OFFICIAL TRANSCRIPT PROCEEDINGS BEFORE

THE SUPREME COURT OF THE UNITED STATES

CAPTION: BERNARD L. BILSKI AND RAND A. WARSAW,

Petitioners, v. DAVID J. KAPPOS, UNDER SECRETARY

OF COMMERCE FOR INTELLECTUAL PROPERTY

AND DIRECTOR, PATENT AND TRADEMARK

OFFICE

CASE NO: No. 08-964

PLACE: Washington, D.C.

DATE: Monday, November 9, 2009

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1	IN THE SUPREME COURT OF THE UNITED STATES
2	x
3	BERNARD L. BILSKI AND RAND A. :
4	WARSAW, :
5	Petitioners :
6	v. : No. 08-964
7	DAVID J. KAPPOS, UNDER :
8	SECRETARY OF COMMERCE FOR :
9	INTELLECTUAL PROPERTY AND :
10	DIRECTOR, PATENT AND :
11	TRADEMARK OFFICE. :
12	x
13	Washington, D.C.
14	Monday, November 9, 2009
15	
16	The above-entitled matter came on for oral
17	argument before the Supreme Court of the United States
18	at 1:00 p.m.
19	APPEARANCES:
20	J. MICHAEL JAKES, ESQ., Washington, D.C.; on behalf of
21	the Petitioners.
22	MALCOLM L. STEWART, ESQ., Deputy Solicitor General,
23	Department of Justice, Washington, D.C.; on behalf of
24	the Respondent.
25	

1	CONTENTS	
2	ORAL ARGUMENT OF	PAGE
3	J. MICHAEL JAKES, ESQ.	
4	On behalf of the Petitioners	3
5	MALCOLM L. STEWART, ESQ.	
6	On behalf of the Respondent	26
7	REBUTTAL ARGUMENT OF	
8	J. MICHAEL JAKES, ESQ.	
9	On behalf of the Petitioners	51
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

1	PROCEEDINGS
2	(1:00 p.m.)
3	CHIEF JUSTICE ROBERTS: We will hear
4	argument this afternoon in Case 08-964,
5	Bilski v. Kappos.
б	Mr. Jakes.
7	ORAL ARGUMENT OF J. MICHAEL JAKES
8	ON BEHALF OF THE PETITIONERS
9	MR. JAKES: Mr. Chief Justice, and may it
10	please the Court:
11	The Federal Circuit's rigid and narrow
12	machine-or-transformation test for all patent-eligible
13	methods should be reversed. The requirement that any
14	and all methods must be either tied to a particular
15	machine or transform specific subject matter doesn't
16	find any basis in either the language of section 101 or
17	anywhere in the patent statute.
18	It's not required by this Court's
19	precedence, and it's contrary to the established
20	principle that section 101 should be read broadly to
21	accommodate unforeseen advances in the useful arts.
22	There are recognized exclusions from section 101, from
23	that broad language, such as laws of nature, natural
24	phenomenon, and abstract ideas. Those may not be
25	patented.

- 2 the Court's precedent, including this Court's Diehr
- 3 case, also find support in the statutory language,
- 4 which says that any process must be new and useful.
- 5 So the prohibition against patenting laws of
- 6 nature or abstract principles -- it applies equally to
- 7 all four categories of subject matter under 101, but,
- 8 here, the Federal circuit has created a new test just
- 9 for processes that are not found in the statute or
- 10 required by this Court's decisions.
- 11 JUSTICE SCALIA: Of course, the government
- 12 says that the -- that the term on which it hangs its hat
- is the term "useful arts" and that that meant,
- originally, and still means manufacturing arts, arts
- 15 dealing with workmen, with -- you know, inventors, like
- 16 Lorenzo Jones, not -- not somebody who writes a book on
- 17 how to win friends and influence people.
- 18 What's wrong with that analysis, that
- 19 that's what "useful arts" meant, that it always --
- 20 always was thought to deal with machines and inventions?
- 21 MR. JAKES: Certainly, "useful arts"
- 22 encompasses industrial processes, manufacturing
- 23 processes, but it has never been limited just to those
- 24 types of processes. I'll admit that during the
- 25 Industrial Revolution most of the inventions concerned

- 1 machines and manufacturing processes. But we have cited
- 2 counter-examples that show that business was also within
- 3 the useful arts.
- It's also up to Congress to decide how to
- 5 implement the patent system and the statutory scheme --
- 6 JUSTICE BREYER: Well, if you leave
- 7 something out, Congress can put it back in, tailoring
- 8 the protection to what they feel is necessary. But if
- 9 it covers everything under the sun, I've never seen a
- 10 case where Congress would take something out.
- Now, if we are relying on Congress, I guess
- 12 the circuit would say, let's go narrow, and we
- 13 won't have -- you know -- since you referred to
- 14 Congress, I thought I would bring that up and see what
- 15 you think.
- 16 MR. JAKES: Congress has acted in certain
- 17 circumstances. One of them is in section 273, to
- 18 provide prior user rights for business methods. Another
- 19 area is 287(c), where medical activities are also
- 20 exempted from remedies under the statute.
- 21 There has been a bill introduced to exempt
- 22 tax avoidance methods, but that has not yet been passed.
- 23 JUSTICE GINSBURG: But just so you would say
- 24 tax avoidance methods are covered, just as the process
- 25 here is covered. So an estate plan, tax avoidance, how

- 1 to resist a corporate takeover, how to choose a jury,
- 2 all of those are patentable?
- 3 MR. JAKES: They are eligible for patenting
- 4 as processes, assuming they meet the other statutory
- 5 requirements.
- 6 JUSTICE BREYER: So that would mean that
- 7 every -- every businessman -- perhaps not every, but
- 8 every successful businessman typically has something.
- 9 His firm wouldn't be successful if he didn't have
- 10 anything that others didn't have. He thinks of a new
- 11 way to organize. He thinks of a new thing to say on the
- 12 telephone. He thinks of something. That's how he made
- 13 his money.
- 14 And your view would be -- and it's new, too,
- 15 and it's useful, made him a fortune -- anything that
- 16 helps any businessman succeed is patentable because we
- 17 reduce it to a number of steps, explain it in general
- 18 terms, file our application, granted?
- 19 MR. JAKES: It is potentially patentable,
- 20 yes.
- 21 JUSTICE BREYER: Okay. Well then, if that
- 22 were so, we go back to the original purpose of the
- 23 Constitution. Do you think that the Framers would have
- 24 wanted to require anyone successful in this great, vast,
- 25 new continent because he thinks of something new to have

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- 2 competitor to do a search and then stop the wheels of
- 3 progress unless they get permission?
- 4 Is that a plausible view of the patent
- 5 clause?
- 6 MR. JAKES: No, Your Honor. I wouldn't
- 7 characterize it that way, but I do believe that --
- 8 JUSTICE SOTOMAYOR: So how do we limit it to
- 9 something that's reasonable? Meaning, if we don't
- 10 limit it to inventions or to technology, as some amici
- 11 have, or to some tie or tether, borrowing the Solicitor
- 12 General's phraseology, to the sciences, to the useful
- 13 arts, then why not patent the method of speed dating?
- 14 MR. JAKES: Well, first of all, I think,
- 15 looking at what are useful arts, it does exclude some
- 16 things. It does exclude the fine arts. Speaking,
- 17 literature, poems -- I think we all agree that those are
- 18 not included, and there are other things as well. For
- 19 example, a corporation, a human being -- these are
- 20 things that are not covered by the statutory categories.
- 21 JUSTICE SOTOMAYOR: So why are human
- 22 activities covered by useful arts?
- 23 MR. JAKES: Human activities are covered.
- 24 JUSTICE SOTOMAYOR: Well, you are saying
- 25 they are covered, but why should they be?

1	MR.	JAKES:	I	believe	the	statute	provides

- 2 for them to be covered by defining them as a process. I
- 3 can give you a -- one good example, which would be a
- 4 surgical method performed by a doctor. Those are
- 5 patentable. They are patent eligible. In section
- 6 287(c), Congress has carved out and said, you can't go
- 7 after the doctor for infringement, but that is an
- 8 entirely human activity, and it has long been
- 9 patentable.
- 10 JUSTICE SOTOMAYOR: Do you think that there
- is some benefit to society from patenting a method to
- 12 cure someone that involves just human activity, as
- 13 opposed to some machine, substance, or other apparatus
- 14 to help that process?
- MR. JAKES: Yes.
- JUSTICE SOTOMAYOR: Do you believe that that
- 17 was the intent of the patent law?
- 18 MR. JAKES: I believe that falls within the
- 19 useful arts, and I believe that there is an advantage to
- 20 that. There are really two advantages to the patent
- 21 system. One is encouraging people to come up with new
- 22 things, such as a surgical method or a method of hedging
- 23 consumption risk.
- 24 The other is the disclosure aspect. A
- 25 doctor might choose to keep it secret.

1	JUSTICE	BREYER:	So	you	are	going	to	answer

- 2 this question yes. You know, I have a great, wonderful,
- 3 really original method of teaching antitrust law, and it
- 4 kept 80 percent of the students awake. They learned
- 5 things --
- 6 (Laughter.)
- 7 JUSTICE BREYER: It was fabulous. And I
- 8 could probably have reduced it to a set of steps, and
- 9 other teachers could have followed it. That you are
- 10 going to say is patentable, too?
- 11 MR. JAKES: Potentially.
- 12 JUSTICE BREYER: Okay. Fine. Now, suppose
- 13 I reject that view, hypothetically, and suppose I were
- 14 to take the view that this is way too far, that that's
- 15 not the purpose of the statute. Suppose for
- 16 hypothetical's sake I'm still a little nervous about
- 17 that -- that circuit's decision there. Have you any
- 18 suggestion for me?
- 19 MR. JAKES: I think that we should go back
- 20 to the first principles that were enunciated in Diehr
- 21 and other cases, that abstract ideas per se are not
- 22 patentable. That's my position, and what I would
- 23 advocate in this case and in any case, as long as you're
- 24 --
- 25 CHIEF JUSTICE ROBERTS: What -- I'm looking

- 1 at your claim 1, in Joint Appendix page 19 to 20. How
- 2 is that not an abstract idea? You initiate a series of
- 3 transactions between commodity providers and commodity
- 4 consumers. You set a fixed price at the consumer end,
- 5 you set a fixed price at the other end, and that's it.
- I mean, I could patent a process where I do
- 7 the same thing. I initiate a series of transactions
- 8 with sellers. I initiate a series of transactions with
- 9 buyers. I buy low and sell high. That's my patent for
- 10 maximizing wealth.
- I don't see how that's different than your
- 12 claim number 1.
- 13 MR. JAKES: If that was a novel and
- 14 unobvious method, then it should be patentable, but it's
- 15 eliqible as subject matter --
- 16 CHIEF JUSTICE ROBERTS: Well, but your claim
- 17 1 it seems to me is classic commodity hedging that has
- 18 been going on for centuries.
- MR. JAKES: Your Honor, if that were true,
- 20 then we should run afoul of the obviousness provision
- 21 under section 103. Now, the Patent Office did initially
- 22 allow some of our claims over the prior art.
- JUSTICE KENNEDY: But you know that the
- 24 insurance industry -- the insurance business, as we know
- it, really began in England in 1680, when they

- 1 discovered differential calculus, and they had
- 2 expectancy and actuarial tables, actuarial for life,
- 3 expectancy for shipping, and this really created a whole
- 4 new industry.
- In your view, I think, clearly those would
- 6 be patentable, the -- the explanation of how to compile
- 7 an actuarial table and -- and apply it to risk. That
- 8 certainly would be patentable under your view, and
- 9 it's -- it's difficult for me to think that Congress
- 10 would want to -- would have wanted to give only one
- 11 person the capacity to issue insurance.
- MR. JAKES: I think that method would be
- 13 patent eligible. But, as you said, it would have to be
- 14 reduced to a concrete set of steps, like our claim 1.
- Now, claim 1 may be written in broad terms, and it may
- 16 some day run into the prior art, but it does require
- 17 people to do actual things.
- 18 I think even the Patent Office agreed that
- 19 there are physical steps in our method here. And in the
- 20 insurance method --
- 21 CHIEF JUSTICE ROBERTS: What -- I'm sorry.
- 22 Just -- what are the physical steps? Initiating a
- 23 series of transactions between commodity provider and
- 24 market participants?
- MR. JAKES: That would be one.

- 1 CHIEF JUSTICE ROBERTS: You get on the phone
- 2 and you call the baker, and you get on the phone and you
- 3 call the grocer and say: I can set up a deal for both
- 4 of you.
- 5 MR. JAKES: It could be. It could be done
- 6 that way because it does take a person acting to do
- 7 that. It's not purely --
- 8 JUSTICE KENNEDY: And so in the insurance
- 9 case, it takes a person to go over to the Bureau of
- 10 Statistics and compile statistics on -- on life -- on
- 11 life expectancy.
- 12 MR. JAKES: That could be. Now, a patent
- on the data -- that's another category that's not
- 14 included in the subject matter of those four categories.
- 15 The data itself is not patentable, but if it is a series
- of steps, it should be eligible as long as it meets the
- 17 other statutory requirements as a process.
- 18 There's nothing in the useful arts -- now,
- 19 we have heard the word "technology." That can be a
- 20 difficult term, because "technology" in its broadest
- 21 sense means the application of knowledge as opposed to
- 22 general knowledge.
- 23 JUSTICE GINSBURG: Isn't that the basis on
- 24 which the patent law rests in Europe, in other
- 25 countries? They do not permit business method patents.

- 1 It has to be tied to technology, to science or
- 2 technology. So if other systems are able to work with
- 3 the notion of technology-based, why not ours?
- 4 MR. JAKES: I would agree, Your Honor.
- 5 There are those systems that do have a requirement like
- 6 that. Ours does not. Ours speaks in very broad
- 7 terms about any --
- 8 JUSTICE GINSBURG: But I was talking about
- 9 -- you said that technology-based, that wouldn't work
- 10 because there are so many definitions. I'm simply
- 11 asking you the question: Does it work in these other
- 12 systems? That they -- they exclude business methods,
- 13 they include technology-based innovations.
- 14 MR. JAKES: That's right. But they have
- 15 also defined "technology" in such a way as to exclude
- 16 business methods. And I don't think we can do that.
- The fields of operations research,
- 18 industrial engineering, even financial engineering --
- 19 there has been an explosion in these particular fields,
- 20 and to now call them non-technological because they
- 21 didn't exist over 100 years ago wouldn't make --
- JUSTICE SOTOMAYOR: Are you suggesting they
- 23 didn't exist because we didn't give them patents
- 24 100 years ago?
- MR. JAKES: No.

