to
- 19 delay class certification until you'd had that merits
- 20 discovery.
- 21 CHIEF JUSTICE ROBERTS: You don't dispute --
- 22 I'm sorry -- you don't dispute though, that you usually
- 23 don't get to the merits stage once the classes have been
- 24 certified, do you?
- 25 MR. BOIES: That -- that is true, Your

- 1 Honor, but a lot of that is because there are summary
- 2 judgment motions. Remember, you have -- you have three
- 3 merit stages already: A pleading stage, which under the
- 4 PSLRA, under this Court's decision in Dura, is a real
- 5 obstacle; second, you have summary judgment; and then
- 6 third, you have the trial. More than half of all
- 7 securities class actions, summary judgment is granted in
- 8 whole or in part, 37 percent wholly, another 25 percent
- 9 in part. So the summary judgments --
- 10 CHIEF JUSTICE ROBERTS: Where -- where is
- 11 certification in that timeline?
- 12 MR. BOIES: It goes -- it goes both ways.
- 13 Generally, you have summary judgment after class
- 14 certification.
- 15 CHIEF JUSTICE ROBERTS: Right.
- 16 MR. BOIES: You could have summary judgment
- 17 at the class certification stage. I mean, for example,
- 18 if you wanted to move in a particular case, if you
- 19 wanted to move price impact or materiality or any issue
- 20 into an earlier time frame, there's nothing that
- 21 prevents a defendant from making a motion for summary
- 22 judgment on that issue. And, in fact, if -- if there's
- 23 any doubt about that, this Court could easily clarify
- that. That would allow you to have class certification
- 25 in a temporal way at the same time that you were dealing

- 1 with the merits.
- 2 But -- but the issue on the merits is that
- 3 if you don't have a discovery, you can't decide these
- 4 issues, obviously. And second, the cost and expense at
- 5 the class action certification stage and the time delay
- 6 would increase enormously, because now you would have to
- 7 have these detailed event studies not just to prove
- 8 efficiency of the market -- which was conceded here, and
- 9 if it hadn't been conceded, we could have demonstrated
- 10 it -- you also have to show what the impact was of the
- 11 particular culp -- allegedly culpable misrepresentation
- 12 and disclosure.
- 13 And, for example, in -- in the -- in the
- 14 case that -- that we have here, with respect to eight of
- 15 the nine disclosure dates, we would -- we would have a
- 16 detailed disagreement and detailed expert reports and
- 17 expert testimony that would go to what was the price
- 18 impact, what was the damage in this particular case.
- 19 JUSTICE SCALIA: Mr. Boies, you've said
- 20 that -- that a lot of class certification motions are
- 21 denied. I had thought that your friend said that that
- 22 is very rare except in the Second Circuit.
- MR. BOIES: Well --
- 24 JUSTICE SCALIA: Did I hear that wrong,
- 25 or --

1 MR. BOIES: -- I mostly --2 JUSTICE SCALIA: -- is he wrong? MR. BOIES: Well, I think he's wrong. My 3 4 personal experience is mostly with the Second Circuit in 5 cases like the Deutsche Bank case. But the Deutsche 6 Bank case did not relate to rebutting on the basis 7 of price impact. In the Deutsche Bank case, Judge Forest held that there was not an efficient market. 8 9 JUSTICE KENNEDY: Well, my question along the same lines is: If the misrepresentation is 10 11 established, from that category of cases, are there many 12 that are still not certified? Because that would be 13 inconsistent with your whole theory that the market is almost always efficient. 14 MR. BOIES: Well, you know, we don't argue 15 that the market is -- is always efficient, Your Honor. 16 17 There is a lot of litigation about whether particular 18 markets are efficient, less so with respect to New York Stock Exchange markets, more with respect to NASDAQ and 19 20 other markets, but there is a lot of litigation as to 21 whether particular markets are or are not efficient. 22 And, indeed, we went to the expense in this 23 particular case of doing an event study because we were 24 concerned that they would challenge the efficiency of 25 the market. They didn't, but because they could and

- 1 because that was a normal kind of thing for a defendant
- 2 to do --
- 3 JUSTICE SOTOMAYOR: I thought --
- 4 MR. BOIES: -- we did that.
- 5 JUSTICE SOTOMAYOR: I thought there were two
- 6 questions, and I don't know that you've really answered
- 7 the two. I thought your colleague was talking about
- 8 less than 1 percent, whatever the figure was, is of
- 9 cases that were certified as classes, how many go to
- 10 trial. You said something different, which is that not
- 11 every class is certified.
- 12 Do you have a percentage for the amount --
- 13 the number -- for that number?
- 14 MR. BOIES: I don't have -- I don't have a
- 15 percentage of the classes that are not certified, Your
- 16 Honor. But Your Honor is completely correct, that what
- 17 he was talking about was the number of these cases that
- 18 actually go to trial. As I say, more than half of them,
- 19 a summary judgment is granted in whole or in part. A
- 20 very large number of them are now wiped out at the
- 21 pleading stage as well. So the idea that there are not
- 22 significant merits filters that prevent cases from going
- 23 to trial is simply wrong, both at the pleading stage and
- 24 at the summary judgment stage.
- 25 And the question really is: Are you going

- 1 to have a fourth --
- 2 JUSTICE SOTOMAYOR: Do you know any article
- 3 that talks about that -- those numbers?
- 4 MR. BOIES: I -- I don't, Your Honor. I
- 5 apologize.
- 6 JUSTICE SCALIA: Mr. Boise, you and I both
- 7 agree that the PSLRA assumes Basic. Now, we differ on,
- 8 you know, what that means, but it does assume it.
- 9 What -- and -- and so those previsions would -- would
- 10 sort of be useless if Basic were entirely overruled.
- 11 What if we adopted the professors' -- what,
- 12 Basic writ small, if -- if we adopted their approach,
- 13 would those provisions of the PSLRA still be effective?
- 14 MR. BOIES: I think -- I think the
- 15 provisions of the PSLRA would still be effective, Your
- 16 Honor. I think with respect to SLUSA, it's a somewhat
- 17 different issue. I think that -- I think if you -- if
- 18 you adopted those -- those provisions with respect to
- 19 what's proposed, the PSLRA still would make sense, but I
- 20 don't think SLUSA would.
- 21 JUSTICE SCALIA: All right.
- 22 CHIEF JUSTICE ROBERTS: Thank you, counsel.
- MR. BOIES: Thank you.
- 24 CHIEF JUSTICE ROBERTS: Mr. Stewart.
- ORAL ARGUMENT OF MALCOLM L. STEWART

1	ON BEHALF OF UNITED STATES
2	AS AMICUS CURIAE, SUPPORTING RESPONDENT
3	MR. STEWART: Mr. Chief Justice, and may it
4	please the Court:
5	I'd like to begin by addressing two of the
6	respects in which the Petitioners' counsel argued that
7	circumstances have changed since this Court's decision
8	in Basic. And the first one of these was that
9	investors have adopted new strategies that, in his view,
LO	don't rely on the integrity of the market price. And I
L1	think it's certainly true that investors have devised a
L2	wide array of strategies in an effort to beat the
L3	market, but it's hard to imagine one that would render
L 4	irrelevant evidence that the market price had been
L5	distorted by fraud.
L 6	For example, a particular investor might
L7	think there are particular types of information that the
L8	market doesn't react to quickly enough, and if I'm
L 9	following that information in realtime and I can trade
20	before the market catches on, then I can make money; I
21	can buy low and sell high. Now, that strategy is
22	certainly going to be undermined if there is other
23	information bearing on the market price, the falsity of
24	which that investor is not aware of that caused the
25	market price to be inflated.

Т	Now, I'd would agree with you, Justice
2	Alito, that in theory, there could be an investor who
3	says in a particular circumstance, I think the gain that
4	I can make by taking advantage of the new information to
5	which the market price has not yet reacted will more
6	than counterbalance the loss I will suffer when the
7	truth about the unrelated information comes to light.
8	That could happen, but even for an investor of that
9	sort, the distortion wouldn't be irrelevant. It would
LO	just be a factor that could be counteractive.
L1	And the other thing I would say about the
L2	efficiency of the market is that even an investor who is
L3	attempting to make money by being the first to take
L 4	advantage of new information is relying, in essence, on
L5	the ultimate ability and tendency of the market to
L 6	incorporate the information; that is, an investor who
L7	thinks that a stock is currently undervalued based on
L8	the information he has presumably thinks that in time,
L9	the the stock will no longer be undervalued, the
20	market will come to appreciate the significance of the
21	new information. That would be the basis for his
22	anticipating that the stock price will rise. And so
23	even that strategy is dependent in a fundamental way on
24	the propensity of new information to to change the
> 5	market price

1	The second thing I wanted to respond to was
2	Petitioners' assertion that Basic is out of keeping with
3	this Court's more recent decisions regarding the
4	requirements of Rule 23. And I think that in fact, with
5	at least with respect to the interaction between the
6	merits and Rule 23, the court in Basic did precisely
7	what this Court's decisions in Wal-Mart and Comcast tell
8	courts they ought to do; that is, the Court in Basic was
9	ruling on an appeal from a class certification decision,
10	and it was confronted with two competing visions of what
11	the reliance requirement of the Section 10(b) action
12	should comprise.
13	One of them was the defendant's view that to
14	establish reliance, a plaintiff had to show that he or
15	she actually read the relevant disclosure and took it
16	into account in making a trading decision. The other
17	vision of reliance was the fraud-on-the-market
18	presumption that the the court ultimately adopted.
19	And the court in Basic recognized that it had to decide
20	this merits question at the class certification stage

22 whether the reliance element was susceptible of common

because the answer to that question would control

23 proof.