- 1 JUSTICE SOTOMAYOR: Or they exist because
- 2 computers have increased --
- 3 MR. JAKES: It's very much related to our
- 4 current economy and state of technology, with computers
- 5 and the Internet and the free flow of information. But
- 6 that's what --
- JUSTICE SOTOMAYOR: No, but a patent limits
- 8 the free flow of information. It requires licensing
- 9 fees and other steps, legal steps. So you can't argue
- 10 that your definition is improving the free flow of
- 11 information.
- MR. JAKES: Your Honor, I would, because of
- 13 the disclosure requirement of the patent laws. It
- 14 requires people to disclose their inventions rather than
- 15 keeping them secret, so there is a second benefit to the
- 16 patent system just other than encouraging people to
- 17 invent, and that is to have that information get to the
- 18 public generally. And in exchange for that --
- 19 JUSTICE SCALIA: Even though the public
- 20 can't use it, right, until the patent expires?
- 21 MR. JAKES: Until the patent expires, if a
- 22 valid patent issues on that, yes.
- 23 But that's our system. We do give exclusive
- 24 rights in exchange for that information being provided
- 25 to the public.

1	JUSTICE	STEVENS:	Mav I	ask	this	question?

- 2 What do you think the strongest case from our
- 3 jurisprudence is that supports your position?
- 4 MR. JAKES: I would say it's the Diehr case.
- JUSTICE STEVENS: Which one?
- 6 MR. JAKES: Diehr. Diamond v. Diehr.
- 7 JUSTICE STEVENS: Diehr?
- 8 MR. JAKES: Yes.
- 9 JUSTICE STEVENS: That's, of course, nothing
- 10 like this patent.
- MR. JAKES: No, it's not, but I think it --
- 12 JUSTICE STEVENS: There's language in the
- 13 opinion.
- MR. JAKES: It outlines the general
- 15 principles --
- 16 JUSTICE STEVENS: Yes.
- 17 MR. JAKES: -- and also tells us that there
- 18 are only these specific things that are not included
- 19 within the subject matter.
- 20 JUSTICE STEVENS: But is it correct that
- 21 there's none -- none of our cases has ever approved a
- 22 rule such as you advocate?
- 23 MR. JAKES: I don't think this particular
- 24 subject matter has been ruled on by the Court.
- Now, in Dann v. Johnston in the seventies,

- 1 there was a case that could have been decided on the
- 2 grounds that it was a method of doing business, and
- 3 instead the Court chose to decide that case based on
- 4 obviousness. And really --
- 5 JUSTICE SCALIA: You know, you mention that
- 6 there are all these -- these new areas that didn't exist
- 7 in the past because of modern business and whatnot, but
- 8 there are also areas that existed in the past that don't
- 9 exist today. Let's take training horses. Don't you
- 10 think that -- that some people, horse whisperers or
- 11 others, had some, you know, some insights into the best
- 12 way to train horses? And that should have been
- 13 patentable on your theory.
- MR. JAKES: They might have, yes.
- 15 JUSTICE SCALIA: Well, why didn't anybody
- 16 patent those things?
- 17 MR. JAKES: I think our economy was based on
- 18 industrial process.
- 19 JUSTICE SCALIA: It was based on horses, for
- 20 Pete's sake. You --
- 21 (Laughter.)
- JUSTICE SCALIA: You would really have
- 23 thought somebody would have patented that.
- 24 MR. JAKES: There are also issues with
- 25 enforcement. I can't really answer why somebody

- 1 wouldn't have.
- 2 There are teaching methods that were
- 3 patented. There are a number of them that we've
- 4 included in our brief where there were patents issued
- 5 for teaching methods, and I don't think that we've had a
- 6 serious enforcement problem with people being sued for
- 7 using teaching methods. But there have been those
- 8 people who have sought to patent them rather than keep
- 9 them as secrets or just use them.
- 10 JUSTICE SCALIA: How old -- how old were
- 11 those -- those cases?
- 12 MR. JAKES: They range. Some of them go
- 13 back quite a ways, to the last century.
- 14 JUSTICE STEVENS: May I ask this general
- 15 question, too? I have always admired Judge Rich, who
- 16 was very active in drafting the '52 amendment.
- 17 MR. JAKES: Yes.
- 18 JUSTICE STEVENS: Has he written anything on
- 19 this particular issue?
- 20 MR. JAKES: He has written a number of
- 21 things. And I think one of the things that the
- 22 Solicitor General quotes in their brief is from an
- 23 article that he wrote.
- 24 But he also wrote the Alappat decision and
- 25 the State Street Bank case as well and those that I

- 1 think stand as his views, his latest views on what was
- 2 patent-eligible subject matter, looking at the State
- 3 Street Bank case.
- 4 JUSTICE KENNEDY: In the Diehr case, the
- 5 Court said that in the end, the abstract idea must be in
- 6 a process that, oh, implements a proposal that the
- 7 patent laws were designed to protect, which brings you
- 8 almost back to the beginning. You don't --
- 9 MR. JAKES: It does.
- JUSTICE KENNEDY: You don't know much from
- 11 that language. But that was something that you could
- 12 touch, that you could see, that looked like a machine;
- 13 the substance was different before the process and after
- 14 the process. And -- and none of that's applicable here.
- 15 It's --
- 16 MR. JAKES: The Diehr invention was an
- 17 industrial process of the conventional type, because it
- 18 was a method of curing rubber. But today the raw
- 19 materials are just as likely to be information or
- 20 electronic signals, and to simply root us in the
- 21 industrial era because that's what we knew I think would
- 22 be wrong and contrary to the forward-looking aspect of
- 23 the patent laws.
- 24 JUSTICE SOTOMAYOR: Well, isn't the
- 25 manipulation of electronic signals a substance that's

- 1 different in kind from just a method of how to go about
- 2 doing business or a method of how to approach a
- 3 particular problem?
- Isn't there -- isn't that what the Federal
- 5 Circuit was trying to explain, which is that there has
- to be something more substantive than the mere exchange
- 7 of information; that it has to involve -- it used the
- 8 word "transformation." It hasn't defined the outer
- 9 limits of what it means by that.
- 10 MR. JAKES: I think there is a difference.
- 11 But by rigidly looking at that transformation test, what
- 12 you do is you exclude lots of other things where the
- 13 transformation is not required --
- 14 JUSTICE BREYER: That's exactly what I --
- 15 maybe I can get you to inadvertently help by -- a
- 16 hypothesis you don't like. That's why I say it's
- 17 inadvertent.
- 18 You said there are two things. There are
- 19 actually four things in the patent law which everyone
- 20 accepts. There are two that are plus and two that are
- 21 minus. And the two that are plus is by giving people a
- 22 monopoly, you get them to produce more. As you said,
- 23 you get them to disclose.
- 24 The two minuses are they charge a higher
- 25 price, so people use the product less; and moreover, the

- 1 act of getting permissions and having to get permission
- 2 can really slow things down and destroy advance. So
- 3 there's a balance.
- In the 19th century, they made it one
- 5 way in respect to machines. Now you're telling us:
- 6 Make it today in respect to information. And if you ask
- 7 me as a person how to make that balance in respect to
- 8 information, if I am honest, I have to tell you: I
- 9 don't know. And I don't know whether across the board
- 10 or in this area or that area patent protection will do
- 11 no harm or more harm than good.
- 12 So that's the true situation in which I find
- 13 myself in respect to your argument. And it's in respect
- 14 to that, I'd say: All right, so what do I do?
- 15 MR. JAKES: I think the answer is to follow
- 16 the statute.
- 17 JUSTICE BREYER: Well, thank you. I thought
- 18 that was the issue, not the answer.
- 19 (Laughter.)
- 20 MR. JAKES: Congress has spoken in broad
- 21 terms and given us those four categories, and by looking
- 22 at those, I think that answers the question.
- JUSTICE SOTOMAYOR: But it doesn't, because
- 24 we don't work in a vacuum. We work in a context.
- MR. JAKES: Yes.

- 1 JUSTICE SOTOMAYOR: And so it begs the
- 2 question, because we go around in a circle: What does
- 3 "process" mean in a patent law that was passed in 1952
- 4 that had one set of manufacturing and other items that
- 5 are technologically tied and this is not? So how do we
- 6 discern Congress's intent, other than by the use of the
- 7 word "process" in context?
- 8 MR. JAKES: I think that "process" is not by
- 9 itself. It says "any new and useful process." And so
- 10 we have -- we can look at those words and understand
- 11 that natural phenomena, laws of nature, which are not
- 12 really new because they are part of the storehouse of
- 13 knowledge available to everyone, and "useful," meaning
- 14 there has to be a practical application.
- 15 JUSTICE SOTOMAYOR: But the word "knowledge"
- 16 is not used in the act. So it's not just useful
- 17 knowledge.
- 18 MR. JAKES: No.
- 19 JUSTICE SOTOMAYOR: It's useful knowledge in
- 20 relationship to something.
- 21 MR. JAKES: Practically applied, yes, in the
- 22 real world, whether that's the exchange of information
- 23 or electronic data transformation. One of the problems
- 24 with the transformation test is that it would exclude
- 25 some valuable inventions that I think everyone would

- 1 agree are technological under any test such as data
- 2 compression, such as FM radio. Even Bell's claim, the
- 3 claim to transmitting sound using undulating current,
- 4 wouldn't necessarily pass the transformation test. So I
- 5 think we need to look at --
- JUSTICE SOTOMAYOR: Well, if that's --
- 7 JUSTICE KENNEDY: But it would be different,
- 8 it seems to me, than what you are -- let's assume you
- 9 can't patent an alphabet. I assume that's true. And
- 10 you can take an alphabet to make beautiful words, and --
- 11 and so forth. You -- you want to say that these --
- 12 these electronic signals can be used in a way just like
- 13 the alphabet can be used.
- 14 And many of the scientific briefs say that
- 15 their process is different, that they are taking
- 16 electronic signals and turning them into some other sort
- 17 of signal. But that's not what you are doing.
- 18 MR. JAKES: That may be, but those signals
- 19 could also be transmitted. On -- on your question about
- 20 the alphabet, you said look at the Morse claim 5, which
- 21 was an alphabet to Morse Code. That's exactly what it
- 22 was. It was --
- 23 CHIEF JUSTICE ROBERTS: So you reject -- you
- 24 reject the substitute. You think you can patent an
- 25 alphabet because it is a process of forming words.

1	MR.	JAKES:	Ιt	could	be.	ves.	Now.	Ι	thin	Κ

- 2 you run into all kinds of other problems. And that's
- 3 really where the focus of the patent statute should be,
- 4 so that we have the fair give-and-take, the bargain that
- 5 is necessary, that we -- too much overpatenting as
- 6 opposed to too little. The test there is obviousness.
- 7 That's where it takes place, not at this threshold.
- 8 JUSTICE SOTOMAYOR: Morse's code was not
- 9 obvious.
- 10 MR. JAKES: What is that?
- 11 JUSTICE SOTOMAYOR: Morse's code was not
- 12 obvious, and yet --
- MR. JAKES: No, it wasn't.
- 14 JUSTICE SOTOMAYOR: As I understand that
- 15 case, the only thing patented was the use of his code
- 16 with respect to the telegraph machine that he proposed.
- 17 The Patent Office rejected -- maybe I am reading the
- 18 case wrong, but it rejected all of the claims except
- 19 those that related to the use of the code with a
- 20 particular machine.
- 21 MR. JAKES: It -- it does say used in
- 22 connection with telegraphy.
- 23 JUSTICE SOTOMAYOR: Of his claims --
- MR. JAKES: Yes.
- JUSTICE SOTOMAYOR: -- that was the only one

- 1 that was accepted, correct?
- 2 MR. JAKES: Well --
- JUSTICE SOTOMAYOR: The same thing with --
- 4 well, Bell's patent was --
- 5 MR. JAKES: In Morse's claims, I believe it
- 6 was claim 8 was the one that was rejected, and the rest
- 7 of them were accepted. Claim 8 was the very broad claim
- 8 to transmitting information over a distance, however
- 9 accomplished.
- 10 JUSTICE SOTOMAYOR: Let's not skip over
- 11 that, because the rest of the claim in Bell related to
- 12 how to transmit over the wire, correct?
- MR. JAKES: His disclosure did, but his
- 14 actual claim was interpreted as being using undulating
- 15 current to transmit sound, however that was
- 16 accomplished. It was very broad, and that's why --
- 17 JUSTICE SOTOMAYOR: And that was what was
- 18 rejected.
- MR. JAKES: No. Bell's claim was not
- 20 rejected. That one was approved, yes. The Morse claim,
- 21 claim 8, was the broad claim that really we would
- 22 probably look at today as being -- as having inadequate
- 23 disclosure because --
- 24 JUSTICE SCALIA: Well, it was -- it was
- 25 transforming sound into electrical current and then at

- 1 the other end electrical current back into sound. I
- 2 mean it met the transformation test, didn't it?
- 3 MR. JAKES: It might have. It might have.
- 4 JUSTICE SCALIA: It clearly did.
- 5 MR. JAKES: Well, it's not that clear from
- 6 the Federal Circuit's transformation test whether that
- 7 would apply or not, because although the Federal Circuit
- 8 has said transformation of data might qualify, it said
- 9 it has to represent something physical, something -- a
- 10 real object. And sound doesn't necessarily have to be
- 11 that. Sound can be generated artificially. So --
- 12 JUSTICE SCALIA: Sound -- sound is not
- 13 physical, and electric current is not physical?
- 14 MR. JAKES: I think electric current is
- 15 physical.
- JUSTICE SCALIA: Yes, I think so.
- MR. JAKES: Yes.
- 18 JUSTICE SCALIA: Sound is, too.
- MR. JAKES: It can be, but when it's
- 20 transmitted over a wire, it's not. It's something else.
- 21 It's an electrical current then.
- JUSTICE SCALIA: Sound is not transmitted
- 23 over the wires. Sound has been transformed into
- 24 current, and current is transmitted over the wire and
- 25 then transformed back at the other end into sound.

1	MR. JAKES: Yes, and I would agree
2	JUSTICE SCALIA: I think it clearly
3	clearly would have been covered by by the test the
4	government
5	MR. JAKES: I think that's more in the
6	nature of transmission, much like our data transmission.
7	You might transmit data in a packet without actually
8	changing the underlying data, and that should be allowed
9	as well.
10	If there are no questions, I'll reserve
11	the rest of my time. Thank you.
12	CHIEF JUSTICE ROBERTS: Thank you, Mr.
13	Jakes.
14	Mr. Stewart.
15	ORAL ARGUMENT OF MALCOLM L. STEWART
16	ON BEHALF OF THE RESPONDENT
17	MR. STEWART: Mr. Chief Justice, and may it
18	please the Court:
19	Let me start by following up on the

- 20 discussion of the Morse and the telephone cases, because
- 21 it's certainly our view that those would come out the
- 22 same way under our test as -- as they actually did in
- 23 practice.
- JUSTICE SCALIA: I certainly hope so.
- MR. STEWART: Yes.