21

- 24 CHIEF JUSTICE ROBERTS: Counsel?
- 25 MR. STEWART: If the -- I'm sorry.

- 1 CHIEF JUSTICE ROBERTS: Sorry to interrupt
- 2 your train of thought, but were the feasibility and
- 3 prevalence of event studies something that was around
- 4 when Basic was decided?
- 5 MR. STEWART: I don't know exactly what
- 6 mode. I believe that event studies in some form were
- 7 used to establish both the efficiency of the market and
- 8 the potential impact of the misstatement on the price.
- 9 I don't know the extent to which their sophistication
- 10 matched the sophistication of event studies today. I
- 11 would tend to assume that they were much less
- 12 sophisticated than they are now.
- 13 JUSTICE ALITO: Could you explain how the
- 14 requirement that Basic imposed of proving publicity at
- 15 the certification stage is consistent with the Court's
- 16 theory in Amgen?
- 17 MR. STEWART: I think the -- the theory in
- 18 Amgen is that in order to decide whether something has
- 19 to be proved at the class certification stage, you ask
- 20 first, is it susceptible of common proof; and second, if
- 21 the class is certified and the -- the statement or the
- 22 fact is ultimately disproved down the road, is the
- 23 effect going to be that the class splinters or that all
- 24 plaintiffs lose in common? And the Court's theory in
- 25 Amgen, the rationale for saying that publicity had to be

- 1 proved at the class certification stage, was that if it
- 2 were proved down the road that the statement was not
- 3 made publicly, some plaintiffs might still have good
- 4 claims because they would have heard and relied upon the
- 5 information even though it wasn't communicated to the
- 6 public, and therefore the effect of disproof of
- 7 publicity would not be to cause all class members to
- 8 lose, it would be to cause the class to splinter.
- 9 JUSTICE ALITO: Do you think that's a
- 10 realistic -- that that is something that's likely to
- 11 happen in other than extremely rare cases?
- 12 MR. STEWART: Well, there -- there are
- 13 certainly plenty of securities fraud cases over the
- 14 years that involved private misrepresentations made
- one-on-one by a broker, a salesperson, et cetera. I
- 16 take your point that in terms of practical significance
- 17 it is the case that the recoveries in the large class
- 18 actions dwarf the ones in individual suits.
- 19 JUSTICE BREYER: Yes, that's -- that's
- 20 what's nagging at me that I don't fully understand. It
- 21 may be elementary, but if we had a case where all the
- 22 plaintiffs had, in fact, and every one in the class had
- 23 bought on the New York Stock Exchange at such and such a
- 24 period, then I guess in principle neither would be
- 25 appropriate for the classification stage --

- 1 certification stage.
- 2 MR. STEWART: I'm sorry?
- 3 JUSTICE BREYER: Neither would be
- 4 appropriate for the certification stage. You wouldn't
- 5 have to prove efficient markets; all you would have to
- 6 do is allege them; because, after all, if they do exist
- 7 then the reliance element is proved subject to rebuttal;
- 8 and if the rebuttal wins, it's not. And that's not a
- 9 question if it's all in common, it's all in common.
- 10 That's -- that's the conceptual point I haven't quite
- 11 understood.
- MR. STEWART: Well, at least to the
- 13 efficiency of the market, it wouldn't -- it wouldn't be
- 14 the case that disproof of efficiency would defeat the
- 15 claim of every class member.
- 16 JUSTICE BREYER: Why not?
- 17 MR. STEWART: Because a particular class
- 18 member, even without showing an efficient market, could
- 19 show that he or she personally --
- 20 JUSTICE BREYER: If we had a class, they all
- 21 conceded that they bought it on the market at the same
- 22 time, had no information, then it would go to the later
- 23 stage?
- 24 MR. STEWART: If the class were defined in
- 25 that manner, as people who had no such information, then

- 1 -- then the class wouldn't splinter.
- 2 JUSTICE KAGAN: Mr. Stewart, can I just --
- 3 can I ask a more general question? You're representing
- 4 the SEC here, the principal regulators of the securities
- 5 markets and the securities industry. So if -- I guess
- 6 it's a two-part question. If Basic were overruled, what
- 7 is -- what is the view as to what -- how that would
- 8 affect the securities industry and how it would affect
- 9 individual decision making with respect to securities?
- 10 And same question for, if the law professors' position
- 11 was adopted.
- MR. STEWART: Well, let me take the first
- 13 part first, because I think in part it illustrates an
- 14 important aspect of this case that tends to get lost.
- 15 We are arguing about this as though it's procedure, but
- 16 really what is fundamentally at issue is what is the
- 17 class of, what is the category of investors who would
- 18 have a potentially valid Section 10(b)(5) action. That
- is, the Petitioners' view is the only people who could
- 20 be proper plaintiffs in a Section -- in a private
- 21 Section 10(b) suit, whether a class action or an
- 22 individual action, are people who personally read,
- 23 reviewed, subjectively took account of the false
- 24 information.
- 25 And the view on the other side, the view

- 1 under -- under Basic, is that any person who bought
- 2 stock at the inflated price on the market, a price
- 3 inflated by fraud, and subsequently lost money as a
- 4 result when the truth was made known, any such person
- 5 would have a remedy; and if Basic were overruled, if
- 6 people were told, if you buy without doing this sort of
- 7 research into primary sources, you will have no
- 8 potential recovery at the end of the day, I don't know
- 9 that the SEC has a defined view about exactly what the
- 10 consequences would be, but certainly the consequences
- 11 are potentially dramatic.
- 12 You have an amicus brief filed by
- institutional investors, many of whom rely on indexing
- 14 strategies, and they try to save management fees by not
- doing all the research into the primary sources, by
- 16 allowing the market to do most of the work, and then
- 17 buying stocks that are broadly representative of the
- 18 market. And they've at least --
- 19 JUSTICE SCALIA: If the -- if the SEC brings
- 20 a fraud action, can it -- can it rely on the -- on the
- 21 market theory, fraud-on-the-market theory?
- MR. STEWART: Well, the SEC would have no --
- 23 wouldn't and would have no need to do so, because
- 24 reliance wouldn't be an element of the SEC's cause of
- 25 action. The SEC would have to establish that there was

- 1 a violation, but it wouldn't have to establish that it
- 2 or any individual investor relied; and so the
- 3 institutional investors at least have represented to the
- 4 Court that their investment strategies will need to
- 5 change if they have to choose between saving money by
- 6 relying on indexing strategies and having available
- 7 potential avenues for recovery if it turns out --
- 8 JUSTICE KENNEDY: Can you get to part two of
- 9 Justice Kagan's question, which is what is your view of
- 10 the -- of the consequences if we adopt the law
- 11 professors' view?
- 12 MR. STEWART: I understand the law
- 13 professors, that there were a few law professors'
- 14 briefs. And I understand the one you're referring to to
- 15 be the one that basically advocated a shift away from
- 16 analyzing the general efficiency of the market and
- 17 focusing only on the effect or lack of effect on the --
- 18 the particular stock. I don't think that the
- 19 consequences would be nearly so dramatic. In fact if
- 20 anything, that would be a net gain to plaintiffs,
- 21 because plaintiffs already have to prove price impact at
- 22 the end of the day.
- 23 CHIEF JUSTICE ROBERTS: Thank you, counsel.
- Mr. Streett, you have 5 minutes remaining.
- 25 REBUTTAL ARGUMENT OF AARON M. STREETT

1	OM	REHALF	\bigcirc F	THE	PETITIONERS
_	OIA		\circ		

- 2 MR. STREETT: Thank you. I'd like to start
- 3 with one statistical matter that was -- that was raised
- 4 by Justice Sotomayor. The most recent studies by NERA
- 5 and Stanford show that 75 percent of class certification
- 6 motions are granted in securities cases; and that number
- 7 is much, much higher with respect to New York Stock
- 8 Exchange companies that essentially have no way to
- 9 dispute market efficiency.
- Now, I want to turn to the argument that --
- 11 that Basic --
- 12 JUSTICE GINSBURG: How many of those drop
- 13 out at the summary judgment stage?
- 14 MR. STREETT: Only 7 percent even make it to
- 15 the summary judgment stage, Your Honor. So out of
- 16 those, I think Mr. Boies is correct that maybe half are
- 17 granted and half are denied. But only 7 percent even
- 18 make it to that stage, because once the case gets passed
- 19 class certification, as this Court has recognized time
- 20 and again, there is an in terrorem effect that requires
- 21 defendants to settle even meritless claims.
- 22 Basic did not look to what Congress
- 23 intended. Congress did not even have a private cause of
- 24 action in Section 10(b), and the most analogous cause of
- 25 action for somebody who purchased in the aftermarket

- 1 context required a showing of actual reliance. So the
- 2 idea that this was somehow based on interpreting the
- 3 statute is nonsensical.
- 4 JUSTICE GINSBURG: Whatever it might have
- 5 been at the beginning, given the most recent
- 6 legislation, Congress took a look at the 10(b)(5) action
- 7 and it made a lot of changes. It made pleading
- 8 requirements. It's difficult to say that this --
- 9 Congress would have legislated all these constraints if
- 10 it thought there was no action to begin with.
- 11 MR. STREETT: The PSLRA includes securities
- 12 actions under both the 1993 and 1934 Act. It's not just
- 13 limited to 10(b)(5). So to Justice Scalia's point,
- 14 there is actually not a single provision of the PSLRA
- 15 that would be rendered inoperable.
- 16 Congress did take a look at it, Your Honor,
- 17 that's absolutely correct. It shows it thought about
- 18 embracing Basic and it thought about overruling Basic;
- 19 and it chose to do neither. When Congress wanted to
- 20 codify one of the judicially created elements of the
- 21 10(b)(5) cause of action, it did so expressly.
- 22 JUSTICE BREYER: What is to prevent now a
- 23 defendant from going in after the efficient market is
- 24 shown, and saying, well, we have our event study; and
- 25 our event study shows that this particular piece of