- MR. STEWART: And, you know, Justice Scalia,
- 3 you mentioned how to win friends and influence people.
- 4 I think at a certain level of generality you could
- 5 describe both Dale Carnegie and Alexander Graham Bell as
- 6 people who devised methods of communicating more
- 7 effectively.
- 8 The reason that Bell's method was patentable
- 9 was that it operated in the realm of the physical. Bell
- 10 had devised a process implemented through machines by
- 11 which sound was transformed into electronic current.
- 12 Current was then transmitted over a distance and
- 13 transformed back into sound.
- 14 Innovations as to new techniques of public
- 15 speaking, new techniques of negotiations, techniques
- 16 that go to the substance of what is said may be
- 17 innovative. They may be valuable. They are not patent
- 18 eligible because they don't deal in the realm of the
- 19 physical.
- 20 So while the industrial processes that we
- 21 discussed at some length in our brief were at the time
- 22 of the framing the paradigmatic patent eligible
- 23 processes, they were -- they are not the only processes
- 24 that can be patented. In a --
- JUSTICE ALITO: Near -- near the end of your

- 1 Brief, you argue that -- that the patent here is -- is
- 2 not -- is unpatentable on the independent ground that it
- 3 would pre-empt the abstract idea of hedging consumption
- 4 risk. If you -- if you are right about that, is this a
- 5 good case for us to get into these -- into the very
- 6 broad issue that Petitioner has raised?
- 7 MR. STEWART: I -- I think we would
- 8 certainly prefer to win on our primary ground, and let
- 9 me say a couple of things about that. First, we would
- 10 fairly vigorously resist the notion that the rule that
- 11 was announced by the Federal Circuit is rigid or
- 12 inflexible. That is, all that the Federal Circuit has
- 13 really said is that to have a patent-eligible process
- 14 you have to identify some link to a machine or a
- 15 transformation of matter. And the Federal Circuit has
- 16 said with respect to some processes the link to the
- 17 machine may be so attenuated, the machine part of the
- 18 process may be such a small segment of the process as a
- 19 whole, that this wouldn't be enough. But the Federal
- 20 Circuit said: We leave for another day the hard
- 21 questions that will arise when part of the process is
- 22 machine-implemented and another part is not.
- 23 And in order for the PTO and the Federal
- 24 Circuit to go about the business of devising more
- 25 precise rules as to when particular links to machines

- 1 are sufficient to create patent eligibility, we first
- 2 need to establish the -- the basic principle that some
- 3 link to a machine or transformation is necessary. So I
- 4 think we -- we have made the alternative argument in our
- 5 brief, and I think it is a basis for affirmance.
- 6 But if the Court decided the case on that
- 7 basis, we would lose at least the -- the limited clarity
- 8 that the Federal Circuit's opinion has provided; that
- 9 is, it would still be open to people in the future to
- 10 devise new contractual arrangements designed to allocate
- 11 risks, new methods of teaching antitrust, and --
- 12 JUSTICE SOTOMAYOR: How about if we say
- 13 something as simple as patent law doesn't cover business
- 14 methods, instead of what the Federal Circuit has begun
- 15 to say, which is technology is tied to a machine or a
- 16 transformation of the substance? But I have no idea
- 17 what the limits of that ruling will impose in the
- 18 computer world or the biomedical world. All of the
- 19 amici were talking about how it will destroy industries.
- 20 If we're unsure about that, wouldn't the safer practice
- 21 be simply to say it doesn't involve business methods?
- MR. STEWART: I think that would be
- 23 incorrect, and it would create problems of its own.
- 24 That is, the -- the innovation that was held to be
- 25 patent eliqible in State Street Bank was not a process.

- 1 The Federal Circuit was not construing the statutory
- 2 term "process." It was construing the statutory term
- 3 "machine." And it said, in essence, a computer that has
- 4 been programmed to perform various calculations in
- 5 connection with the operation of this business is a
- 6 machine.
- 7 It went on to say the opposing party in that
- 8 case had not raised any objection under section 102 or
- 9 103, and, therefore, the Federal Circuit --
- 10 JUSTICE SOTOMAYOR: No ruling in this case
- 11 is going to change State Street --
- 12 MR. STEWART: Well --
- JUSTICE SOTOMAYOR: -- because it wasn't
- 14 looking at process or the meaning of "process." It was
- 15 looking at something else.
- MR. STEWART: Well, again, I think that the
- 17 invention that was held to be patent eligible in State
- 18 Street is commonly described as a business method, even
- 19 though it was held to be patent eligible as a machine
- 20 rather than as a process.
- 21 So, to say that business methods are
- 22 categorically ineligible for patent protection would
- 23 eliminate new machines, including programmed computers,
- 24 that are useful because of their contributions to the
- 25 operation of businesses. And similarly, the court --

- 1 the Federal Circuit in other cases has held that a claim
- 2 to new and innovative computer software may be held
- 3 patentable as a process, as a method of accomplishing
- 4 particular tasks through the use of a computer, and
- 5 those might be business-related tasks. So, to say that
- 6 business methods were ruled out would itself be a fairly
- 7 sweeping holding.
- 8 JUSTICE SCALIA: Also you could say business
- 9 methods apart from machines are not patentable. How
- 10 about that?
- 11 MR. STEWART: If the Court said that in the
- 12 limited area of business methods, if there is no machine
- 13 or transformation, there is no patent eligibility --
- 14 JUSTICE BREYER: Suppose you say this. I'm
- 15 just testing things out. Start with Diehr. I
- 16 mean -- and Diehr has these words in it, similar words;
- it just says "e.g." -- are you following me?
- MR. STEWART: Yes.
- 19 JUSTICE BREYER: Okay. Now, you say what is
- 20 it they have done in this case in the Federal Circuit?
- 21 They have pulled back. That's a mood. That's a mood.
- 22 They've pulled back insofar as they are pulling back
- 23 from business methods, not machines, dah, dah, dah, dah,
- 24 dah. Okay? You say we see no problem with that.
- Now, they have left much unresolved. One,

- 1 transformation; how broad or narrow is that? We don't
- 2 know. Many people's problems will be solved if it's
- 3 either broad on the one hand or narrow in the other.
- 4 Two, are you automatically patented -- in
- 5 the patent statute, if you just sort of reduce this to a
- 6 machine by adding a computer on at the end? They've
- 7 flagged that as a problem. They haven't answered it.
- 8 Could there ever be a situation where it doesn't meet
- 9 this test but still is patentable? We're not sure.
- 10 MR. STEWART: Let me take those points --
- JUSTICE BREYER: Yes.
- 12 MR. STEWART: -- in the order that you made
- 13 them.
- 14 JUSTICE BREYER: Do you see what I'm trying
- 15 to do? I'm trying to note the things that have been
- 16 raised in these 80 briefs insofar as possible, say
- 17 there's a lot there for the future that we can't really
- 18 decide, but say as a pull back, okay.
- MR. STEWART: Let me address those points in
- 20 order. The first thing is that in Diehr when you had
- 21 the "e.g." cite, it was "e.g., transforming an article
- 22 into a different" state of -- state or thing. And I
- 23 think the obvious inference is "e.g." was used because
- 24 the other prong of the machine-or-transformation test is
- use as a machine. That is, in the context of Mr.

- 1 Morse's invention or Mr. Bell's invention, there is
- 2 transformation of a sort, but it wouldn't naturally be
- 3 characterized as transformation of matter.
- 4 Those things were held to be patent eligible
- 5 not because they transformed matter, but because they
- 6 involved the use of a machine. And so, what the Court
- 7 in Diehr said transformation of a matter or an article
- 8 into a different state or thing is the clue to the
- 9 patentability of a process that doesn't involve a
- 10 particular machine.
- 11 And the -- the type of process it had in
- 12 mind was the process that was described in Corning v.
- 13 Burden or the process in Cochrane v. Deener, situations
- 14 in which an individual had devised a method of, in one
- 15 sense -- one case, it was manufacturing flour, and in
- 16 another case it was rolling puddle balls, of
- 17 manufacturing items. And that person said, here is the
- 18 series of steps that you have to go through, but it's
- 19 not essential that you use any particular tool or
- 20 machine for each of these steps. That was why the
- 21 word --
- 22 CHIEF JUSTICE ROBERTS: Mr. Stewart, I
- 23 thought I understood your argument up until the very
- 24 last footnote in your brief. And you say this is not --
- 25 simply the method isn't patentable because it doesn't

- 1 involve a machine. But then you say but it might be if
- 2 you use a computer to identify the parties that you are
- 3 setting a price between and if you used a microprocessor
- 4 to calculate the price. That's like saying if you use a
- 5 typewriter to type out the -- the process, then it is
- 6 patentable. I -- I -- that takes away everything
- 7 that you spent 53 pages establishing.
- 8 MR. STEWART: Well, I guess there -- there
- 9 were two different places, I believe, at which we
- 10 identified ways in which this sort of hedging scheme
- 11 might be made patent eligible. The first is we
- 12 described a hypothetical interactive Website in which
- 13 people -- parties and counterparties could essentially
- 14 find each other by the computer and could agree to terms
- 15 on that basis. And in that situation, the -- the
- 16 computer would be at the heart of the innovation. It
- 17 would be --
- 18 CHIEF JUSTICE ROBERTS: No, no. That's just
- 19 saying instead of looking at the -- in the Yellow Pages,
- 20 you look on the computer. And that makes all the
- 21 difference to you?
- MR. STEWART: I think an -- an interactive
- 23 computer technique, one in which you sign on and can
- 24 find people without tracking them down specifically, can
- 25 simply identify yourself on the Website as somebody

- 1 who is interested in engaging in a particular
- 2 transaction and a potential counterparty can find you,
- 3 is different from the Yellow Pages.
- 4 But I guess the fundamental point I would
- 5 make is -- and this is really responsive to the second
- 6 part of Justice Breyer's question -- I think it is both
- 7 a virtue and a vice of the test that the Federal Circuit
- 8 has announced and that we are advocating that it doesn't
- 9 solve all the hard questions. That is, the Federal
- 10 Circuit has said since this particular patent applicant
- 11 didn't identify any machine or any transformation that
- 12 would be necessary to the accomplishment of its method,
- 13 that person is out of luck, and, therefore, it's
- 14 inappropriate for us to go on to decide kind of the
- 15 precise level of substantiality that a machine or
- 16 transformation must play --
- 17 CHIEF JUSTICE ROBERTS: But if you look at
- 18 your footnote, that involves the most tangential and
- 19 insignificant use of a machine. And yet you say that
- 20 might be enough to take something from patentability to
- 21 not patentable?
- MR. STEWART: And all we've said is that it
- 23 might be enough; that is, hard questions will arise down
- the road as to where do you draw the line, to what
- 25 extent must the machine or the transformation be

- 1 central --
- 2 CHIEF JUSTICE ROBERTS: So you think it's a
- 3 hard question. If you develop a process that says look
- 4 to the historical averages of oil consumption over a
- 5 certain period and divide it by 2, that process would
- 6 not be patentable. But if you say use a calculator,
- 7 then it -- then it is?
- 8 MR. STEWART: I think if it's simply using a
- 9 calculator for its pre-existing functionality to crunch
- 10 numbers, very likely that would not be enough. What
- 11 we see in some analogous areas is that the computer will
- 12 be programmed with new software. It will be given
- 13 functionality it didn't have before in order to allow it
- 14 to perform a series of calculations, and that gets
- 15 closer to the line. And, again --
- 16 CHIEF JUSTICE ROBERTS: But your
- 17 footnote -- I don't mean to dwell on it -- it says to
- 18 identify counterparties to the transactions. So that if
- 19 what you're trying to get is the -- the baker who sells
- 20 bread, because you are going to hook him up with the
- 21 grocer who sells, you know, in the grocery store, if you
- 22 punched in, in your search station -- you know, give me
- 23 all the bakers in Washington -- that would make it
- 24 patentable?
- MR. STEWART: Again, we are -- we are not

- 1 saying it would be patent eligible. We would have to
- 2 review those facts, and the PTO would have to review
- 3 those facts in the context of an actual application.
- I guess the point I'm trying to make is
- 5 simply that we don't want the court, for instance, in
- 6 the area of software innovations or medical diagnostic
- 7 techniques to be trying to use this case as the vehicle
- 8 for identifying the circumstances in which innovations
- 9 of that sort would and would not be patent eligible,
- 10 because the case really doesn't present any -- any
- 11 question regarding those technologies. And, therefore,
- 12 we --
- JUSTICE SOTOMAYOR: Now, if it veers the
- 14 other way, which is by saying that we exclusively rely
- on the machine-or-transformation test, that we're
- 16 precluding applications of the patent law in those
- 17 fields, the things we can't imagine. Once you announce
- 18 an exclusive test, you're shoe-horning technologies that
- 19 might be different.
- MR. STEWART: I guess I would say a couple
- 21 of different things. The first is that it seems
- 22 unlikely, even with new and rapidly emerging
- 23 technologies, that somebody would come up with a system
- 24 that seems for patent purposes analogous to the
- 25 inventions that have been patent eligible in the past

- 1 that didn't involve any machine and that didn't involve
- 2 any transformation.
- 3 Having said that, I would note that in both
- 4 Benson and in Flook, the Court held open the possibility
- 5 that some unforeseen event could take place that
- 6 would -- as to which the application would be patent
- 7 eligible, even though the machine-or-transformation
- 8 test --
- 9 JUSTICE SOTOMAYOR: All right. So help us
- 10 with a test that doesn't go to the extreme the Federal
- 11 Circuit did, which is to preclude any other items,
- 12 something we held open explicitly in two other cases, so
- 13 we would have to backtrack and say now we are ruling
- 14 that we were wrong, and still get at something like
- 15 this?
- MR. STEWART: Well, I think the Court could
- 17 say -- could do essentially what was done in Benson and
- 18 Flook, namely acknowledge that there had never been a
- 19 case up to this point in which a process had been held
- 20 patent eligible that didn't involve a machine or a
- 21 transformation. It could leave open the possibility
- that some new and as yet unforeseen technology could
- 23 necessitate the creation of an exception.
- 24 But -- and the point we would also make is
- 25 this seems to be a very unlikely candidate for such an

- 1 exception, because the hedging method that Petitioners
- 2 have -- for which they have sought a patent is in no
- 3 sense different in kind from risk management techniques
- 4 that have been undertaken for centuries.
- 5 JUSTICE SOTOMAYOR: Well, but that -- that
- 6 goes back to, not 101, but 102 and 103. That goes back
- 7 to obviousness or the standard weeding mechanisms for
- 8 patents.
- 9 MR. STEWART: Well, this may or may not be a
- 10 novel or nonobvious method. But even if we assume that
- 11 this is nonobvious for purposes of section 103, in that
- 12 it represents a sufficient advance over the prior art,
- 13 that people skilled in the art would not necessarily
- 14 have come up with it, it still is a different in kind
- 15 from risk management techniques that have taken place in
- 16 this country for -- for 200 years. It is -- it is --
- 17 JUSTICE GINSBURG: Mr. Stewart, did you --
- 18 did the government put forward this
- 19 machine-or-transformation test? Was that your test, or
- 20 was it the Federal Circuit's on its own?
- 21 MR. STEWART: The Federal Circuit, sua
- 22 sponte, set the case for hearing en banc. I believe the
- 23 case had been argued to a panel, but had not been
- 24 decided, and the Federal Circuit set the case for
- 25 reargument en banc, posed a number of questions to

- 1 the -- the parties and the government did advocate the
- 2 machine-or-transformation test.
- JUSTICE GINSBURG: Tell me what your --
- 4 CHIEF JUSTICE ROBERTS: I'm sorry. Did or
- 5 did not?
- 6 MR. STEWART: It did. It did advocate the
- 7 machine-or-transformation.
- 8 JUSTICE GINSBURG: You did -- and if you
- 9 read Judge Mayer's opinion, it has a simplicity to it.
- 10 It says, if it's technology, then its within the realm
- 11 of patent, and if it's not technology, it isn't. If
- 12 it's based on science or technology -- and that seems to
- 13 be what is used in other places.
- 14 MR. STEWART: I don't know that our test --
- 15 I think our test, in a sense, has a shorthand version of
- 16 that. I don't know that focusing the inquiry directly
- 17 on whether technology is involved would make the inquiry
- 18 easier, and that is so for two reasons.
- 19 First, people could dispute whether
- 20 particular advances are properly regarded as
- 21 technological advances, and, second, we would still have
- 22 the difficult problems that the Chief Justice has
- 23 referred to, where you have a process that is described
- 24 as involving technology at some step along the way, and
- 25 courts will still have to make the determination, is

- 1 that a sufficiently substantial step to make the
- 2 process, as a whole, a technological one.
- 3 So I don't think that, by adopting a
- 4 technological arts test, the Court would avoid the
- 5 difficulties that it has appropriately identified with
- 6 the machine-or-transformation test.
- 7 The other thing I would say about the
- 8 machine-or-transformation test is this is not a
- 9 government position of recent vintage; that is, the
- 10 government's brief to this Court in Gottschalk v. Benson
- 11 -- or its reply brief, which was filed around 1971 --
- 12 basically said, although this Court has never announced
- 13 machine or transformation of the test, that is the
- 14 principle that can be abstracted from the totality of
- 15 the Court's decisions.
- 16 JUSTICE KENNEDY: Was the State Street case
- 17 a machine-or-transformation test?
- 18 MR. STEWART: It would --
- JUSTICE KENNEDY: You talk about the State
- 20 Street case in your brief, and it's complicated because
- 21 of the Federal statute that followed it. If you had
- 22 just the facts of State Street before us, and forgetting
- 23 the Federal statute was enacted after it, how would you
- 24 decide this case?
- MR. STEWART: Oh, it would come out the same

- 1 way. I mean, State Street Bank --
- 2 JUSTICE KENNEDY: That's what I thought.
- 3 And is it -- is it machine or transformation, in your
- 4 view?
- 5 MR. STEWART: Well, it was machine -- that
- 6 is, in State Street Bank, the claim was not to a process
- 7 within the meaning of section 101. The claim was not to
- 8 a method of accomplishing things by means of a computer,
- 9 which would be, potentially, a process. It was to the
- 10 computer itself, the programmed computer, that the
- 11 innovation in State Street Bank was that the devising of
- 12 new computer programs that allowed the computer to
- 13 perform various tasks in association with the carrying
- 14 out of the hub-and-spokes investment -- investment
- 15 method. And, certainly --
- 16 CHIEF JUSTICE ROBERTS: So what did that --
- 17 what did that transform?
- 18 MR. STEWART: It didn't transform anything,
- 19 but it would fit -- the transformation part would be
- 20 irrelevant because the machine-or-transformation test
- 21 is, in our view, the appropriate rubric to apply in
- 22 construing the statutory term process, that is, when the
- 23 person doesn't say, I have invented a new machine, but,
- 24 rather, says, I've identified a new process for
- 25 accomplishing things.

- 1 If a person claims to be -- to have invented
- 2 a new machine, then that -- it is either a machine or it
- 3 isn't. A computer is certainly a machine. Really, the
- 4 only -- I think the only --
- 5 JUSTICE STEVENS: I don't understand how
- 6 that can be a patent on a machine if the only thing
- 7 novel is the process that the machine is using.
- 8 Isn't -- isn't the question -- really, the question
- 9 there was whether the new process was patentable.
- 10 MR. STEWART: Well, I think what -- the
- 11 argument that the other side, the person challenging the
- 12 patent in State Street could have made, but apparently
- 13 didn't, was the person could have said, of course, the
- 14 computer is a machine, but a computer programmed with
- 15 new software to perform different functions is not a new
- 16 machine. It's not a different machine from the one
- 17 that has always -- not always, but that has already
- 18 existed, and therefore, it doesn't satisfy section 1 or
- 19 section -- 102 or section 103, but that --
- JUSTICE KENNEDY: Well, that was one of the
- 21 reasons I asked you about it, I suppose. Just looking
- 22 at the whole case, do you think the State Street
- 23 holding -- the State Street invention was patentable?
- 24 MR. STEWART: It was -- the way I would put
- 25 it is: The State Street Bank analysis of the question

- 1 that was actually presented to it was correct; that is,
- 2 the argued was made the programmed computer is
- 3 patentable as a machine --
- 4 JUSTICE KENNEDY: How would you come out in
- 5 the State Street case today, if all of the arguments
- 6 were made under your test?
- 7 MR. STEWART: Well, under our test, we would
- 8 come out the same way because the computer would be a
- 9 machine. The only question would be whether the
- 10 programming of the computer with new software caused it
- 11 to be a patentable different machine from the one that
- 12 existed previously.
- Now -- now, we do think that software
- 14 innovations can have the effect of causing the computer
- 15 to be a different, special purpose computer, as the
- 16 phrase --
- 17 JUSTICE STEVENS: I'm sorry. I must be
- 18 awfully stupid. You say it would come out the same way.
- 19 In the same way the court did or this way you argued?
- 20 MR. STEWART: I think the same -- the
- 21 Federal Circuit's decision in State Street would come
- 22 out the same way under our test.
- 23 JUSTICE STEVENS: And you think it should?
- 24 You think it should?
- MR. STEWART: Yes, but, again, the point I

- 1 would emphasize --
- JUSTICE STEVENS: I don't understand why
- 3 that isn't just the application of a process, which --
- 4 which is not itself patentable subject matter, to a
- 5 particular machine that can use the process --
- JUSTICE KENNEDY: That's -- that's a problem
- 7 I have.
- 8 MR. STEWART: Well, I guess -- let me
- 9 backtrack. If you look at the text of the statute --
- 10 it's reproduced at page 2 of the Blue Brief -- and it
- 11 says -- it's right in the middle of the page. "Whoever
- 12 invents or discovers any new and useful process,
- 13 machine, manufacture, or composition of matter is
- 14 potentially entitled to" --
- JUSTICE BREYER: So I thought you were
- 16 saying that the correct argument for the people
- 17 attacking the patent in that case was to say, this is
- 18 not a machine. The machine there is a computer. This
- 19 is a program that changes switches, and that is a
- 20 different process for the use of the machine.
- Now, whether that process is or is not
- 22 patentable depends upon a lot of things that we don't
- 23 have to go into in this case. Is that right?
- 24 MR. STEWART: I don't -- no. I don't think
- 25 that is what I was saying.

- 1 JUSTICE BREYER: Okay. Well, then what is
- 2 right?
- MR. STEWART: What I was saying is that --
- 4 and I guess the -- the first point I would make is, when
- 5 somebody claims to have invented a new machine, the
- 6 transformation test really has nothing to do with the
- 7 inquiry because a -- a better television or a better DVD
- 8 player can be patented as a machine, even though
- 9 transformation of matter is no --
- 10 JUSTICE STEVENS: It's not on a computer,
- 11 which the only difference from the old computer is it's
- 12 using a new program. You can't say that's a new
- 13 machine.
- 14 MR. STEWART: Well, but my -- I think --
- 15 first, I think you can because I think if you -- if you
- 16 improved the hardware of the computer in order to enable
- 17 it to perform --
- 18 JUSTICE STEVENS: But that patent didn't
- 19 require any change in the hardware, if I remember it
- 20 correctly.
- 21 MR. STEWART: But I -- but I think the
- 22 argument that has been made with success -- and PTO
- 23 agrees with this -- is that programming a computer by
- 24 means of software to produce -- to perform new functions
- 25 can create a novel --

- 1 JUSTICE BREYER: But then all we do is every
- 2 example that I just gave, that I thought were examples
- 3 that certainly wouldn't be patented, you simply patent
- 4 them. All you do is just have a set of instructions for
- 5 saying how to set a computer to do it. Anyone can do
- 6 that. Now, it's a machine.
- 7 So all the business patents are all right
- 8 back in. Now, that -- what I think we were looking
- 9 for was -- or at least I was -- was why that isn't so,
- 10 and how you are going to later, down the road, deal with
- 11 this situation of all you do is you get somebody who
- 12 knows computers, and you turn every business patent into
- 13 a setting of switches on a machine because there are
- 14 no businesses that don't use those machines.
- 15 MR. STEWART: Well, first of all the only
- 16 ruling that we're -- I backtrack a bit, to say, we
- 17 opposed cert in this case because we recognized that
- 18 there are difficult problems out there in terms of
- 19 patentability of software innovations and medical
- 20 diagnostic --
- JUSTICE KENNEDY: You thought we -- you
- 22 thought we'd mess it up.
- 23 MR. STEWART: I didn't think you would --
- (Laughter.)
- 25 MR. STEWART: We didn't think the Court

- 1 would mess it up. We thought that this case would
- 2 provide an unsuitable vehicle for resolving the hard
- 3 questions because the case doesn't involve computer
- 4 software or medical diagnostic techniques, and
- 5 therefore, we thought the Court would arrive at the
- 6 position that I think at least some members are feeling
- 7 that you have arrived at, that you will decide this
- 8 case, and most of the hard questions remain unresolved.
- 9 And, frankly, we think that's true.
- 10 JUSTICE GINSBURG: But this case could be
- 11 decided without making any bold step --
- MR. STEWART: Again, I don't -- I don't
- 13 think it would be a bold step to say that
- 14 machine or transformation is the test. That is, we have
- 15 gone for more --
- JUSTICE GINSBURG: But even the Federal
- 17 Circuit didn't say it was the test. It said it is for
- 18 now. We know that things that we haven't yet
- 19 contemplated may be around the corner, and when they
- 20 happen, we will deal with them.
- 21 MR. STEWART: And we would -- we would be
- 22 entirely content with a ruling like that. And we would
- 23 say that the claimed hedging method here is not the sort
- 24 of Space Age innovation that might cause Justices to
- 25 say: This is just different in kind from anything that

- 1 the drafters of the patent statute could have imagined.
- The other point I would make about the
- 3 programmed computer is, to follow up on my television
- 4 and DVD example, that when you claim a machine or a
- 5 manufacture, as the committee reports to the 1952 Act
- 6 said, those words are broad. They encompass everything
- 7 under the sun that is made by man. And so a television
- 8 is indisputably a machine, even though its function is
- 9 not to transform matter. It's only when you get to the
- 10 term "process" that you are left with -- that the
- 11 machine-or-transformation test kicks in.
- 12 And really, the argument on the other side
- is: The term "process" in ordinary speech is extremely
- 14 broad. It can literally be read to encompass any series
- 15 of steps, whether or not linked to technology, whether
- 16 or not linked to a machine or transformation. And the
- 17 other side argues you should construe it that way in the
- 18 patent statute.
- I guess the -- the three reasons we would
- 20 say that's not so are, first, under the canon of
- 21 noscitur a sociis, it's appropriate to construe the
- 22 term "process" in conjunction with the other terms.
- 23 Those other terms are broad, but they all refer to
- 24 physical objects that don't exist in nature and are
- 25 created by man. And a huge array of very productive,

- 1 innovative activity doesn't culminate in the creation of
- 2 any new physical substance, and the word "process"
- 3 surely was intended to add something, but it would be
- 4 quite strange to construe the word "process" to
- 5 encompass the whole range of human endeavor when the
- 6 other words are limited to the creation of new things in
- 7 the physical.
- 8 The second thing is that when this Court in
- 9 the past has explained the term "process," it's always
- 10 linked it to the operation of machines, as in the
- 11 telephone cases and in Morse, or to the transformation
- 12 of matter in ways that may not be dependent on a
- 13 particular machine.
- 14 And the third thing I would say is that in a
- 15 sense, there's a strong "dog that didn't bark in the
- 16 night" quality to our argument; that is, even though the
- 17 Court has never said in so many words that a method of
- 18 allocating risk by contract is a patent-eligible
- 19 process, the economic history of this country really
- 20 would have been fundamentally different if it had been
- 21 believed from the outset that innovations of this
- 22 character could be patented and potential competitors
- 23 could be foreclosed from engaging in the same method.
- 24 If the Court has nothing further?
- 25 CHIEF JUSTICE ROBERTS: Thank you, counsel.

1	Mr. Jakes, you have 4 minutes remaining.
2	REBUTTAL ARGUMENT OF J. MICHAEL JAKES
3	ON BEHALF OF THE PETITIONER
4	MR. JAKES: Thank you, Mr. Chief Justice.
5	The Federal Circuit did announce this test
6	as the sole test for all processes. It said it applied
7	no matter what the process was. So we do have to face
8	these difficult questions.
9	I think the question can be avoided, because
10	we don't need a rigid test of this type based on
11	machine or transformation. The question we're looking
12	at and should be looking at is: Are we trying to patent
13	an abstract idea?
14	Now, the government has gone farther than
15	that and really wants to exclude methods of organizing
16	human behavior. I think that's the way they describe
17	it. That's really the business method rejection in
18	other words. And I think that runs contrary to section
19	273 of the statute, which recognized that there were
20	business methods that could fall within the patent
21	statute, and as a result, prior user rights should be
22	granted.
23	To speak briefly about the State Street Bank
24	case, that was a type of business method that was
25	implemented on a machine. The Federal Circuit said it

- 1 didn't matter. They weren't looking at whether it was
- 2 in machine form or method form. Their reasoning would
- 3 have applied the same either way, and to do otherwise
- 4 would be to place form over substance. And in a sense,
- 5 that's what some of the transformation debate is about.
- 6 It's form over substance. Why should transformation be
- 7 the key? The key should be: Is it a practical
- 8 application of a useful result?
- 9 Our method, we believe, is a practical
- 10 application. As the Patent Office has said, it does
- 11 involve physical steps. I think that was one of the
- 12 clues that the patent office has relied on in saying
- 13 whether or not something is abstract. Since it is not
- 14 an abstract method, it's rooted in the real world, we
- 15 think it should be eliqible to have its examination at
- 16 the Patent Office and it shouldn't be thrown out on an
- 17 arbitrary test.
- 18 CHIEF JUSTICE ROBERTS: The -- the physical
- 19 step that your process involves is picking -- picking up
- 20 the phone and calling people on both sides of the
- 21 transaction.
- MR. JAKES: It could be. It also requires
- 23 the sale of a commodity at a fixed price. That is
- 24 something that actually takes place in the real world,
- as opposed to a mental process within somebody's head.