- 1 information had no impact, and therefore they are not
- 2 going to be able to prove reliance by just relying upon
- 3 efficient markets; and therefore don't certify the
- 4 class. Why couldn't you do that right now under Basic?
- 5 MR. STREETT: That is what we are asking
- 6 this Court to hold under our --
- 7 JUSTICE BREYER: Well, is there anything --
- 8 is there any court that said, no, you can't do that; we
- 9 forbid you even though it says in Basic that you're
- 10 allowed to rebut?
- 11 MR. STREETT: Yes, Your Honor, that's
- 12 precisely what the Fifth Circuit held in this case,
- 13 relying on Amgen to prohibit us from putting on our own
- 14 price impact evidence; and it acknowledged that there
- 15 was no price impact in this case. But it said: We have
- 16 to turn a blind eye to that fact.
- 17 And to Justice Breyer's point, I think
- 18 Justice Breyer is exactly correct, that market
- 19 efficiency, publicity and price impact are all in
- 20 precisely the same boat. They are all common issues,
- 21 and if one of those is missing, you do not have loss
- 22 causation if the class is limited to the exchange.
- 23 But I don't think this Court should do away
- 24 with market efficiency, publicity, and I think it should
- 25 allow price impact at the class certification stage.

- 1 Otherwise the fraud-on-the-market presumption is reduced
- 2 to a pleading requirement, not -- not something that
- 3 must be established at the class certification stage, as
- 4 Wal-Mart requires.
- 5 JUSTICE SOTOMAYOR: So your preference would
- 6 be to make the plaintiff bear the burden or just for
- 7 defendants to be able to rebut the price impact --
- 8 MR. STREETT: It would be most consistent
- 9 with Rule --
- 10 JUSTICE SOTOMAYOR: -- at a class
- 11 certification?
- 12 MR. STREETT: It -- it would be most
- 13 consistent with Rule 23 to place that burden on the
- 14 plaintiff because it's the plaintiff's duty to show that
- 15 common issues of reliance predominate. And the way the
- 16 plaintiff gets there is by showing that the plaintiffs
- 17 relied on, in common, on the misrepresentation at the
- 18 time it distorted the market price.
- 19 Congress recognized that the presumption was
- 20 created by this Court essentially sitting as a common
- 21 law court. Congress chose to remain silent, which
- leaves the issue with this Court, where it began, to
- 23 consider under traditional principles of stare decisis,
- 24 in light of intervening developments, whether it should
- 25 be overruled.

1	The and it should be overruled for one
2	additional reason that we haven't gotten to this
3	morning, which is that the Basic-generated regime of
4	class actions is harming the very investors that it's
5	supposed to help. It is the small investors and the
6	shareholders that are paying these judgments out of
7	their own pocket, often to other shareholders, with a
8	huge cut for both sides' lawyers and insurance costs.
9	The Basic regime of class actions is a huge
10	net loss for shareholder wealth. And it's frequently
11	the small investors who bought before the class period
12	and held all the way through who are paying the judgment
13	because they hold at the time of the settlement, whereas
14	it's the large institutional frequency traders who
15	bought and sold many times during the class period that
16	are getting the money but are not having to pay any
17	because they don't hold at the end of the class period.
18	CHIEF JUSTICE ROBERTS: Thank you, counsel.
19	The case is submitted.
20	(Whereupon, at 11:18 a.m., the case in the
21	above-entitled matter was submitted.)
22	
23	
24	
25	

	1 24 11 21 1	1	45 11	55.0
A	admittedly 21:1	announcement	45:11	55:9
aaron 1:17 2:3,13	adopt 50:10	13:22	assumed 27:25	basically 50:15
3:7 50:25	adopted 41:11,12	answer 17:16 23:14	31:9	basicgenerated
ability 16:13 43:15	41:18 42:9 44:18	28:23 44:21	assumes 34:9 41:7	55:3
able 33:7 53:2 54:7	48:11	answered 40:6	assuming 26:6	basics 3:17 16:25
aboveentitled 1:13	advantage 43:4,14	anticipating 43:22	assumption 27:13	17:25 18:3 20:1
55:21	adversary 28:20	anymore 6:23 7:6	27:19 28:7	31:16
absolutely 15:10	advocated 50:15	anyway 18:16 35:2	attempting 43:13	basis 39:6 43:21
18:13 35:10 52:17	affect 32:5 48:8,8	apologize 41:5	attempts 34:16	bear 54:6
absorb 21:24	aftermarket 51:25	appeal 44:9	automatic 17:1	bearing 42:23
accept 4:20 17:22	ago 26:22	appearances 1:16	automatically	beat 42:12
18:3	agree 19:11,20	applicable 31:25	31:10	bedrock 3:14
account 30:22,23	35:21 41:7 43:1	appreciate 43:20	available 30:23	began 54:22
33:14 44:16 48:23	agreeing 7:13	approach 5:21 7:18	50:6	beginning 52:5
accurate 10:8,9,24	al 1:3	7:23 41:12	avenues 50:7	behalf 1:17,19 2:4
29:3,4	alike 3:22	appropriate 22:21	aware 9:19 26:8	2:7,10,14 3:8
accurately 24:10	alito 8:18 24:8	22:23 46:25 47:4	42:24	25:18 42:1 51:1
acknowledge 4:19	26:12 32:1 34:21	approving 27:21	B	believe 3:25 4:16
10:3,7	43:2 45:13 46:9	april 21:19	b 4:21 5:21 17:14	4:18 10:23 27:3
acknowledged	allege 47:6	archdiocese 1:7		28:10,20 45:6
53:14	alleged 20:19	argentina 13:25	44:11 48:18,21 51:24 52:6,13,21	belong 23:16
acknowledgment	allegedly 29:24	argue 39:15	back 16:1	benefits 3:19
28:3	38:11	argued 42:6	backdrop 27:14	best 4:11
act 4:2 26:14,15	allow 7:23 8:1	arguing 9:13,15	balance 25:13	beyond 22:2
27:19 52:12	37:24 53:25	48:15	bank 39:5,6,7	binary 7:18,23 8:2
acted 27:12,13	allowed 9:20 15:11	argument 1:14 2:2	barrons 33:3 34:2	8:7,10 10:19 17:3
action 3:16 5:22	35:25 53:10	2:5,8,12 3:3,7	based 20:3 28:6	22:11
6:12 11:6,18	allowing 10:1	4:19 5:1,2 16:6	33:24 43:17 52:2	blackmun 4:1
26:16,21 36:7	49:16	17:19 19:6 25:17	basic 3:11,13,19,23	blind 53:16
38:5 44:11 48:18	allows 8:23	41:25 50:25 51:10	3:25 4:9 5:2,8,9	boat 53:20
48:21,22 49:20,25	altogether 3:24	arguments 17:14	5:15,23 6:9,19	boies 1:19 2:6
51:24,25 52:6,10	amendments 26:14	armonk 1:19	7:21 9:3,8,12,24	25:16,17,19 26:18
52:21	amgen 12:1 13:17	array 42:12	10:22 11:7 13:8	26:25 27:3,9 28:4
actions 26:9,11	15:17 25:25 26:19	article 41:2	17:4,8,18,24	28:12,18,23 29:18
37:7 46:18 52:12	26:22 45:16,18,25	artificial 35:17	18:10 19:6,9 20:5	30:5,7 31:14 32:1
55:4,9	53:13	artificially 33:22	23:25 25:22,22	32:12 33:12,15
actual 3:15,24 4:25	amicus 1:23 2:10	34:8,25 35:15	26:17 27:23,24	34:14 35:8,21
17:21 24:25 52:1	8:25 42:2 49:12	asbestos 29:2,6	28:1,21 30:21	36:3,25 37:12,16
addition 30:2	amount 40:12	aside 5:7	31:5,9,18,24,24	38:19,23 39:1,3
additional 55:2	analog 4:10,20 5:6	asked 24:19 28:19	32:4,6,23 35:18	39:15 40:4,14
address 17:10	analogous 3:16 11:6 51:24	asking 4:12,23 6:8 53:5	35:22 41:7,10,12	41:4,14,23 51:16 boise 41:6
addressed 6:3			42:8 44:2,6,8,19	bother 19:9
addressing 42:5	analysis 17:16	aspect 48:14 assertion 44:2	45:4,14 48:6 49:1	
adequate 29:1	analysts 19:24 28:25		49:5 51:11,22	bought 21:18,22
admit 7:9		assertions 29:2	52:18,18 53:4,9	22:4 46:23 47:21
admitted 13:1	analyzing 50:16	assume 11:1 41:8	22.10,10 33. 1 ,7	49:1 55:11,15
	l	<u> </u>	<u> </u>	<u> </u>