1	Purely mental processes that are done just solely in
2	someone's mind, I think we all agree, those are not
3	patent-eligible. That's not our method.
4	CHIEF JUSTICE ROBERTS: Thank you, counsel
5	The case is submitted.
6	(Whereupon, at 1:55 p.m., the case in the
7	above-entitled matter was submitted.)
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12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

	advantages 8:20	apart 31:9	29:10	36:19
A able 12.2	advantages 8.20 advocate 9:23	apparatus 8:13	array 49:25	bakers 36:23
able 13:2	15:22 40:1,6	apparatus 8.13	arrive 48:5	balance 20:3,7
above-entitled	advocating 35:8	43:12	arrived 48:7	balls 33:16
1:16 53:7	affirmance 29:5	APPEARAN	art 10:22 11:16	banc 39:22,25
abstract 3:24	afoul 10:20	1:19	39:12,13	Bank 17:25 18:3
4:6 9:21 10:2	afternoon 3:4	Appendix 10:1	article 17:23	29:25 42:1,6
18:5 28:3	Age 48:24	applicable 18:14	32:21 33:7	42:11 43:25
51:13 52:13,14	ago 13:21,24	applicant 35:10	artificially 25:11	51:23
abstracted	agree 7:17 13:4	application 6:18	arts 3:21 4:13,14	bargain 23:4
41:14	22:1 26:1	12:21 21:14	4:14,19,21 5:3	bark 50:15
accepted 24:1,7	34:14 53:2	37:3 38:6 45:3	7:13,15,16,22	based 16:3,17,19
accepts 19:20	agreed 11:18	52:8,10	8:19 12:18	40:12 51:10
accommodate	agrees 46:23	applications	41:4	basic 29:2
3:21	Alappat 17:24	37:16	asked 43:21	basically 41:12
accomplished	Alexander 27:5	applied 21:21	asking 13:11	basis 3:16 12:23
24:9,16	ALITO 27:25	51:6 52:3	asking 13.11 aspect 8:24	29:5,7 34:15
accomplishing	allocate 29:10	applies 4:6	18:22	beautiful 22:10
31:3 42:8,25	allocating 50:18	applies 4.0 apply 11:7 25:7	association	began 10:25
accomplishme	allow 10:22	42:21	42:13	beginning 18:8
35:12	36:13	approach 19:2	assume 22:8,9	begs 21:1
acknowledge	allowed 26:8	approach 19.2	39:10	begun 29:14
38:18	42:12	42:21 49:21	assuming 6:4	behalf 1:20,23
act 20:1 21:16	alphabet 22:9	appropriately	attacking 45:17	2:4,6,9 3:8
49:5	22:10,13,20,21	41:5	attacking 43.17	26:16 51:3
acted 5:16	22:25	approved 15:21	28:17	behavior 51:16
acting 12:6	alternative 29:4	24:20	automatically	believe 7:7 8:1
active 17:16	amendment	arbitrary 52:17	32:4	8:16,18,19
activities 5:19	17:16	area 5:19 20:10	available 21:13	24:5 34:9
7:22,23	amici 7:10 29:19	20:10 31:12	averages 36:4	39:22 52:9
activity 8:8,12	analogous 36:11	37:6	avoid 41:4	believed 50:21
50:1	37:24	areas 16:6,8	avoidance 5:22	Bell 24:11 27:5,9
actual 11:17	analysis 4:18	36:11	5:24,25	Bell's 22:2 24:4
24:14 37:3	43:25	argue 14:9 28:1	avoided 51:9	24:19 27:8
actuarial 11:2,2	announce 37:17	argued 39:23	awake 9:4	33:1
11:7	51:5	44:2,19	awfully 44:18	benefit 8:11
add 50:3	announced	argues 49:17	awiuny ++.10	14:15
adding 32:6	28:11 35:8	argument 1:17	В	Benson 38:4,17
address 32:19	41:12	2:2,7 3:4,7	back 5:7 6:22	41:10
admired 17:15	answer 9:1	20:13 26:15	9:19 17:13	BERNARD 1:3
admit 4:24	16:25 20:15,18	29:4 33:23	18:8 25:1,25	best 16:11
adopting 41:3	answered 32:7	43:11 45:16	27:13 31:21,22	better 46:7,7
advance 20:2	answered 32.7	46:22 49:12	31:22 32:18	bill 5:21
39:12	antitrust 9:3	50:16 51:2	39:6,6 47:8	Bilski 1:3 3:5
advances 3:21	29:11	arguments 44:5	backtrack 38:13	biomedical
40:20,21	anybody 16:15	arrangements	45:9 47:16	29:18
advantage 8:19	any word 10.13		baker 12:2	27.10
	<u> </u>		<u> </u>	<u> </u>

	1	1	1	1
bit 47:16	6:8,16	caused 44:10	9:17 25:6 29:8	12:10
Blue 45:10	business-related	causing 44:14	39:20 44:21	complicated
board 20:9	31:5	central 36:1	circumstances	41:20
bold 48:11,13	buy 10:9	centuries 10:18	5:17 37:8	composition
book 4:16	buyers 10:9	39:4	cite 32:21	45:13
borrowing 7:11		century 17:13	cited 5:1	compression
bread 36:20	<u>C</u>	20:4	claim 10:1,12,16	22:2
BREYER 5:6	C 2:1 3:1	cert 47:17	11:14,15 22:2	computer 29:18
6:6,21 9:1,7,12	calculate 34:4	certain 5:16	22:3,20 24:6,7	30:3 31:2,4
19:14 20:17	calculations	27:4 36:5	24:7,11,14,19	32:6 34:2,14
31:14,19 32:11	30:4 36:14	certainly 4:21	24:20,21,21	34:16,20,23
32:14 45:15	calculator 36:6	11:8 26:21,24	31:1 42:6,7	36:11 42:8,10
46:1 47:1	36:9	28:8 42:15	49:4	42:10,12,12
Breyer's 35:6	calculus 11:1	43:3 47:3	claimed 48:23	43:3,14,14
brief 17:4,22	call 12:2,3 13:20	challenging	claims 10:22	44:2,8,10,14
27:21 28:1	calling 52:20	43:11	23:18,23 24:5	44:15 45:18
29:5 33:24	candidate 38:25	change 30:11	43:1 46:5	46:10,11,16,23
41:10,11,20	canon 49:20	46:19	clarity 29:7	47:5 48:3 49:3
45:10	capacity 11:11	changes 45:19	classic 10:17	computers 14:2
briefly 51:23	Carnegie 27:5	changing 26:8	clause 7:5	14:4 30:23
briefs 22:14	carrying 42:13	character 50:22	clear 25:5	47:12
32:16	carved 8:6	characterize 7:7	clearly 11:5 25:4	concerned 4:25
bring 5:14	case 3:4 4:3 5:10	characterized	26:2,3	concrete 11:14
brings 18:7	9:23,23 12:9	33:3	closer 36:15	Congress 5:4,7
broad 3:23	15:2,4 16:1,3	charge 19:24	clue 33:8	5:10,11,14,16
11:15 13:6	17:25 18:3,4	Chief 3:3,9 9:25	clues 52:12	8:6 11:9 20:20
20:20 24:7,16	23:15,18 28:5	10:16 11:21	Cochrane 33:13	Congress's 21:6
24:21 28:6	29:6 30:8,10	12:1 22:23	code 22:21 23:8	conjunction
32:1,3 49:6,14	31:20 33:15,16	26:12,17 33:22	23:11,15,19	49:22
49:23	37:7,10 38:19	34:18 35:17	come 8:21 26:21	connection
broadest 12:20	39:22,23,24	36:2,16 40:4	37:23 39:14	23:22 30:5
broadly 3:20	41:16,20,24 43:22 44:5	40:22 42:16	41:25 44:4,8	Constitution
Burden 33:13	45:17,23 47:17	50:25 51:4	44:18,21	6:23
Bureau 12:9	48:1,3,8,10	52:18 53:4	COMMERCE	construe 49:17
business 5:2,18	51:24 53:5,6	choose 6:1 8:25	1:8	49:21 50:4
10:24 12:25	cases 9:21 15:21	chose 16:3	committee 49:5	construing 30:1
13:12,16 16:2	17:11 26:20	circle 21:2	commodity 10:3	30:2 42:22
16:7 19:2	31:1 38:12	circuit 4:8 5:12	10:3,17 11:23	consumer 10:4
28:24 29:13,21	50:11	19:5 25:7	52:23	consumers 10:4
30:5,18,21	categorically	28:11,12,15,20	commonly 30:18	consumption
31:6,8,12,23	30:22	28:24 29:14	communicating	8:23 28:3 36:4
47:7,12 51:17	categories 4:7	30:1,9 31:1,20	27:6	contemplated
51:20,24	7:20 12:14	35:7,10 38:11	competitor 7:2	48:19
businesses 30:25	20:21	39:21,24 48:17	competitors	content 48:22
47:14	category 12:13	51:5,25	50:22	context 20:24 21:7 32:25
businessman 6:7	cause 48:24	circuit's 3:11	compile 11:6	21.7 32:23
	Cuuse To.2T			

				Page 50
37:3	Court's 3:18 4:2	17:24 44:21	39:14 43:15,16	electric 25:13,14
continent 6:25	4:2,10 41:15	decisions 4:10	44:11,15 45:20	electrical 24:25
contract 50:18	cover 29:13	41:15	48:25 50:20	25:1,21
contractual	covered 5:24,25	Deener 33:13	differential 11:1	electronic 18:20
29:10	7:20,22,23,25	defined 13:15	difficult 11:9	18:25 21:23
contrary 3:19	8:2 26:3	19:8	12:20 40:22	22:12,16 27:11
18:22 51:18	covers 5:9	defining 8:2	47:18 51:8	eligibility 29:1
contributions	create 29:1,23	definition 14:10	difficulties 41:5	31:13
30:24	46:25	definition 14.10	directly 40:16	eligible 6:3 8:5
conventional	created 4:8 11:3	13:10	DIRECTOR	10:15 11:13
18:17	49:25	Department	1:10	12:16 27:18,22
corner 48:19	creation 38:23	1:23	discern 21:6	29:25 30:17,19
Corning 33:12	50:1,6	dependent 50:12	disclose 14:14	33:4 34:11
corporate 6:1	crunch 36:9	depends 45:22	19:23	37:1,9,25 38:7
corporation	culminate 50:1	Deputy 1:22	disclosure 8:24	38:20 52:15
7:19	cure 8:12	describe 27:5	14:13 24:13,23	eliminate 30:23
correct 15:20	curing 18:18	51:16	discovered 11:1	emerging 37:22
24:1,12 44:1	current 14:4	described 30:18	discovers 45:12	emphasize 45:1
45:16	22:3 24:15,25	33:12 34:12	discussed 27:21	en 39:22,25
correctly 46:20	25:1,13,14,21	40:23	discussion 26:20	enable 46:16
counsel 50:25	25:24,24 27:11	designed 18:7	dispute 40:19	enacted 41:23
53:4	27:12	29:10	distance 24:8	encompass 49:6
counterparties	27.12	destroy 20:2	27:12	49:14 50:5
34:13 36:18	D	29:19	divide 36:5	
	$\overline{\mathbf{D}}$ 3:1	determination		encompasses 4:22
counterparty 35:2	dah 31:23,23,23	40:25	doctor 8:4,7,25 dog 50:15	· ·
	31:23,24		U	encouraging 8:21 14:16
counter-exam 5:2	Dale 27:5	develop 36:3 devise 29:10	doing 16:2 19:2 22:17	endeavor 50:5
countries 12:25	Dann 15:25		don't 45:24	
	data 12:13,15	devised 27:6,10 33:14	don 145:24 drafters 49:1	enforcement 16:25 17:6
country 39:16	21:23 22:1	:		
50:19	25:8 26:6,7,8	devising 28:24	drafting 17:16 draw 35:24	engaging 35:1
couple 28:9	dating 7:13	42:11		50:23
37:20	DAVID 1:7	diagnostic 37:6	drawn 4:1	engineering
course 4:11 15:9	day 11:16 28:20	47:20 48:4	DVD 46:7 49:4	13:18,18
43:13	deal 4:20 12:3	Diamond 15:6	dwell 36:17	England 10:25
court 1:1,17	27:18 47:10	Diehr 4:2 9:20	D.C 1:13,20,23	entirely 8:8
3:10 15:24	48:20	15:4,6,6,7 18:4		48:22
16:3 18:5	dealing 4:15	18:16 31:15,16	E 2:1 3:1,1	entitled 45:14
26:18 29:6	debate 52:5	32:20 33:7	easier 40:18	enunciated 9:20
30:25 31:11	decide 5:4 16:3	difference 19:10	economic 50:19	equally 4:6
33:6 37:5 38:4	32:18 35:14	34:21 46:11		era 18:21
38:16 41:4,10		different 10:11	economy 14:4 16:17	ESQ 1:20,22 2:3
41:12 44:19	41:24 48:7	18:13 19:1		2:5,8
47:25 48:5	decided 16:1	22:7,15 32:22	effect 44:14	essence 30:3
50:8,17,24	29:6 39:24	33:8 34:9 35:3	effectively 27:7	essential 33:19
courts 40:25	48:11	37:19,21 39:3	either 3:14,16	essentially 34:13
	decision 9:17		32:3 43:2 52:3	