				ĺ
breyer 13:20 21:16	cases 6:4 10:1	39:24	46:1,7,8,17,22	comprise 44:12
22:8,14 23:12	11:20 23:3,3	change 5:15 31:2,3	47:15,17,20,24	concede 22:18 25:6
46:19 47:3,16,20	32:16,17 36:11,14	43:24 50:5	48:1,17,21 51:5	conceded 24:5
52:22 53:7,18	39:5,11 40:9,17	changed 5:9,16,18	51:19 53:4,22,25	30:15,17 38:8,9
breyers 53:17	40:22 46:11,13	5:21 6:19 31:24	54:3,10 55:4,9,11	47:21
brief 7:9 25:5,5	51:6	42:7	55:15,17	conceptual 47:10
28:13 49:12	catches 42:20	changes 52:7	classaction 32:17	concerned 39:24
briefly 17:10	categories 34:22	chief 3:3,9 9:9 10:2	classes 36:23 40:9	conclude 27:9,11
briefs 8:25 11:1	35:7,9,11	10:21 20:22 21:3	40:15	confounding 29:5
27:8 50:14	category 39:11	25:14,15,19 36:21	classification 46:25	29:22,24,25 30:8
bring 16:13 21:20	48:17	37:10,15 41:22,24	classwide 6:2,2,5,7	confronted 44:10
26:10	caught 29:10	42:3 44:24 45:1	clear 29:3 31:7,12	congress 3:15 5:13
brings 49:19	causation 11:12,19	50:23 55:18	clearly 3:13 29:13	11:5 26:4,5,7,20
broadly 49:17	11:22,24 12:9,12	choose 50:5	29:13	27:11 28:6,10
broker 46:15	12:14 16:4 19:14	chose 52:19 54:21	closer 5:6	31:10,18 51:22,23
burden 8:13 24:22	19:15,18 53:22	circuit 8:23,24	codify 52:20	52:6,9,16,19
54:6,13	cause 3:16 5:22	18:18,22 38:22	colleague 40:7	54:19,21
burdensome 28:15	11:6,24 26:20	39:4 53:12	collect 23:24	congressional 4:12
28:16	31:2 46:7,8 49:24	circumstance 43:3	comcast 6:1,10	congresss 25:24
business 10:18	51:23,24 52:21	circumstances 42:7	44:7	connection 27:1
buy 35:2,14,16	caused 42:24	cited 7:15 27:7	come 25:6 33:20	consequences 3:21
42:21 49:6	certain 5:18	claim 12:25 15:23	43:20	49:10,10 50:10,19
buying 33:24 49:17	certainly 9:2 15:3,4	15:23 16:14,15,18	comes 9:15 43:7	consider 54:23
buys 18:1 33:21	22:5 31:10 42:11	29:22 47:15	commerce 25:23	considered 14:23
34:9	42:22 46:13 49:10	claimed 9:12	common 3:14 4:3	14:25 15:2,12
bypass 24:24	certification 8:8,16	claims 16:5 46:4	6:20 11:9,12 13:7	23:21 24:6 36:7
<u>C</u>	9:14 10:1 14:23	51:21	14:4,6,15,17,22	considering 31:11
c 1:10,22 2:1 3:1	16:24 17:1 18:17	clarify 37:23	15:5 18:21 22:6	consistent 17:25
calculation 12:12	18:20 19:13 22:2	class 6:4,12 8:8,16	22:25 24:2,25	45:15 54:8,13
call 17:11	22:23 23:1,4,15	9:14,18 10:1	44:22 45:20,24	consistently 5:22
cant 16:3,4 26:10	23:22,25 24:6	11:18,23,25 12:2	47:9,9 53:20	5:25
28:16 38:3 53:8	25:7 28:17,22 29:14,17 36:1,5,9	12:9,11,13,15,25	54:15,17,20	constraints 52:9 construction 17:14
care 17:13	, , ,	13:2,6,7,8,13,13	commonality 13:1	
case 3:4 5:10,13	36:10,12,12,14,16 36:19 37:11,14,17	14:23 15:19,20,22 15:24 16:3,24	commonly 20:11 communicated	construed 5:22 contained 24:11,13
6:23 8:4 9:6	37:24 38:5,20	17:1 18:17,19	46:5	contained 24.11,13
13:11,21,22 14:7	44:9,20 45:15,19	19:13 20:16,18	communicating	content 6:23
20:20 21:6,7,21	46:1 47:1,4 51:5	21:10 23:1,4,7,9	33:6	contest 0.23
21:22,23 22:6	51:19 53:25 54:3	23:15,21,25 24:6	companies 3:22	contestable 5.4
23:9 24:17,19	54:11	25:7 26:9,11	17:2,2 51:8	context 8:22 28:23
25:25 28:24,24	certified 23:9 36:24	28:16,22 29:13	company 3:4	52:1
30:16 32:16 37:18	39:12 40:9,11,15	36:5,8,10,11,12	company 5.4 compare 20:4,7	continue 23:3 28:1
38:14,18 39:5,6,7	45:21	36:14,15,19 37:7	compare 20.4,7	continue 23.3 28.1 continuing 17:22
39:23 46:17,21	certify 53:3	37:13,17,24 38:5	competing 44:10	contract 13:22
47:14 48:14 51:18	cetera 31:13 46:15	38:20 40:11 44:9	complicated 30:9	contract 13.22
53:12,15 55:19,20	challenge 17:17	44:20 45:19,21,23	30:12 31:4	control 44:21
	chuncinge 17.17	11.20 10.17,21,23	JU.12 J1.1	
				•

		40-1-52-22	12.21 15.10 20	40.14.14.41.4.20
convincing 31:12	create 26:15	40:1 52:23	13:21 15:19,20	40:14,14 41:4,20
corporate 20:15	created 3:17 9:24	defendants 8:1,15	23:14 27:20 32:3	42:10 45:5,9
21:9	17:8 52:20 54:20	8:19 9:22 44:13	33:10 40:10 41:17	46:20 49:8 50:18
correct 10:15 15:10	creating 4:22	51:21 54:7	difficult 21:5 28:14	53:3,23 55:17
18:7,9,12,14 19:7	culp 38:11	defended 11:8,10	29:20 52:8	doubt 9:24 30:16
40:16 51:16 52:17	culpable 31:1,3	defense 22:15,15	difficulty 20:5	37:23
53:18	34:19,20 38:11	defined 47:24 49:9	direct 3:23 13:5	dramatic 49:11
corrected 33:23	curiae 1:23 2:10	delay 36:19 38:5	directly 13:10	50:19
corrective 19:19	42:2	delayed 9:23	disagree 7:16	driver 8:8
correctly 18:19	currently 43:17	demonstrate 21:5	disagreement	drop 51:12
31:19	cut 55:8	30:21	38:16	dropped 29:4
cost 20:4 38:4	D	demonstrated 38:9	disallowing 16:23	due 31:3
costly 20:8		demonstrates	disclosure 19:19	dura 37:4
costs 55:8	d 1:10,22 3:1	30:13	24:12,14 32:9	duty 54:14
couldnt 29:15 53:4	damage 33:24	denied 38:21 51:17	33:23 38:12,15	dwarf 46:18
counsel 25:15	38:18	department 1:22	44:15	
41:22 42:6 44:24	dates 29:20,21 30:1	dependent 8:3	discovery 36:6,9,10	<u>E</u>
50:23 55:18	38:15	43:23	36:16,20 38:3	e 2:1 3:1,1
counteractive	david 1:19 2:6	depends 24:1	discrete 13:7	earlier 37:20
43:10	25:17	depressed 33:22	disproof 46:6 47:14	easily 37:23
counterbalance	day 29:3 30:5,6	deputy 1:21	disproved 45:22	economic 3:14 4:1
43:6	32:8 33:19 34:25	described 32:6	dispute 29:7 31:6	4:5 6:19 10:14,18
course 3:23 5:2	49:8 50:22	detail 24:21	36:21,22 51:9	11:1,4,6 17:16,17
9:15 11:3 22:14	dealing 10:11 37:25	detailed 30:1 38:7	distinguish 24:10	17:20 19:2,6
27:18 34:9	deals 19:18	38:16,16	distort 22:12	25:23 31:6,8,17
court 1:1,14 3:10	december 29:4,6,8	determination 9:16	distorted 7:20 8:14	31:17
4:9,19,22 5:20,25	29:19	24:16	16:17 18:2,6	economics 6:19
6:3,5,8,9 8:11 9:3	decide 5:10 10:15	determine 6:6 31:1	19:16,22 20:21	economists 10:23
9:6,20 10:16,17	14:5,16 23:15	34:16	21:14 24:3 25:2	effect 24:10,11
13:17 14:22,24	28:5 36:17 38:3	determining 25:8	25:12 42:15 54:18	45:23 46:6 50:17
15:11 16:25 17:4	44:19 45:18	deutsche 39:5,5,7	distortion 43:9	50:17 51:20
17:7,21 25:20,22	decided 3:12 5:12	development 9:2	district 10:19 18:21	effective 24:16
25:24,25 26:8,19	5:18 15:5,8 25:25	developments 3:20	doctrine 26:2	41:13,15
26:22 28:4,8	32:23 36:18 45:4	54:24	documents 29:11	effects 24:18
31:11 37:23 42:4	deciding 23:18	devised 42:11	doesnt 9:16 15:24	efficiency 7:18
44:6,8,18,19 50:4	decision 17:18	dictum 27:2	19:5 31:9 33:13	14:21 15:11 16:7
51:19 53:6,8,23	25:23 26:8 27:16	didnt 13:3 14:14	42:18	16:13,21 19:1,3
54:20,21,22	28:8 29:13 37:4	22:16,17 27:5	doing 27:20,21	20:13,14 21:6,10
courts 9:5 18:22	42:7 44:9,16 48:9	34:21 39:25	39:23 49:6,15	21:12 22:25 23:20
20:13,25 21:11	decisions 44:3,7	die 16:5	dont 6:22 7:16,22	25:10 28:15 30:14
22:12 26:10,10	decisis 54:23	differ 41:7	10:16 14:2,5,10	30:15,16,18,20
27:19,21,25 37:4	declined 5:14	difference 15:16,25	16:2,8,12 18:24	38:8 39:24 43:12
42:7 44:3,7,8	declines 19:19	16:12 35:24,25	19:22 22:20,21	45:7 47:13,14
45:15,24	deemed 26:15	differences 36:4	23:16 27:7 28:1	50:16 51:9 53:19
cover 29:1	defeat 47:14	different 5:12	28:12 36:21,22,23	53:24
covers 14:3	defendant 37:21	11:21 12:12 13:15	38:3 39:15 40:6	efficient 7:6,25 8:9

	I		I	I
10:4,13,20,23	event 17:12 18:12	extent 10:8,9,10	following 19:24	generated 6:12
13:19 15:8,25	20:7,12 21:4,8,12	20:4 45:9	42:19	generically 22:10
16:19 17:3 19:4,5	22:8 24:9,15,21	extremely 46:11	forbid 53:9	genre 33:9
19:23 20:6,6,23	24:22 29:17 30:1	eye 53:16	foreclose 31:11	getting 55:16
22:2,11 23:23	30:13 34:12,14,15	eyeball 4:25	forest 39:8	ginsburg 3:25 4:8
25:9 32:7,25 33:1	38:7 39:23 45:3,6		form 11:22 45:6	4:14,17 9:10
39:8,14,16,18,21	45:10 52:24,25	<u>F</u>	fourth 41:1	12:24 35:20 51:12
47:5,18 52:23	events 10:5 20:17	facie 14:7	frame 37:20	52:4
53:3	34:12	fact 6:3,6 8:6 9:3	framework 18:10	give 6:8 8:15
effort 42:12	everybody 15:9	19:25 20:11,16	fraud 10:1 11:14	given 52:5
eight 38:14	21:21 22:5 34:9	24:17 33:25 37:22	27:17 42:15 46:13	gives 32:18
either 15:23 35:3	everybodys 16:4	44:4 45:22 46:22	49:3,20	glue 18:20
element 44:22 47:7	evidence 16:24	50:19 53:16	fraudfree 34:10	go 9:16 22:2,8
49:24	24:6 25:6 31:12	factor 21:11 25:8	fraudonthe 11:25	23:11,23,24 35:5
elementary 46:21	35:10 42:14 53:14	25:11 43:10	fraudonthemarket	36:16 38:17 40:9
elements 52:20	exact 15:22	factors 13:1 20:13	16:14 26:1 27:15	40:18 47:22
embedded 26:3	exactly 16:18,22	21:1 29:5,22,24	28:10 44:17 49:21	goes 16:1 37:12,12
embraced 3:15	45:5 49:9 53:18	29:25 30:8,25	54:1	going 16:20 18:16
embracing 52:18	example 21:8 26:7	facts 8:4 24:11,13	fraudulent 31:21	18:25 19:10 27:19
emphasized 13:17	30:11 37:17 38:13	fail 36:11,14	35:14	28:1,21 34:7 35:2
emphasizing 25:21	42:16	fair 14:2	frequency 55:14	35:5 36:17 40:22
empirical 35:10	exception 8:5	false 32:2 48:23	frequently 55:10	40:25 42:22 45:23
enacted 11:5 27:25	exceptions 10:8	falsity 42:23	friend 10:3 18:8	52:23 53:2
endorse 27:24	exchange 4:2 12:23	far 21:19 30:14	38:21	good 22:3 46:3
enormously 38:6	13:14,15 17:2	faster 33:7	full 8:15 36:9	gotten 32:24 55:2
entire 20:17 21:10	20:23 21:19,22,23	feasibility 45:2	fullblown 19:13	government 6:21
entirely 41:10	22:4 39:19 46:23	federal 26:2,10 fees 49:14	fulltime 32:19	11:10 24:5
entitle 12:11	51:8 53:22		fully 28:13 46:20	governments 25:5
entitled 32:9,15	exclusively 11:22	fellow 33:10 fifth 53:12	fund 1:6,8 3:5 6:22	granted 37:7 40:19
equal 28:14	exemption 3:18		6:24,25 11:10	51:6,17
erica 1:6 3:5	exist 47:6	figure 33:3 40:8 filed 49:12	24:5	great 24:21
erroneous 3:13	existed 28:11	filters 40:22	fundamental 9:7	group 13:24
especially 5:13 9:5	expected 29:9	finding 21:2	16:25 43:23	guess 46:24 48:5
esq 1:17,19,21 2:3	expense 38:4 39:22	fine 14:15	fundamentally	H
2:6,9,13	expensive 30:10	finish 17:5	5:11,20 48:16	hadnt 38:9
essence 43:14	experience 20:4	first 5:20 17:13	funds 25:5	half 37:6 40:18
essential 9:4 23:1	39:4	31:14,14,16 42:8	further 4:11	51:16,17
essentially 7:8 9:6	expert 6:10,11 21:8	43:13 45:20 48:12	G	halliburton 1:3 3:4
15:18 51:8 54:20	24:17 29:6 30:10	48:13	$\frac{\mathbf{g}}{\mathbf{g}3:1}$	7:10 28:25 30:14
establish 6:4 7:24	38:16,17	five 29:21	gain 43:3 50:20	30:17
8:13,16 12:14,16	experts 6:3	fka 1:7	general 1:21 7:15	happen 43:8 46:11
13:18 44:14 45:7	explain 11:17 45:13	flawed 34:13	7:16 8:5 14:12	happening 33:3
49:25 50:1	explained 24:21	focus 5:5 18:4	48:3 50:16	happens 21:16
established 39:11 54:3	exposure 29:2	21:12	generally 7:11,14	hard 20:22 32:4
et 1:3 31:12 46:15	express 3:16 expressly 52:21	focusing 5:3 50:17	8:6 30:21 37:13	42:13
EL 1.3 31.12 40.13	Expressly 32.21	130431119 3.3 30.17	0.0 50.21 57.15	.2.13
	l	l	l	l

1 61221	42 10 44 25 47 2			10.7.15.24.10.0
harmful 3:21	42:18 44:25 47:2	inflated 33:22 34:8	involved 46:14	18:7,15,24 19:9
harming 55:4	imagine 42:13	34:25 35:15 42:25	irrational 24:12	19:12 20:3,22
hasnt 31:23	immediately 4:10	49:2,3	25:3	21:3,16 22:8,14
havent 47:10 55:2	23:23 32:4,6,14	inflation 35:17	irrebuttable 9:7	23:2,8,12 24:8
hear 3:3 38:24	impact 8:24 9:8	information 7:12	irrelevancy 22:4	25:14,15,19 26:12
heard 12:2 46:4	11:20,24 12:15	7:14 8:6 11:14	irrelevant 19:3	26:23 27:1,5,18
hearing 19:13	14:25 15:14 16:4	14:11,12,13,18	42:14 43:9	28:12,19 29:15
hedge 6:24	16:20,22,23 18:20	19:4 20:16 21:24	isnt 9:10,10 12:11	30:3,6 31:5 32:1
held 5:25 9:22	19:1 24:5 25:6,10	31:3 32:11 33:5,6	32:7,16 35:1	33:8,13 34:11,21
13:17 18:19 26:22	28:14,20 37:19	34:18 42:17,19,23	issue 7:4 12:20 14:4	35:20 36:21 37:10
31:18,19 39:8	38:10,18 39:7	43:4,7,14,16,18	14:6,15,17 15:4,7	37:15 38:19,24
53:12 55:12	45:8 50:21 53:1	43:21,24 46:5	22:6,21,23 23:14	39:2,9 40:3,5 41:2
help 55:5	53:14,15,19,25	47:22,25 48:24	29:14 32:17 37:19	41:6,21,22,24
hens 8:25	54:7	53:1	37:22 38:2 41:17	42:3 43:1 44:24
herring 14:17	impacted 8:17	inoperable 52:15	48:16 54:22	45:1,13 46:9,19
hes 22:17 39:3	16:10	inquiry 36:1	issues 6:2,2,7 9:17	47:3,16,20 48:2
high 42:21	impacts 19:4	instance 9:20 11:14	9:18 14:22,24	49:19 50:8,9,23
higher 51:7	implied 26:16	institutional 49:13	15:16 22:25 36:6	51:4,12 52:4,13
highfrequency	important 21:11	50:3 55:14	36:7,17 38:4	52:22 53:7,17,18
33:17	36:13 48:14	instructive 19:25	53:20 54:15	54:5,10 55:18
history 27:22	imposed 45:14	insurance 29:1	J	K
hold 53:6 55:13,17	impossible 8:22	55:8	ja410 24:20	kagan 5:1 6:14,16
holding 9:5	inclined 8:11	intact 33:21	jettison 10:22	7:5,22 11:17 15:1
holds 18:21	includes 52:11	integrity 6:21 7:2	john 1:6 3:5	15:15 16:11 48:2
home 33:2,11 34:2	inconsistent 7:21	11:9 13:4 33:16	journal 33:11	kagans 50:9
honor 5:19 13:24	39:13	33:25 34:3 42:10	judge 14:5 39:7	keep 8:11 28:21
18:14 19:8 20:10	incorporate 14:10	intended 17:8	judges 10:19	keeping 44:2
21:17 22:16 26:18	14:11,12,15,18	51:23	judgment 30:12	kennedy 17:5,10
27:4,10 29:18	43:16	interaction 44:5	37:2,5,7,13,16,22	18:7,15 20:3
31:15 32:12 33:15 36:4 37:1 39:16	incorporating 32:11	interpreting 5:21 52:2	40:19,24 51:13,15	29:15 30:3,6 31:5
			55:12	33:8,13 34:11
40:16,16 41:4,16	increase 38:6	interrupt 45:1	judgments 37:9	39:9 50:8
51:15 52:16 53:11	index 6:24	intervening 54:24 investment 7:1	55:6	kind 7:23 40:1
hour 32:9 houston 1:17	indexing 49:13 50:6	50:4	judicially 3:17	kinds 21:20
huge 55:8,9	indicate 29:11	investor 13:8 42:16	52:20	knew 29:10 34:8
hypothesis 7:7	individual 9:17	42:24 43:2,8,12	jumps 4:22	knocked 11:11
hypothesis /./	11:20,21 13:13	43:16 50:2	jurisprudence 5:24	know 7:17 8:18
I	16:15,17 46:18	investors 3:22 6:20	justice 1:22 3:3,9	10:12 11:20 23:24
id 11:16 31:15 42:5	48:9,22 50:2	6:23,25,25 11:8	3:25 4:1,8,14,17	27:6,7 28:12 32:8
43:1 51:2	individualized 7:3	33:9 34:23 35:7,9	5:1 6:14,16 7:5,22	34:23 35:13,14,15
idea 23:5 36:12	11:15	35:11 42:9,11	8:18 9:9,10 10:2	39:15 40:6 41:2,8
40:21 52:2	individually 13:3	48:17 49:13 50:3	10:21 11:17,18	45:5,9 49:8
illustrates 48:13	individuals 12:1	55:4,5,11	12:4,7,17,19,24	known 49:4
im 11:22 13:11	industry 48:5,8	invoked 9:21	13:20 15:1,3,15	knows 35:17
15:6 35:2 36:22	inevitably 36:4	invoking 24:24	16:1,11 17:5,10	
	Increasing 50.7	III VIXIIIS 2 1.27		
				•