	ı	ı	I	Ī
38:17	extent 35:25	52:23	32:17	granted 6:18
establish 29:2	extreme 38:10	flagged 32:7		51:22
established 3:19	extremely 49:13	Flook 38:4,18	G	great 6:24 9:2
establishing	e.g 31:17 32:21	flour 33:15	G 3:1	grocer 12:3
34:7	32:21,23	flow 14:5,8,10	general 1:22	36:21
estate 5:25		FM 22:2	6:17 12:22	grocery 36:21
Europe 12:24	<u> </u>	focus 23:3	15:14 17:14,22	ground 28:2,8
event 38:5	fabulous 9:7	focusing 40:16	generality 27:4	grounds 16:2
exactly 19:14	face 51:7	follow 20:15	generally 14:18	guess 5:11 34:8
22:21	facts 37:2,3	49:3	General's 7:12	35:4 37:4,20
examination	41:22	followed 9:9	generated 25:11	45:8 46:4
52:15	fair 23:4	41:21	getting 20:1	49:19
example 7:19	fairly 28:10 31:6	following 26:19	GINSBURG	
8:3 47:2 49:4	fall 51:20	31:17	5:23 12:23	<u>H</u>
examples 47:2	falls 8:18	footnote 33:24	13:8 39:17	hand 32:3
exception 38:23	far 9:14	35:18 36:17	40:3,8 48:10	hangs 4:12
39:1	farther 51:14	force 7:1	48:16	happen 48:20
exceptions 4:1	Federal 3:11 4:8	foreclosed 50:23	give 8:3 11:10	hard 28:20 35:9
exchange 14:18	19:4 25:6,7	forgetting 41:22	13:23 14:23	35:23 36:3
14:24 19:6	28:11,12,15,19	form 52:2,2,4,6	36:22	48:2,8
21:22	28:23 29:8,14	forming 22:25	given 20:21	hardware 46:16
exclude 7:15,16	30:1,9 31:1,20	forth 22:11	36:12	46:19
13:12,15 19:12	35:7,9 38:10	fortune 6:15	give-and-take	harm 20:11,11
21:24 51:15	39:20,21,24	forward 39:18	23:4	hat 4:12
exclusions 3:22	41:21,23 44:21	forward-looki	giving 19:21	head 52:25 hear 3:3
exclusive 14:23	48:16 51:5,25 feel 5:8	18:22	go 5:12 6:22 8:6 9:19 12:9	heard 12:19
37:18		found 4:9	17:12 19:1	
exclusively	feeling 48:6 fees 14:9	four 4:7 12:14	21:2 27:16	hearing 39:22 heart 34:16
37:14	fields 13:17,19	19:19 20:21	28:24 33:18	hedging 8:22
exempt 5:21	37:17	Framers 6:23	35:14 38:10	10:17 28:3
exempted 5:20	file 6:18	framing 27:22	45:23	34:10 39:1
exist 13:21,23	filed 41:11	frankly 48:9	goes 39:6,6	48:23
14:1 16:6,9	financial 13:18	free 14:5,8,10	going 9:1,10	held 29:24 30:17
49:24	find 3:16 4:3	friends 4:17	10:18 30:11	30:19 31:1,2
existed 16:8	20:12 34:14,24	27:3	36:20 47:10	33:4 38:4,12
43:18 44:12	35:2	function 49:8	good 8:3 20:11	38:19
expectancy 11:2	fine 7:16 9:12	functionality	28:5	help 8:14 19:15
11:3 12:11	firm 6:9	36:9,13	Gottschalk	38:9
expires 14:20,21	first 7:14 9:20	functions 43:15 46:24	41:10	helps 6:16
explain 6:17	28:9 29:1	46:24 fundamental	government	high 10:9
19:5	32:20 34:11	35:4	4:11 26:4	higher 19:24
explained 50:9	37:21 40:19		39:18 40:1	historical 36:4
explanation 11:6	46:4,15 47:15	fundamentally 50:20	41:9 51:14	history 50:19
explicitly 38:12	49:20	further 50:24	government's	holding 31:7
explicitly 38.12 explosion 13:19	fit 42:19	future 29:9	41:10	43:23
CAPIUSIUII 15.17	fixed 10:4,5	14tu1 € 27.7	Graham 27:5	honest 20:8
	<u> </u>	l	l	<u> </u>

	1		1	
Honor 7:6 10:19	19:15	31:2 50:1	35:18 52:19	jurisprudence
13:4 14:12	inappropriate	inquiry 40:16,17	involving 40:24	15:3
hook 36:20	35:14	46:7	irrelevant 42:20	jury 6:1
hope 26:24	include 13:13	insights 16:11	issue 11:11	Justice 1:23 3:3
horse 16:10	included 7:18	insignificant	17:19 20:18	3:9 4:11 5:6,23
horses 16:9,12	12:14 15:18	35:19	28:6	6:6,21 7:8,21
16:19	17:4	insofar 31:22	issued 17:4	7:24 8:10,16
hub-and-spokes	including 4:2	32:16	issues 14:22	9:1,7,12,25
42:14	30:23	instance 37:5	16:24	10:16,23 11:21
huge 49:25	incorrect 29:23	instructions	items 21:4 33:17	12:1,8,23 13:8
human 7:19,21	increased 14:2	47:4	38:11	13:22 14:1,7
7:23 8:8,12	independent	insurance 10:24	it's 33:18 40:12	14:19 15:1,5,7
50:5 51:16	28:2	10:24 11:11,20	45:10 49:21	15:9,12,16,20
hypothesis	indisputably	12:8	I'd 20:14	16:5,15,19,22
19:16	49:8	INTELLECT	I'll 26:10	17:10,14,18
	individual 33:14	1:9	1 11 20.10	18:4,10,24
hypothetical 34:12	industrial 4:22	intended 50:3	J	19:14 20:17,23
			J 1:7,20 2:3,8	,
hypothetically	4:25 13:18	intent 8:17 21:6	3:7 51:2	21:1,15,19
9:13	16:18 18:17,21	interactive	Jakes 1:20 2:3,8	22:6,7,23 23:8
hypothetical's	27:20	34:12,22	3:6,7,9 4:21	23:11,14,23,25
9:16	industries 29:19	interested 35:1	5:16 6:3,19 7:6	24:3,10,17,24
I	industry 10:24	Internet 14:5	7:14,23 8:1,15	25:4,12,16,18
idea 10:2 18:5	11:4	interpreted		25:22 26:2,12
	ineligible 30:22	24:14	8:18 9:11,19	26:17,24 27:2
28:3 29:16	inference 32:23	introduced 5:21	10:13,19 11:12	27:25 29:12
51:13	inflexible 28:12	invent 14:17	11:25 12:5,12	30:10,13 31:8
ideas 3:24 9:21	influence 4:17	invented 42:23	13:4,14,25	31:14,19 32:11
identified 34:10	27:3	43:1 46:5	14:3,12,21	32:14 33:22
41:5 42:24	information	invention 18:16	15:4,6,8,11,14	34:18 35:6,17
identify 28:14	14:5,8,11,17	30:17 33:1,1	15:17,23 16:14	36:2,16 37:13
34:2,25 35:11	14:24 18:19	43:23	16:17,24 17:12	38:9 39:5,17
36:18	19:7 20:6,8	inventions 4:20	17:17,20 18:9	40:3,4,8,22
identifying 37:8	21:22 24:8	4:25 7:10	18:16 19:10	41:16,19 42:2
imagine 37:17	infringement	14:14 21:25	20:15,20,25	42:16 43:5,20
imagined 49:1	8:7	37:25	21:8,18,21	44:4,17,23
implement 5:5	initially 10:21	inventors 4:15	22:18 23:1,10	45:2,6,15 46:1
implemented	initiate 10:2,7,8	invents 45:12	23:13,21,24	46:10,18 47:1
27:10 51:25	Initiating 11:22	investment	24:2,5,13,19	47:21 48:10,16
implements 18:6	innovation	42:14,14	25:3,5,14,17	50:25 51:4
impose 29:17	29:24 34:16	involve 19:7	25:19 26:1,5	52:18 53:4
improved 46:16	42:11 48:24	29:21 33:9	26:13 51:1,2,4	Justices 48:24
improving 14:10	innovations	34:1 38:1,1,20	52:22	
inadequate	13:13 27:14	48:3 52:11	Johnston 15:25	K
24:22	37:6,8 44:14	involved 33:6	Joint 10:1	Kappos 1:7 3:5
inadvertent	47:19 50:21	40:17	Jones 4:16	keep 8:25 17:8
19:17	innovative 27:17	involves 8:12	Judge 17:15	keeping 14:15
inadvertently			40:9	KENNEDY