	ı	•	ı	
	12:9,12,14,16	45:7 47:13,18,21	7:20 8:14 13:12	31:11 32:11 33:9
11:21 2:9 41:25	16:4 19:14,15,18	49:2,16,18,21	18:2,3,6 21:14	39:18 42:9 43:4
laborious 21:5	43:6 53:21 55:10	50:16 51:9 52:23	24:2 25:2 31:1	43:14,21,24 46:23
lack 50:17	lost 48:14 49:3	53:18,24 54:18	32:15 33:21 38:11	51:7
lag 32:10,13,22,24	lot 10:25 21:4 30:9	marketplace 13:4	39:10 54:17	news 21:9 29:8,21
large 35:7,8,11	30:10 36:11,13	markets 7:6 14:10	misrepresentations	30:23
40:20 46:17 55:14	37:1 38:20 39:17	14:18 15:25 16:19	11:21 20:19 22:11	nine 29:20,21 38:15
laser 18:4 21:13	39:20 52:7	25:8 30:22,22	31:21 32:19 46:14	nonsensical 52:3
law 3:14 17:11,23	low 42:21	32:25 39:18,19,20	missing 53:21	normal 40:1
24:20 26:2,4,6,11	lower 22:12	39:21 47:5 48:5	misstatement 12:20	normally 14:19
27:25 28:7 29:16		53:3	12:22 19:17 45:8	noticed 14:6
34:12 48:10 50:10	M	massively 33:1	mode 45:6	notion 7:6
50:12,13 54:21	m 1:15,17 2:3,13	matched 45:10	money 42:20 43:13	notions 4:11
laws 31:20	3:2 50:25 55:20	material 7:12,14	49:3 50:5 55:16	number 40:13,13
lawyers 55:8	making 7:8 19:7	8:6	months 26:8	40:17,20 51:6
lead 4:3 21:2	24:16 37:21 44:16	materiality 15:21	morning 3:4 55:3	numbers 41:3
leaves 15:22 54:22	48:9	37:19	motion 37:21	
left 15:6,20	malcolm 1:21 2:9	matter 1:13 51:3	motions 37:2 38:20	0
legal 23:14	41:25	55:21	51:6	o 2:1 3:1
legislated 26:6 28:6	management 49:14	matters 20:20	motivation 4:2	obstacle 37:5
52:9	manner 47:25	21:13 25:12	move 37:18,19	obviously 28:4 38:4
legislating 27:14	march 1:11 21:19	mean 10:25 15:7	moved 26:9	oh 30:6
legislation 27:16	margins 10:12	16:25 22:3 37:17	movement 34:17	once 23:4,6,8 36:15
52:6	market 6:21 7:2,10	means 41:8	34:19	36:23 51:18
level 7:16	7:11,13,18,20,25	meant 23:25		oneonone 46:15
levinson 3:11	8:5,9,14 10:4,6,19	member 13:2,6	N	ones 24:23 25:1
light 43:7 54:24	10:23 11:9,26	47:15,18	n 2:1,1 3:1	46:18
limited 36:8 52:13	13:19 14:21 15:8	members 13:13	nagging 46:20	onethird 23:10
53:22	15:11 16:7,9,13	15:19,22 46:7	narrow 17:14	opinion 4:6 13:22
lines 39:10	16:16,21 17:3	mention 25:4	narrowly 5:23	31:7
literature 10:15,18	18:6 19:1,3,4,21	merit 37:3	nasdaq 39:19	opportunity 5:14
11:1	19:22 20:6,12,14	meritless 51:21	nearly 50:19	5:15
litigation 9:22	20:21,24 21:5,10	merits 9:16 14:8	necessarily 28:2	opposed 20:21
39:17,20	21:12,15 22:3,11	15:6,9 18:10	necessary 28:21	oral 1:13 2:2,5,8
little 7:19	22:12,25 23:20,23	19:13 29:13 35:23	necessity 16:20	3:7 25:17 41:25
longer 11:7 43:19	24:3,12 25:2,10	36:2,7,10,16,18	need 13:18 30:25	order 30:25 45:18
look 5:10 11:2	27:17 28:15 30:14	36:19,23 38:1,2	49:23 50:4	ordinarily 36:6,17
20:19,20,25 28:5	30:15,17,18,20	40:22 44:6,20	needs 10:16	ought 44:8
30:7 51:22 52:6	31:9,22 32:2,3,5,7	met 13:1	neither 27:24 46:24	outside 8:22,24
52:16	32:10,13,20,22	methodologies 6:5	47:3 52:19	overinclusiveness
looking 19:22	33:4,16,25 34:3	midpoint 18:25	nera 51:4	20:2
25:10,10,11	34:10 35:4,17	19:20	net 50:20 55:10	override 10:10
looks 18:11	38:8 39:8,13,16	midway 17:12	never 7:10,11 28:9	overrule 3:23 27:23
lose 16:13 45:24	39:25 42:10,13,14	milwaukee 1:7	new 1:19 7:12,14	overruled 3:11
46:8	42:18,20,23,25	minutes 50:24	8:6 12:22 17:1	41:10 48:6 49:5
loss 11:19,22,23,24	43:5,12,15,20,25	misrepresentation	20:23 21:18,22	54:25 55:1
,,,				

l: 52.10	42 (44 2 40 10	52.20	24.16.10.24.25.5	41.10
overruling 52:18	42:6 44:2 48:19	53:20	34:16,18,24 35:5	41:18
P	51:1	predicates 14:25	37:19 38:17 39:7	proximate 11:23
p 1:6 3:1,5	piece 14:11 34:17	15:13	42:10,14,23,25	pslra 26:4,13 27:12
page 2:2 4:18 25:4	52:25	predominate 9:18	43:5,22,25 45:8	37:4 41:7,13,15
25:5	place 8:12 24:23	54:15	49:2,2 50:21	41:19 52:11,14
	54:13	preference 54:5	53:14,15,19,25	public 4:11 13:19
pardon 6:15	plain 4:7	preliminary 15:6	54:7,18	16:8,19 31:21
parentheses 23:16 part 9:4 12:11	plaintiff 8:13 12:13	premise 6:20 9:8	prices 7:10,11,14	46:6
1	12:15 18:1 23:22	11:8,11 16:25	8:5	publicity 14:22
20:12 37:8,9	24:23 44:14 54:6	18:1,4 19:2 25:22	prima 14:7	15:12 16:7,21
40:19 48:13,13	54:14,16	25:24,24 30:21	primary 49:7,15	22:25 23:21 45:14
50:8	plaintiffs 3:19 6:3	31:16,17,18,20	principal 8:8 11:3	45:25 46:7 53:19
particular 6:20	7:23 12:25 13:17	premises 6:19 7:21	17:19 48:4	53:24
7:20,25 8:4 24:17	13:18,24 20:11	11:7 17:18,25	principle 46:24	publicly 30:23 46:3
28:24,24 32:10,13	21:8,17 22:16	presented 17:24	principles 54:23	purchased 13:13
34:16,17,25 37:18	24:2 45:24 46:3	preserves 3:18	private 26:16,20	13:14 32:8,14
38:11,18 39:17,21	46:22 48:20 50:20	presumably 43:18	46:14 48:20 51:23	51:25
39:23 42:16,17	50:21 54:14,16	presume 15:13	probability 4:3	purchases 19:17
43:3 47:17 50:18	plead 23:23	presumption 3:17	problem 7:17	purchasing 12:21
52:25	pleading 37:3	4:4,4,23 7:24 8:1	procedure 48:15	purported 6:4
parties 27:6	40:21,23 52:7	8:3,12,20 9:4,21	produced 33:9	purpose 9:21,25
pass 23:24	54:2	9:24 16:14 17:9	professors 17:11,23	purposes 22:2
passed 36:15 51:18	please 3:10 25:20	17:22 24:1,24	24:20 29:16 34:12	put 5:7 23:16 28:21
pay 55:16	42:4	26:1 35:19,21,22	41:11 48:10 50:11	36:4
paying 55:6,12	plenty 46:13	44:18 54:1,19	50:13,13	putting 53:13
people 21:17,20	pocket 55:7	presumptions 6:1,9	programs 34:1,2,6	0
33:2,6,6,16,24	point 13:16 15:7	17:15	prohibit 53:13	
34:6 47:25 48:19	24:4 28:13 46:16	prevalence 45:3	proof 18:25 44:23	question 5:11 9:11
48:22 49:6	47:10 52:13 53:17	prevent 40:22	45:20	9:12,17 11:15,26
percent 23:11 29:5	points 7:8	52:22	propensity 43:24	13:7 15:21 16:2
37:8,8 40:8 51:5	policy 4:11,12	prevents 37:21	proper 4:10,15,20	17:15,24 18:5,8
51:14,17	position 8:11 15:23	previsions 41:9	13:6 24:22 48:20	18:15 19:21 23:19
percentage 23:3	17:11,12,23 20:18	price 6:21 7:2,20	proposed 41:19	24:8 28:19 35:23
40:12,15	48:10	8:14,16,24 9:8	prove 11:19,23	39:9 40:25 44:20
perfect 10:4	positions 15:20	10:6 11:9,13,19	12:8 16:3,4 21:10	44:21 47:9 48:3,6
period 14:19 20:16	possibility 34:24	11:24 12:14,22	30:20 38:7 47:5	48:10 50:9
20:18 21:10 32:18	possible 32:21	13:15 14:25 15:14	50:21 53:2	questions 40:6
46:24 55:11,15,17	potential 45:8 49:8	16:3,9,16,20,22	proved 6:3,6 29:2	quickly 42:18
permeate 32:19	50:7	16:23 18:1,6,20	45:19 46:1,2 47:7	quintessential 7:3
person 13:6,9 49:1	potentially 48:18	18:25 19:16,18,21	proven 3:19,21	
49:4	49:11	20:15,21 21:15,24	18:19 19:14	quite 8:3 27:20 31:7 32:2 33:10
personal 39:4	powerful 24:24	22:12 24:3,5,11	provides 35:19	47:10
personally 47:19	practical 35:25	25:2,6,10,12	proving 11:19,24	47.10
48:22	46:16	28:14,20 29:4	28:14,15 45:14	R
petitioners 1:4,18	precisely 16:21	31:2,2,22 32:2,3,6	provision 52:14	$\frac{\mathbf{r}}{\mathbf{r}}$ 3:1
2:4,14 3:8 33:8	22:24 44:6 53:12	33:22,25 34:3,10	provisions 41:13,15	1 3.1
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

raised 8:10 51:3	red 14:17	38:16	23:24 26:16,21	44:11 48:18,20,21
rapidfire 6:24	reduced 54:1	representation	29:12,12 32:13	51:24
rare 8:25 38:22	refer 26:23	13:5,9 32:2	37:15 41:21 53:4	securities 3:19 10:1
46:11	reference 4:17	representative	rigor 6:6,9	26:2,9 31:20 37:7
ratification 26:17	referred 24:9	49:17	rise 43:22	46:13 48:4,5,8,9
28:2	referring 50:14	represented 50:3	road 45:22 46:2	51:6 52:11
ratified 26:4 27:10	reflected 10:5	representing 18:9	roberts 3:3 9:9	see 16:2 18:24
ratify 26:15,20	regarding 35:4	48:3	10:2,21 20:22	23:12 28:1 32:4
rationale 45:25	44:3	require 3:24 4:13	21:3 25:15 36:21	seemingly 27:6
reaching 16:8	regime 55:3,9	18:25 20:18	37:10,15 41:22,24	sell 42:21
react 31:9 42:18	regulators 48:4	required 14:23,24	44:24 45:1 50:23	selling 33:24
reacted 43:5	relate 39:6	15:1 52:1	55:18	sells 33:23
reaction 20:15	related 34:17,19	requirement 3:14	rule 3:18 8:5 14:12	sense 4:3 8:8,10,12
24:12 25:3	relatively 30:24	4:21 24:25 44:11	15:3,4,18,21 44:4	12:5 17:3 18:4
read 7:19 44:15	relevant 18:5 19:25	45:14 54:2	44:6 54:9,13	22:11 27:16 41:19
48:22	22:5 44:15	requirements 44:4	ruling 44:9	sentence 7:19 17:5
reader 34:2	reliance 3:15,24	52:8	running 20:17	separate 12:10
reading 33:3,11	4:13,21,23,24,25	requires 4:24 51:20		21:21 29:24 30:9
real 13:16 15:16	7:3 9:25 11:13	54:4	S	30:24,25
37:4	12:21 16:15,18	requiring 10:18	s 2:1 3:1 14:12	separation 24:18
realistic 46:10	17:21 18:21 21:20	20:14	salesperson 46:15	serve 17:20
reality 28:3	24:1,25 44:11,14	research 49:7,15	save 49:14	settle 51:21
really 15:17 20:20	44:17,22 47:7	reserve 25:13	saving 50:5	settlement 55:13
40:6,25 48:16	49:24 52:1 53:2	reserves 29:1	saying 5:8,8,17	shareholder 55:10
realtime 33:4 42:19	54:15	respect 8:23 9:7	14:9 32:3 34:11	shareholders 55:6
reason 15:11,13	relied 12:2,7 18:2	15:16 16:22 27:12	34:22 45:25 52:24	55:7
22:1 55:2	46:4 50:2 54:17	27:13 29:19,20,25	says 4:15,19 13:3	shares 19:23
reasons 9:25 16:18	rely 6:20 7:1 11:8	38:14 39:18,19	14:2 17:12 26:14	shift 50:15
22:24	13:3,3 19:2 31:6	41:16,18 44:5	29:6 35:13 43:3	shorter 32:24,24
rebut 8:1 9:23 14:8	33:16 34:4 42:10	48:9 51:7	53:9	shortly 32:8
53:10 54:7	49:13,20	respects 42:6	scalia 15:3 23:2,8	show 12:2 13:25
rebuttable 4:4 9:4	relying 4:5 7:5	respond 7:12,14	26:23 27:1,5,18	14:10,14 20:23
9:11,13,15 17:8	12:10 13:11 24:2	8:6 44:1	38:19,24 39:2	21:12,14 25:1
35:19,21	34:3 43:14 50:6	respondent 1:20,23	41:6,21 49:19	31:8 38:10 44:14
rebuttal 2:12 8:15	53:2,13	2:7,11 18:9 25:18	scalias 52:13	47:19 51:5 54:14
8:23 35:25 47:7,8	remain 54:21	42:2	sec 48:4 49:9,19,22	showing 3:24 7:25
50:25	remaining 11:11	result 16:23 49:4	49:25	20:5,13,14 29:16
rebutted 35:22	50:24	revealed 29:8,22	second 5:25 8:10	47:18 52:1 54:16
rebutting 8:19 39:6	remedy 20:1 49:5	reverse 5:10	8:23 11:8 17:24	shown 52:24
recognized 4:9	remember 37:2	review 10:14,25	18:18 31:23 33:7	shows 11:6 52:17
44:19 51:19 54:19	render 42:13	reviewed 48:23	37:5 38:4,22 39:4	52:25
recognizes 28:8	rendered 52:15	reviewing 10:18	44:1 45:20	shred 11:11
recover 32:15	repeatedly 28:25	ride 35:16	secs 49:24	side 9:14 10:3 14:1
recoveries 46:17	30:17	right 5:5 8:15 9:22	section 4:9,13,20	14:7,8,14 27:23
recovery 32:10	reply 7:9	14:1,5 15:9 20:12	4:24 5:3,5,5,21	27:23 48:25
49:8 50:7	reports 6:10,11	22:17,17,18 23:9	11:5 26:13,13,23	sides 19:7 55:8
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	, , , , , = = = , ,		
	•	•	•	•