10:23 12:8 18:4,10 22:7 22:7 24:10 18:14 19:12 12:10 23:6,25 33:6 33:3,5,7 45:4 45:13 46					Page 5
18:4,10 22:7	10:23 12:8	22:8 24:10	32:6,25 33:6	33:3,5,7 45:4	methods 3:13,14
41:6,19 42:2	18:4,10 22:7	level 27:4 35:15	33:10,20 34:1		5:18,22,24
43:20 44:4 45:6 47:21 12:11	*	licensing 14:8	35:11,15,19,25	49:9 50:12	
45:6 47:21 limit 7:8,10 limited 4:23 43:2,3,6,7,14 43:2,3,6,7,14 43:2,3,6,7,14 43:2,3,6,7,14 43:16,16 4:43 43:16,16 4:43 44:9,11 45:5 mean 6:6 10:6 51:20 MICHAEL 1:20 30:21 31:6,9 30:31 30:4 40:31 40:4,816 40:11	,	U			,
kept 9:4 key 52:7,7 kicks 49:11 kind 19:1 35:14 divided 4:23 33:3,14 48:25 kinds 23:2 kinds 23:2 know 4:15 5:13 9:2 10:23,24 16:5,11 18:10 20:9,9 27:2 32:2 36:21,22 40:14,16 48:18 knowledge 12:21,22 21:13 21:15,17,19 knows 47:12 12:21,22 21:13 21:15,17,19 knows 47:12 12:21,22 21:13 21:15,17,19 knows 47:12 12:21,22 21:13 21:15,17,19 knows 47:12 12:21,22 21:13 21:15,17,19 knows 47:12 12:21,22 21:13 21:15,17,19 knows 47:12 12:21,22 21:13 21:15,17,19 knows 47:12 12:21 19:9 machine-impl 28:25 28:25 30:23 28:25 30:23 28:20 33:10 30:14,15 34:19 30:14,15 34:19 10ix 32:14;58:19 20ix 32:14;58:19 20ix 32:14;58:25 11:12 52:1 12:24 19:19 20ix 32:14 75:20 10ix 32:17 45:22 10ix 19:12 20ix 19:12 21:13 39:13 30:18 31:3 30:12 4:15 48:23 30:14,15 34:19 30:14,15 34:19 30:14,15 34:19 30:14,15 34:19 10ix 32:14 75:20 10ix 19:12 20ix 19:12 20i			,		· · · · · · · · · · · · · · · · · · ·
key 52:7,7 kicks 49:11 kind 19:1 35:14 39:3;14 48:25 kinds 23:2 knew 81:21 know 41:5 5:13 1 kink 28:14,16 9:2 10:23,24 16:5;11 18:10 20:9,9 27:2 40:14,16 48:18 knowledge 12:21,22 21:13 21:15,17,19 knows 47:12 43:16,16 44:3 44:9,11 45:5 45:13,18,18,20 20 46:5,8,13 47:6 49:4,8,16 50:13 51:11,25 50:13 51:11,25 50:10 51:120,5 27:10 50:10 60echanisms 60echal 5:19 60echanisms 60echal 5:19 60echanisms 60echanisms 60echal 5:19 60echanisms 60echal 5:19 60echanisms 60echal 5:19 60echanisms 60echal 5:19 60echanisms 60echal 5:19 60echanisms 60echal 5:19 60echanisms 60:10 60echanisms 60:10 60echanisms 60:10 60echanisms 60:10 60echanisms 60:10 60echanisms 60:10 60echanisms 60:10 60echanisms 60:10 60echanisms 60:10 60echanis				0	
Ricks 49:11	_	,			,
kind 19:1 35:14 39:3,14 48:25 kinds 23:2 knew 18:21 line 35:24 36:15 know 4:15 5:13 9:2 10:23,24 16:5,11 18:10 20:99 27:2 32:2 36:21,22 40:14,16 48:18 knowledge knowledge little 9:16 23:6 long 8:8 9:23 12:15,17,19 knows 47:12 45:13,18,18,20 46:5,8,13 47:6 49:4,8,16 50:13 51:11,25 52:2 machines 4:20 52:20 27:10 15:20:5 27:10 15:10 50:10 15:1 20:5 27:10 15:10 15:1 20:5 27:10 16:21 20:19 28:25 31:2 32:24 31:9,23 47:14 16:exp 16 23:6 long 8:8 9:23 12:16 36:3 45:9 16:21 20:19 22:20 24:22 37:15 38:7 36:3 45:9 16:21 20:19 21:3 29:13 30:14,15 34:19 16:21 20:19 21:3 29:13 37:16 16:21 20:19 21:3 29:13 37:16 16:21 20:19 21:3 29:13 37:16 16:21 20:19 21:3 29:13 37:16 16:22 10:19 21:3 29:13 37:16 16:22 10:19 21:3 29:13 37:16 16:22 10:19 21:3 29:13 37:16 10se 29:7 10se 29:7 10se 19:12 10se 29:7 10se 29:7 10se 19:12 10se 29:7 10se 19:12 10se 19:12 1					· ·
39:3,14 48:25 kinds 23:2 29:17 47:13 48:14 42:1 microprocessor 42:13 48:14 42:1 microprocessor 42:14 microprocessor 42:14 42:1 microprocessor 42:14 mi	kind 19:1 35:14		· · · · · · · · · · · · · · · · · · ·	21:3 25:2	MICHAEL 1:20
kinds 23:2 knew 18:21 29:17 line 35:24 36:15 link 28:14,16 47:13 48:14 meaning 7:9 42:1 meaning 7:9 microprocessor 34:3 know 4:15 5:13 p.2 10:23,24 linked 49:15,16 20:99 27:2 32:2 36:21,22 lith 21:21,22 21:13 linked 49:15,16 sile 20:5 22:10 links 28:25 28:25 30:23 linked 49:14 literally 49:14 literally 49:14 literally 49:14 literature 7:17 little 9:16 23:6 long 8:8 9:23 21:15,17,19 knows 47:12 little 9:16 23:6 long 8:8 9:23 22:20 24:22 28:2	39:3,14 48:25	limits 14:7 19:9		31:16 36:17	2:3,8 3:7 51:2
Real New 18:21	′	29:17	, ,		,
Ink 28:14,16 29:3 29:3 29:3 29:3 29:3 29:3 29:2 42:7 29:3	knew 18:21	line 35:24 36:15		meaning 7:9	_
9:2 10:23,24 16:5,11 18:10 29:3 18:0 29:3 18:25 29:2 28:25 30:23 42:8 46:24 28:25 30:23 42:8 46:24 28:25 30:23 42:8 46:24 28:25 30:23 42:8 46:24 28:25 30:23 42:8 46:24 28:25 30:23 42:8 46:24 28:25 30:23 42:8 46:24 28:25 30:23 42:8 46:24 28:25 30:23 42:8 46:24 28:25 30:23 42:8 46:24 28:25 30:23 28:25 30:23 28:25 30:23 42:8 46:24 28:25 30:23 28:22 30:23 28:25 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:22 30:23 28:2			, ,	C	middle 45:11
16:5,11 18:10 20:9,9 27:2 50:10 50:10 50:10 28:25 30:23 42:8 46:24 minuses 19:24 minuses 19:					
20:9,9 27:2 32:2 36:21,22 links 28:25 28:25 30:23 40:14,16 48:18 literalty 49:14 50:10 mechanisms 19:24 minutes 51:1 modern 16:7 money 6:13 money 6:	· ·				
Size 2 36:21,22	· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , ,			
A0:14,16 48:18 knowledge 12:21,22 21:13 little 91:6 23:6 machine-impl 39:7 medical 5:19 monopyl 19:22 moosed 31:21,21 medical 5:19 moopyl 19:22 mood 31:21,21 moopyl 19:22 mood 31:21,21 moopyl 19:22 mood 31:21,21 moopyl 19:22 moopyl 19:22 mood 31:21,21 moopyl 19:22 mood 31:21,21 mood 31:21,21 moopyl 19:22 mood 31:21,21 mood 31:21,21 moopyl 19:22	· ·				
Large transport Section Sectio	,				
12:21,22 21:13 21:15,17,19 knows 47:12			,		
Care Color	\mathcal{C}				•
Table Tabl	′		_		•
L L L 22:5 22:20 24:22 34:20 35:17 39:19 40:2,7 41:6,8,17 42:20 49:11 Morse 's 23:8,11					
L 22:20 24:22 37:15 38:7 meet 6:4 32:8 meets 12:16 members 48:6 24:20 26:20 50:11 Language 3:16 3:23 4:3 15:12 18:11 looked 18:12 looking 7:15 9:25 18:2 41:6,8,17 42:20 49:11 making 48:11 members 48:6 mental 52:25 53:1 Morse's 23:8,11 24:5 33:1 Laughter 9:6 16:21 20:19 27:1 47:24 12:24 19:19 21:3 29:13 37:16 laws 3:23 4:5 14:13 18:7,23 21:11 Lorenzo 4:16 loss 9:12 low 10:9 luck 35:13 manipulation 18:25 manufacture 45:13 49:5 manufacturing 14:13 18:7,23 21:11 manipulation 18:25 manufacturing 14:14:22 5:1 21:4 33:15,17 market 11:24 materials 18:19 38:21 eft 31:25 49:10 legal 14:9 legal 14:9 legal 14:9 length 27:21 Mmachine 3:15 8:13 18:12 29:15 30:3,6 mature 1:16 3:15 12:14 15:19,24 18:2 8:15 12:14 15:19,24 5:12 5:14 53:3 24:20 26:20 50:11 members 48:6 members 48:6 memtal 52:25 25:13:11 Morse's 23:8,11 24:5 33:1 Makl COLM 1:22 2:5 26:15 manufacture 43:21 47:8 18:22 5:2 1 39:3,15 mere 19:6 mentioned 27:3 mere 19:6 mentioned 27:3 mere 19:6 mentioned 27:3 met 25:2 matural 3:23 20:13 39:3,15 met 25:2 matural 3:23 20:13 39:3,15 met 25:2 matural 3:23 20:13 39:13 49:5 13:14 39:3,15 met 25:2 matural 3:23 20:13 39:13 49:5 30:14 11:12,19 11:20 12:25 30:3,6 matural 3:23 20:13 30:14 11:22 30:14 11:12,19 11:22 30:14 11:12,19 11:22 30:14 11:12,19 11:22 30:14 11:22 30:14 11:12 30:14 11:12,19 11:22 30:14 11:12 30:14 11:12,19 11:22 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:12 30:14 11:14 11:12 30:14 11:14 11:12 30:14 11:14 11:12 30:14 11:14 11:14 30:14 11:14 11:14 30:14 11:14 11:14 30					,
L1:3,22 2:5 26:15 language 3:16 3:23 4:3 15:12 18:11 latest 18:1 Laughter 9:6 16:21 20:19 27:1 47:24 19:19 27:1 47:24 19:19 21:3 29:13 37:16 laws 3:23 4:5 18:17 learned 9:4 leave 5:6 28:20 38:21 left 31:25 49:10 legal 14:9 legal 14:9 length 27:21 34:20 35:17 41:6,8,17 42:20 49:11 making 48:11 MALCOLM 1:22 2:5 26:15 man 49:7,25 man 49:7,25 management 39:19 40:2,7 41:6,8,17 42:20 49:11 making 48:11 MALCOLM 1:22 2:5 26:15 man 49:7,25 management 39:3,15 mentioned 27:3 mere 19:6 mentioned 27:3 mere 19:6 mention 16:5 mentioned 27:3 mere 19:6 mentioned 27:3 mere 19:6 mention 16:5 mentioned 27:3 mere 19:6 method 7:13 8:4 8:11,22,22 9:3 net 25:2 natural 3:23 21:11 learned 9:4 leave 5:6 28:20 38:21 left 31:25 49:10 legal 14:9 loked 18:12 loked 18:12 left 31:25 3:1 4:10 (39:1) 40:2,7 41:6,8,17 mention 16:5 mentioned 27:3 mere 19:6 mention 16:5 mentioned 27:3 mere 19:6 method 7:13 8:4 s:11,22,22 9:3 netural 3:23 21:11 legal 14:9 loke 35:13 21:14 39:3,15 mentioned 27:3 mere 19:6 mention 16:5 mentioned 27:3 mere 19:6 method 7:13 8:4 s:11,22,22 9:3 natural 3:23 21:11 strain 18:25 sinal 18:12 sinal 18:13 sinal 18:14 sinal 50:13 sinal 18:15 sinal 50:13 sinal 50:13 sinal 18:15 sinal 50:13 sinal 50:14 s	L				
36:3 45:9	L 1:3,22 2:5				
language 3:16 3:23 4:3 15:12 looking 7:15 making 48:11 making 48:11 matest 18:1 19:11 20:21 30:14,15 34:19 43:21 47:8 27:1 47:24 51:11,12 52:1 lose 29:7 lot 32:17 45:22 lows 3:23 4:5 14:13 18:7,23 21:11 learned 9:4 leave 5:6 28:20 38:21 left 31:25 49:10 lose 21:15 legal 14:9 legal 14:9 length 27:21 legal 14:9 length 27:21 legal 14:9 length 27:21 left 31:25 looking 7:15 making 48:11 mention 16:5 mentioned 27:3 mere 19:6 mess 47:22 48:1 met 25:2 matural 3:23 lise 29:7 lose 39:3,15 met 25:2 matural 3:23 21:11 making 48:11 mention 16:5 mentioned 27:3 mere 19:6 mess 47:22 48:1 met 25:2 matural 3:23 21:11 maturally 33:2 method 7:13 8:4 8:11,22,22 9:3 natural 3:23 21:11 making 48:11 making 48:11 mention 16:5 mentioned 27:3 mere 19:6 mess 47:22 48:1 method 7:13 8:4 8:11,22,22 9:3 natural 3:23 21:11 making 48:11 mention 16:5 mentioned 27:3 mere 19:6 mess 47:22 48:1 method 7:13 8:4 8:11,22,22 9:3 natural 3:23 21:11 making 48:11 mention 16:5 mentioned 27:3 method 7:13 8:4 19:14 13:12,22 2 9:3 natural 3:23 21:11 making 48:11 mention 16:5 mentioned 27:3 method 7:13 8:4 19:14 13:12,22 2 9:3 natural 3:23 21:11 maturally 33:2 natural 3:23 21:11 maturally 3:23 21:11 maturally 3:2 21:11 22:14 33:15,17 33:14,25 35:12 natural 3:23 23:14 22:15 48:23 33:14,25 35:12 natural 3:23 21:11 nat					
Signature Sign	language 3:16		, ,		
18:11	0 0				
latest 18:1 19:11 20:21 1:22 2:5 26:15 mentioned 27:3 mere 19:6 N 2:1,1 3:1 narrow 3:11 16:21 20:19 43:21 47:8 man 49:7,25 mere 19:6 mere 19:6 marrow 3:11 27:1 47:24 51:11,12 52:1 management 39:3,15 method 7:13 8:4 5:12 32:1,3 law 8:17 9:3 lose 29:7 lose 29:7 manipulation 8:11,22,22 9:3 natural 3:23 21:3 29:13 lots 19:12 45:13 49:5 10:14 11:12,19 nature 3:23 4:6 laws 3:23 4:5 low 10:9 4:14,22 5:1 19:1,2 27:8 naure 27:25,25 14:13 18:7,23 machine 3:15 21:4 33:15,17 30:18 31:3 necessarily 22:4 learned 9:4 machine 3:15 8:13 18:12 39:1,10 42:8 25:10 39:13 left 31:25 49:10 28:17,17 29:3 4:7 10:15 50:17,23 51:17 35:12 legal 14:9 29:15 30:3,6 12:14 15:19,24 51:24 52:2,9 52:14 53:3 38:23	18:11	0	_		N
Laughter 9:6 30:14,15 34:19 man 49:7,25 mere 19:6 narrow 3:11 16:21 20:19 43:21 47:8 39:3,15 mess 47:22 48:1 5:12 32:1,3 27:1 47:24 51:11,12 52:1 39:3,15 met 25:2 natural 3:23 law 8:17 9:3 Lorenzo 4:16 lose 29:7 18:25 method 7:13 8:4 21:11 12:24 19:19 lots 32:17 45:22 manufacture 45:13 49:5 10:14 11:12,19 natural 3:23 21:3 29:13 lots 19:12 45:13 49:5 10:14 11:12,19 nature 3:23 4:6 laws 3:23 4:5 low 10:9 4:14,22 5:1 19:1,2 27:8					N 2:1,1 3:1
A3:21 47:8					
27:1 47:24 51:11,12 52:1 39:3,15 met 25:2 natural 3:23 law 8:17 9:3 Lorenzo 4:16 lose 29:7 lose 29:7 lot 32:17 45:22 manipulation 8:11,22,22 9:3 naturally 33:2 37:16 lots 19:12 dow 10:9 manufacture 1:20 12:25 21:11 26:6 laws 3:23 4:5 low 10:9 manufacturing 16:2 18:18 49:24 14:13 18:7,23 machine 3:15 market 11:24 33:14,25 35:12 near 27:25,25 12:4 33:15,17 market 11:24 33:14,25 35:12 necessarily 22:4 16:2 18:18 49:24 near 27:25,25 16:2 18:18 19:1,2 27:8 necessarily 22:4 16:2 18:18 19:1,2 27:8 necessary 5:8 16:2 18:18 19:1,2 27:8 necessary 5:8 16:2 18:18 19:1,2 27:8 necessary 5:8 18:2 28:15 18:1 3:12 18:1 3:12 18:1 3:12 18:2 28:15 18:2 4 5:12 18:2 4 5:12 <th< td=""><td></td><td></td><td>· ·</td><td></td><td></td></th<>			· ·		
law 8:17 9:3 Lorenzo 4:16 manipulation method 7:13 8:4 21:11 12:24 19:19 lose 29:7 lot 32:17 45:22 manufacture 10:14 11:12,19 nature 3:23 4:6 21:3 29:13 lots 19:12 45:13 49:5 11:20 12:25 nature 3:23 4:6 laws 3:23 4:5 low 10:9 manufacturing 16:2 18:18 49:24 learned 9:4 machine 3:15 21:4 33:15,17 30:18 31:3 necessarily 22:4 leave 5:6 28:20 8:13 18:12 39:1,10 42:8 25:10 39:13 38:21 materials 18:19 39:1,10 42:8 23:5 29:3 legal 14:9 28:17,17 29:3 4:7 10:15 50:17,23 51:17 50:17,23 51:17 length 27:21 29:15 30:3,6 18:2 28:15 52:14 53:3 38:23			_		
12:24 19:19 lose 29:7 lot 32:17 45:22 lot 32:17 45:22 lots 19:12 low 10:9 luck 35:13 learned 9:4 leave 5:6 28:20 38:21 left 31:25 49:10 legal 14:9 length 27:21 lose 29:7 lot 32:17 45:22 manufacture		· ·	·		
21:3 29:13 32:17 45:22 lots 19:12 45:13 49:5 11:20 12:25 49:24 low 10:9 luck 35:13 21:11 learned 9:4 leave 5:6 28:20 38:21 left 31:25 49:10 legal 14:9 length 27:21 legal 27:22 legal 27:22 legal 27:23 legal 27:24 legal 27:24 legal 27:24 legal 27:24 legal 27:24 legal 27:25 le			_		
37:16 lots 19:12 45:13 49:5 11:20 12:25 21:11 26:6 laws 3:23 4:5 low 10:9 luck 35:13 4:14,22 5:1 19:1,2 27:8 49:24 21:11 M machine 3:15 market 11:24 30:18 31:3 necessarily 22:4 leave 5:6 28:20 8:13 18:12 materials 18:19 39:1,10 42:8 necessary 5:8 38:21 8:13 18:12 materials 18:19 42:15 48:23 23:5 29:3 legal 14:9 28:17,17 29:3 4:7 10:15 50:17,23 51:17 35:12 length 27:21 29:15 30:3,6 18:2 28:15 52:14 53:3 38:23					•
laws 3:23 4:5 low 10:9 manufacturing 16:2 18:18 49:24 14:13 18:7,23 manufacturing 16:2 18:18 49:24 14:13 18:7,23 market 11:24 19:1,2 27:8 near 27:25,25 14:14,22 5:1 30:18 31:3 25:10 39:13 15:15 49:24 machine 3:15 materials 18:19 39:1,10 42:8 23:5 29:3 16:2 18:18 19:1,2 27:8 necessarily 22:4 18:13 18:12 39:1,10 42:8 23:5 29:3 18:13 18:12 42:15 48:23 23:5 29:3 18:2 28:15 51:24 52:2,9 18:2 28:15 18:2 28:15 38:23					
14:13 18:7,23 luck 35:13 4:14,22 5:1 19:1,2 27:8 near 27:25,25 18:25 49:10 Machine 3:15 machine 3:15 38:21 39:1,10 42:8 necessarily 22:4 18:13 18:12 materials 18:19 39:1,10 42:8 necessary 5:8 18:14:15:19,24 4:7 10:15 50:17,23 51:17 35:12 18:2 28:15 52:14 53:3 38:23					
21:11 Learned 9:4 M machine 3:15 8:13 18:12 23:16,20 28:14 28:17,17 29:3 length 27:21 29:15 30:3,6 18:12 18:12 18:2 28:15 18:12 18:12 18:2 28:15 18:12 18:13 18:12 18:14 33:15,17 30:18 31:3 30:18 31:3 25:10 39:13 18:12 25:10 39:13 18:2 28:15 18:14 15:19,24 25:10 39:13 18:2 28:15					
learned 9:4 M market 11:24 33:14,25 35:12 25:10 39:13 leave 5:6 28:20 machine 3:15 materials 18:19 39:1,10 42:8 necessary 5:8 38:21 23:16,20 28:14 42:15 48:23 23:5 29:3 left 31:25 49:10 23:16,20 28:14 4:7 10:15 50:17,23 51:17 35:12 legal 14:9 28:17,17 29:3 12:14 15:19,24 51:24 52:2,9 necessitate length 27:21 29:15 30:3,6 18:2 28:15 52:14 53:3 38:23	· · · · · · · · · · · · · · · · · · ·	IUCN JJ.1J	,	,	· ·
leave 5:6 28:20 machine 3:15 8:13 18:12 materials 18:19 39:1,10 42:8 necessary 5:8 23:16,20 28:14 4:7 10:15 50:17,23 51:17 legal 14:9 length 27:21 29:15 30:3,6 18:2 28:15 52:14 53:3 38:23		M			_
38:21 8:13 18:12 matter 1:16 3:15 42:15 48:23 23:5 29:3 left 31:25 49:10 23:16,20 28:14 4:7 10:15 50:17,23 51:17 35:12 legal 14:9 28:17,17 29:3 12:14 15:19,24 51:24 52:2,9 necessitate length 27:21 29:15 30:3,6 18:2 28:15 52:14 53:3 38:23				· ·	
left 31:25 49:10 23:16,20 28:14 4:7 10:15 50:17,23 51:17 35:12 legal 14:9 28:17,17 29:3 12:14 15:19,24 51:24 52:2,9 necessitate length 27:21 29:15 30:3,6 18:2 28:15 52:14 53:3 38:23					•
legal 14:9					
length 27:21 29:15 30:3,6 18:2 28:15 52:14 53:3 38:23		· ·		,	
10.2 20.12					
			10.4 40.13	J4.14 JJ.J	
			<u> </u>	<u> </u>	