	1	 		l
significance 43:20	stage 8:16 9:14,22	strategy 42:21	suggesting 19:10	testimony 30:11
46:16	9:23 14:24 15:9	43:23	suit 48:21	38:17
significant 40:22	16:24 18:10,17,20	street 33:11	suits 46:18	texas 1:17
silent 54:21	22:23 23:1,15,22	streett 1:17 2:3,13	summary 30:12	thank 25:15 41:22
similarly 14:9	24:7 28:17 29:17	3:6,7,9 4:8,16,18	37:1,5,7,9,13,16	41:23 50:23 51:2
simpler 30:14	30:12 35:24 36:2	5:1,17 6:15,18	37:21 40:19,24	55:18
simply 27:25 30:24	36:2,5,18,23 37:3	7:15 8:7,21 9:19	51:13,15	thats 5:4,9,12 6:23
36:13 40:23	37:17 38:5 40:21	10:16 11:3,25	supplant 11:4	8:10 9:12 12:8
single 9:20 52:14	40:23,24 44:20	12:6,13,18,21	support 10:25	13:12 14:15 15:10
sitting 33:2,10	45:15,19 46:1,25	13:11 14:21 15:10	supporting 1:8,23	15:25 18:13 19:6
54:20	47:1,4,23 51:13	15:15 16:6,16	2:11 42:2	21:11 22:14,15
situated 16:22	51:15,18 53:25	17:7,19 18:13,18	supposed 10:14	24:19,22 29:13
situations 10:5	54:3	19:8,11,15 20:10	55:5	30:9 31:18 33:10
slusa 26:5,7 27:13	stages 37:3	20:25 21:7 22:7	supreme 1:1,14	34:4 35:18,23
27:15,15,16 28:9	standin 17:21	22:10,24 23:6,10	sure 28:18	46:9,10,19,19
41:16,20	stands 5:23	23:20 24:15 50:24	susceptible 44:22	47:8,10,10 52:17
small 41:12 55:5,11	stanford 51:5	50:25 51:2,14	45:20	53:11
sold 55:15	stare 54:23	52:11 53:5,11	sustained 32:5	theoretically 32:21
solicitor 1:21	start 51:2	54:8,12	switch 8:2	theories 17:20 31:8
somebody 13:9	state 26:9,11	strictly 4:5		theory 3:14 4:2,5
32:14 33:21 35:13	statement 12:3,8,10	strikes 23:13	T	10:4,23 11:4,6,26
35:18 51:25	13:19 16:8,19	strive 33:6	t 2:1,1	15:25 19:2 21:23
somewhat 41:16	35:1 45:21 46:2	strong 31:12	take 13:20 17:13	25:23 27:15 28:11
sophisticated 6:25	states 1:1,14,23	studies 20:12,17	21:7 30:22,22	29:17 31:6,17,17
45:12	2:10 17:4 42:1	24:9,15,21 34:14	33:14 43:13 46:16	32:5 33:13 34:13
sophistication 45:9	statistical 51:3	38:7 45:3,6,10	48:12 52:16	39:13 43:2 45:16
45:10	statistics 35:4	51:4	taken 17:11	45:17,24 49:21,21
sore 5:23	statute 52:3	study 17:13 18:12	takes 30:9	theres 8:2,4 11:11
sorry 15:6 36:22	step 36:13	20:8 21:4,9,13	talk 33:17 34:1	15:13,13,15,16
44:25 45:1 47:2	stewart 1:21 2:9	22:9 29:17 30:1	talking 11:22 13:23	16:9 23:6 37:20
sort 4:12,23 7:2	41:24,25 42:3	30:13 34:12,15	21:4 40:7,17	37:22
10:11 24:16,18	44:25 45:5,17	39:23 52:24,25	talks 41:3	theyre 8:25 12:10
41:10 43:9 49:6	46:12 47:2,12,17	subject 47:7	teeth 9:1	14:9 20:10,17
sorts 33:5	47:24 48:2,12	subjectively 48:23	tell 20:3 34:18 35:4	22:18
sotomayor 11:18	49:22 50:12	submission 10:21	35:6 44:7	theyve 27:20 49:18
12:4,7,17,19	stock 12:23 17:1	11:4	tells 7:19	thing 21:13 25:11
18:24 19:9,12	19:24 20:23 21:18	submitted 55:19,21	temporal 37:25	31:23 40:1 43:11
28:12,19 40:3,5	21:18,22,23 29:4	subsequently 49:3	temporarily 24:13	44:1
41:2 51:4 54:5,10	32:8 33:4 34:7,8	substantial 17:16	tend 45:11	things 5:18,19
sotomayors 16:2	34:24 39:19 43:17	substantive 26:2	tendency 43:15	15:18 23:15 27:22
sources 49:7,15	43:19,22 46:23	substituted 3:13	tends 48:14	30:11 31:15 34:15
spend 25:9	49:2 50:18 51:7	successful 8:19	terms 46:16	think 4:5 7:9 8:24
splinter 46:8 48:1	stocks 49:17	successfully 18:23	terrorem 51:20	10:16,17 13:16
splinters 45:23	strategies 7:1 42:9	suffer 43:6	test 10:22	14:2,2,11 15:17
split 15:24	42:12 49:14 50:4	sufficient 10:24	tested 6:5	16:11 19:6,22
splits 15:19 16:2	50:6	sufficiently 10:24	testified 24:17	21:3 22:17 25:25

26:16 27:5,7,10	train 45:2	undertaking 20:7	16:9 17:23 31:8,9	17:1 20:23 21:18
		undertaking 20:7 undervalued 35:3	35:7,9,12 36:7	
28:4,5,8 29:19	transaction 11:12 transmitter 11:13		37:25 43:23 51:8	21:22 39:18 46:23 51:7
30:19 31:7,19	treated 9:6 13:25	43:17,19	54:15 55:12	
32:12,12 34:5		unexpected 20:15		youd 36:19
35:3,7,8,9,9,11,14	treaty 13:23 14:1,3	21:9 29:9,9	ways 33:5 37:12	youre 7:8 9:13
35:15 36:3 39:3	trial 14:16 37:6	unfair 14:1	wealth 55:10	10:11 18:16,25
41:14,14,16,17,17	40:10,18,23	united 1:1,14,22	wednesday 1:11	19:10 22:16 34:7
41:20 42:11,17	tries 4:6	2:10 42:1	welldeveloped	34:11 48:3 50:14
43:3 44:4 45:17	true 10:24 22:14	unjustified 3:18	30:22	53:9
46:9 48:13 50:18	32:7 35:2 36:25	unrelated 43:7	went 21:24,25 34:5	youve 30:1,7 38:19
51:16 53:17,23,24	42:11	unusual 8:22	39:22	40:6
thinking 13:21	truth 32:25 43:7	unworkable 3:20	weve 14:5 15:1	
thinks 43:17,18	49:4	useless 41:10	29:11	
third 6:14,17,18	try 7:24 30:8 33:3	usually 5:9 36:22	whats 14:19 41:19	0
37:6	49:14	V	46:20	000 21:17
thought 9:3,11	trying 14:16 30:19		whatsoever 7:2	000 21.1/
10:25 38:21 40:3	30:24	v 1:5 3:4,11	wholly 37:8	1
40:5,7 45:2 52:10	turn 19:12,12	valid 48:18	whos 14:5	1 23:11 40:8
52:17,18	51:10 53:16	validity 17:22	wide 42:12	10 1:15 3:2 4:21
three 4:6 5:19 6:16	turned 4:10	value 6:25	win 22:19	5:21 17:14 44:11
7:8 31:15 37:2	turns 9:5 50:7	verdict 23:11	wins 22:18 47:8	48:18,21 51:24
throw 14:18	two 4:6 17:13 32:9	viable 15:23	wiped 40:20	52:6,13,21
thumb 5:23	36:3 40:5,7 42:5	view 5:16 42:9	wish 31:11	11 55:20
time 10:12,13 19:16	44:10 50:8	44:13 48:7,19,25	wont 36:9	13317 1:4 3:4
19:17 20:5 21:2	twopart 48:6	48:25 49:9 50:9	words 10:10 23:19	15 21:19,19
25:9,14 29:11	types 42:17	50:11	work 24:21 49:16	17 1:15 3:2
30:10 32:11,13,22	typical 12:25 13:8	violation 50:1	works 36:8	18 4:9,13,15,20,24
32:24 37:20,25	13:8,12 21:6	virtually 8:21 21:1	wouldnt 34:9 43:9	5:3,5 11:5 55:20
38:5 43:18 47:22	typicality 13:2	vision 44:17	47:4,13,13 48:1	1934 52:12
51:19 54:18 55:13		visions 44:10	49:23,24 50:1	1988 33:2,2
timeconsuming	U	volatility 6:24	writ 41:12	1993 52:12
20:9	ultimate 43:15		wrong 3:12 5:2,8	1775 52.12
timeline 37:11	ultimately 44:18		5:18 14:19 26:21	2
times 4:6 55:15	45:22	wall 33:11	36:13 38:24 39:2	200 23:24
today 3:13 33:1,4	unaware 29:10	walmart 6:1,10	39:3 40:23	2001 29:4
36:18 45:10	underinclusiveness	44:7 54:4		2014 1:11
told 49:6	20:1	want 25:7,21 51:10	X	203 26:13,24
totally 13:21	underlined 6:12	wanted 11:2 25:4	x 1:2,9	23 3:18 13:1 44:4,6
trade 17:2 33:7,17	undermined 3:20	27:23,24 37:18,19	Y	54:13
33:18 34:7,7	7:7 42:22	44:1 52:19	-	245 4:18
42:19	understand 10:2,7	wants 14:14	yeah 9:15	25 2:7 37:8
traders 6:24 33:17	22:20,22 23:13	washington 1:10	year 26:22	26 25:4
55:14	27:22 34:21 46:20	1:22	years 46:14	
trading 19:23 34:1	50:12,14	wasnt 4:5 46:5	yesorno 7:18 8:9	3
34:1,6 44:16	understood 4:25	way 4:11 12:9,15	10:19 17:3	3 2:4
traditional 54:23	28:13 47:11	13:12,25 15:24	york 1:19 12:23	37 37:8

				Page 66
	I	Ī	Ī	
4				
41 2:11				
411 24:20				
41124.20				
42 29:5				
5				
5 1:11 17:14 21:17				
48:18 50:24 52:6				
48.18 30.24 32.0				
52:13,21				
50 2:14				
30 2.14				
53 25:5				
6				
				l
7				
				l
7 29:4 51:14,17				
75 51:5				
73 31.3				l
7th 29:6,8,19				l
8				
9				
9 5:5				
				l
				l
1				
				l
	•	•	•	