				Page 60
51:10	23:6 39:7	pages 34:7,19	52:10,12,16	20:1
negotiations	office 1:11 10:21	35:3	patentability	permit 12:25
27:15	11:18 23:17	panel 39:23	33:9 35:20	person 11:11
nervous 9:16	52:10,12,16	paradigmatic	47:19	12:6,9 20:7
never 4:23 5:9	oh 18:6 41:25	27:22	patentable 6:2	33:17 35:13
38:18 41:12	oil 36:4	part 21:12 28:17	6:16,19 8:5,9	42:23 43:1,11
50:17	okay 6:21 9:12	28:21,22 35:6	9:10,22 10:14	43:13
new 4:4,8 6:10	31:19,24 32:18	42:19	11:6,8 12:15	Pete's 16:20
6:11,14,25,25	46:1	participants	16:13 27:8	Petitioner 28:6
8:21 11:4 16:6	old 17:10,10	11:24	31:3,9 32:9	51:3
21:9,12 27:14	46:11	particular 3:14	33:25 34:6	Petitioners 1:5
27:15 29:10,11	Once 37:17	13:19 15:23	35:21 36:6,24	1:21 2:4,9 3:8
30:23 31:2	open 29:9 38:4	17:19 19:3	43:9,23 44:3	39:1
36:12 37:22	38:12,21	23:20 28:25	44:11 45:4,22	phenomena
38:22 42:12,23	operated 27:9	31:4 33:10,19	patented 3:25	21:11
42:24 43:2,9	operation 30:5	35:1,10 40:20	16:23 17:3	phenomenon
43:15,15 44:10	30:25 50:10	45:5 50:13	23:15 27:24	3:24
45:12 46:5,12		parties 34:2,13	32:4 46:8 47:3	
· ·	operations 13:17	40:1	50:22	phone 12:1,2 52:20
46:12,24 50:2 50:6				
	opinion 15:13	party 30:7	patenting 4:5	phrase 44:16
night 50:16	29:8 40:9	pass 22:4	6:3 8:11	phraseology 7:12
nonobvious	opposed 8:13	passed 5:22 21:3	patents 12:25	
39:10,11	12:21 23:6	patent 1:10 3:17	13:23 17:4	physical 11:19
non-technolog	47:17 52:25	5:5 7:4,13 8:5	39:8 47:7	11:22 25:9,13
13:20	opposing 30:7	8:17,20 10:6,9	patent-eligible	25:13,15 27:9
noscitur 49:21	oral 1:16 2:2 3:7	10:21 11:13,18	3:12 18:2	27:19 49:24
note 32:15 38:3	26:15	12:12,24 14:7	28:13 50:18	50:2,7 52:11
notion 13:3	order 28:23	14:13,16,20,21	53:3	52:18
28:10	32:12,20 36:13	14:22 15:10	people 4:17 8:21	picking 52:19,19
novel 10:13	46:16	16:16 17:8	11:17 14:14,16	place 23:7 38:5
39:10 43:7	ordinary 49:13	18:7,23 19:19	16:10 17:6,8	39:15 52:4,24
46:25	organize 6:11	20:10 21:3	19:21,25 27:3	places 34:9
November 1:14	organizing	22:9,24 23:3	27:6 29:9	40:13
number 6:17	51:15	23:17 24:4	34:13,24 39:13	plan 5:25
10:12 17:3,20	original 6:22 9:3	27:17,22 28:1	40:19 45:16	plausible 7:4
39:25	originally 4:14	29:1,13,25	52:20	play 35:16
numbers 36:10	outer 19:8	30:17,19,22	people's 32:2	player 46:8
0	outlines 15:14	31:13 32:5	percent 9:4	please 3:10
$\frac{\mathbf{O}}{\mathbf{O} 2:1 \ 3:1}$	outset 50:21	33:4 34:11	perform 30:4	26:18
	overpatenting	35:10 37:1,9	36:14 42:13	plus 19:20,21
object 25:10	23:5	37:16,24,25	43:15 46:17,24	poems 7:17
objection 30:8	P	38:6,20 39:2	performed 8:4	point 35:4 37:4
objects 49:24		40:11 43:6,12	period 36:5	38:19,24 44:25
obvious 23:9,12	P 3:1	45:17 46:18	permission 7:3	46:4 49:2
32:23	packet 26:7	47:3,12 49:1	20:1	points 32:10,19
obviousness	page 2:2 10:1	49:18 51:12,20	permissions	posed 39:25
10:20 16:4	45:10,11			
	•	•	•	•

	Ī	Ī	l	
position 9:22	32:7 45:6	properly 40:20	28:21 35:9,23	refer 49:23
15:3 41:9 48:6	problems 21:23	PROPERTY	39:25 48:3,8	referred 5:13
possibility 38:4	23:2 29:23	1:9	51:8	40:23
38:21	32:2 40:22	proposal 18:6	quite 17:13 50:4	regarded 40:20
possible 7:1	47:18	proposed 23:16	quotes 17:22	regarding 37:11
32:16	process 4:4 5:24	protect 18:7		reject 9:13 22:23
potential 35:2	8:2,14 10:6	protection 5:8	R	22:24
50:22	12:17 16:18	20:10 30:22	R 3:1	rejected 23:17
potentially 6:19	18:6,13,14,17	provide 5:18	radio 22:2	23:18 24:6,18
9:11 42:9	21:3,7,8,9	48:2	raised 28:6 30:8	24:20
45:14	22:15,25 27:10	provided 14:24	32:16	rejection 51:17
practical 21:14	28:13,18,18,21	29:8	RAND 1:3	related 14:3
52:7,9	29:25 30:2,14	provider 11:23	range 17:12	23:19 24:11
Practically	30:14,20 31:3	providers 10:3	50:5	relationship
21:21	33:9,11,12,13	provides 8:1	rapidly 37:22	21:20
practice 26:23	34:5 36:3,5	provision 10:20	raw 18:18	relied 52:12
29:20	38:19 40:23	PTO 28:23 37:2	read 3:20 40:9	rely 37:14
precedence 3:19	41:2 42:6,9,22	46:22	49:14	relying 5:11
precedent 4:2	42:24 43:7,9	public 14:18,19	reading 23:17	remain 48:8
precise 28:25	45:3,5,12,20	14:25 27:14	real 21:22 25:10	remaining 51:1
35:15	45:21 49:10,13	puddle 33:16	52:14,24	remedies 5:20
preclude 38:11	49:22 50:2,4,9	pull 32:18	really 8:20 9:3	remember 46:19
precluding	50:19 51:7	pulled 31:21,22	10:25 11:3	reply 41:11
37:16	52:19,25	pulling 31:22	16:4,22,25	reports 49:5
prefer 28:8	processes 4:9,22	punched 36:22	20:2 21:12	represent 25:9
present 37:10	4:23,24 5:1 6:4	purely 12:7 53:1	23:3 24:21	represents 39:12
presented 44:1	27:20,23,23	purpose 6:22	28:13 32:17	reproduced
previously 44:12	28:16 51:6	9:15 44:15	35:5 37:10	45:10
pre-empt 28:3	53:1	purposes 37:24	43:3,8 46:6	require 6:24
pre-existing	produce 19:22	39:11	49:12 50:19	11:16 46:19
36:9	46:24	put 5:7 39:18	51:15,17	required 3:18
price 10:4,5	product 19:25	43:24	realm 27:9,18	4:10 19:13
19:25 34:3,4	productive	p.m 1:18 3:2	40:10	requirement
52:23	49:25	53:6	reargument	3:13 13:5
primary 28:8	program 45:19	0	39:25	14:13
principle 3:20	46:12	qualify 25:8	reason 27:8 reasonable 7:9	requirements
29:2 41:14	programmed	_ •		6:5 12:17
principles 4:6	30:4,23 36:12	quality 50:16 question 9:2	reasoning 52:2 reasons 40:18	requires 14:8,14
9:20 15:15	42:10 43:14	13:11 15:1	43:21 49:19	52:22
prior 5:18 10:22	44:2 49:3	17:15 20:22	REBUTTAL	research 13:17
11:16 39:12	programming	21:2 22:19	2:7 51:2	reserve 26:10
51:21	44:10 46:23	35:6 36:3	recognized 3:22	resist 6:1 28:10
probably 9:8	programs 42:12	37:11 43:8,8	47:17 51:19	resolving 48:2
24:22	progress 7:3	43:25 44:9	reduce 6:17 32:5	respect 20:5,6,7
problem 17:6	prohibition 4:5	51:9,11	reduced 9:8	20:13,13 23:16
19:3 31:24	prong 32:24	questions 26:10	11:14	28:16
		questions 20.10	11.17	

				Page 6.
Respondent	30:10 38:13	43:18,19,19	situation 20:12	24:15,25 25:1
1:24 2:6 26:16	47:16 48:22	51:18	32:8 34:15	25:10,11,12,12
responsive 35:5	run 7:1 10:20	see 5:14 10:11	47:11	25:18,22,23,25
rest 24:6,11	11:16 23:2	18:12 31:24	situations 33:13	27:11,13
26:11	runs 51:18	32:14 36:11	skilled 39:13	Space 48:24
rests 12:24		seen 5:9	skip 24:10	speak 51:23
result 51:21	S	segment 28:18	slow 20:2	speaking 7:16
52:8	S 2:1 3:1	sell 10:9	small 28:18	27:15
reversed 3:13	safer 29:20	sellers 10:8	society 8:11	speaks 13:6
review 37:2,2	sake 9:16 16:20	sells 36:19,21	sociis 49:21	special 44:15
Revolution 4:25	sale 52:23	sense 12:21	software 31:2	specific 3:15
Rich 17:15	satisfy 43:18	33:15 39:3	36:12 37:6	15:18
right 13:14	saying 7:24 34:4	40:15 50:15	43:15 44:10,13	specifically
14:20 20:14	34:19 37:1,14	52:4	46:24 47:19	34:24
28:4 38:9	45:16,25 46:3	series 10:2,7,8	48:4	speech 49:13
45:11,23 46:2	47:5 52:12	11:23 12:15	sole 51:6	speed 7:13
47:7	says 4:4,12 21:9	33:18 36:14	solely 53:1	spent 34:7
rights 5:18	31:17 36:3,17	49:14	Solicitor 1:22	spoken 20:20
14:24 51:21	40:10 42:24	serious 17:6	7:11 17:22	sponte 39:22
rigid 3:11 28:11	45:11	set 9:8 10:4,5	solve 35:9	stand 18:1
51:10	Scalia 4:11	11:14 12:3	solved 32:2	standard 39:7
rigidly 19:11	14:19 16:5,15	21:4 39:22,24	somebody 4:16	start 26:19
risk 8:23 11:7	16:19,22 17:10	47:4,5	16:23,25 34:25	31:15
28:4 39:3,15	24:24 25:4,12	setting 34:3	37:23 46:5	state 14:4 17:25
50:18	25:16,18,22	47:13	47:11	18:2 29:25
risks 29:11	26:2,24 27:2	seventies 15:25	somebody's	30:11,17 32:22
road 35:24	31:8	shipping 11:3	52:25	32:22 33:8
47:10	scheme 5:5	shoe-horning	someone's 53:2	41:16,19,22
ROBERTS 3:3	34:10	37:18	sorry 11:21 40:4	42:1,6,11
9:25 10:16	science 13:1	shorthand 40:15	44:17	43:12,22,23,25
11:21 12:1	40:12	show 5:2	sort 22:16 32:5	44:5,21 51:23
22:23 26:12	sciences 7:12	side 43:11 49:12	33:2 34:10	States 1:1,17
33:22 34:18	scientific 22:14	49:17	37:9 48:23	station 36:22
35:17 36:2,16	se 9:21	sides 52:20	SOTOMAYOR	statistics 12:10
40:4 42:16	search 7:2 36:22	sign 34:23	7:8,21,24 8:10	12:10
50:25 52:18	second 14:15	signal 22:17	8:16 13:22	statute 3:17 4:9
53:4	35:5 40:21	signals 18:20,25	14:1,7 18:24	5:20 8:1 9:15
rolling 33:16	50:8	22:12,16,18	20:23 21:1,15	20:16 23:3
root 18:20	secret 8:25	similar 31:16	21:19 22:6	32:5 41:21,23
rooted 52:14	14:15	similarly 30:25	23:8,11,14,23	45:9 49:1,18
rubber 18:18	SECRETARY	simple 29:13	23:25 24:3,10	51:19,21
rubric 42:21	1:8	simplicity 40:9	24:17 29:12	statutory 4:3 5:5
rule 15:22 28:10	secrets 17:9	simply 13:10	30:10,13 37:13	6:4 7:20 12:17
ruled 15:24 31:6	section 3:16,20	18:20 29:21	38:9 39:5	30:1,2 42:22
rules 28:25	3:22 5:17 8:5	33:25 34:25	sought 17:8 39:2	step 40:24 41:1
ruling 29:17	10:21 30:8	36:8 37:5 47:3	sound 22:3	48:11,13 52:19
6	39:11 42:7			,
	l	l	l	l

				Page 6.
steps 6:17 9:8	15:19,24 18:2	12:6 16:9	tells 15:17	20:2 28:9
11:14,19,22	45:4	22:10 32:10	term 4:12,13	31:15 32:15
12:16 14:9,9	submitted 53:5	35:20 38:5	12:20 30:2,2	33:4 37:17,21
33:18,20 49:15	53:7	taken 39:15	42:22 49:10,13	42:8,25 45:22
52:11	substance 8:13	takeover 6:1	49:22 50:9	48:18 50:6
STEVENS 15:1	18:13,25 27:16	takes 12:9 23:7	terms 6:18 11:15	think 5:15 6:23
15:5,7,9,12,16	29:16 50:2	34:6 52:24	13:7 20:21	7:14,17 8:10
15:20 17:14,18	52:4,6	talk 41:19	34:14 47:18	9:19 11:5,9,12
43:5 44:17,23	substantial 41:1	talking 13:8	49:22,23	11:18 13:16
45:2 46:10,18	substantiality	29:19	test 3:12 4:8	15:2,11,23
Stewart 1:22 2:5	35:15	tangential 35:18	19:11 21:24	16:10,17 17:5
26:14,15,17,25	substantive 19:6	tasks 31:4,5	22:1,4 23:6	17:21 18:1,21
27:2 28:7	substitute 22:24	42:13	25:2,6 26:3,22	19:10 20:15,22
29:22 30:12,16	succeed 6:16	tax 5:22,24,25	32:9,24 35:7	21:8,25 22:5
31:11,18 32:10	success 46:22	teachers 9:9	37:15,18 38:8	22:24 23:1
32:12,19 33:22	successful 6:8,9	teaching 9:3	38:10 39:19,19	25:14,16 26:2
34:8,22 35:22	6:24	17:2,5,7 29:11	40:2,14,15	26:5 27:4 28:7
36:8,25 37:20	sued 17:6	technique 34:23	41:4,6,8,13,17	29:4,5,22
38:16 39:9,17	sucu 17.0 sufficient 29:1	technique 34.23	42:20 44:6,7	30:16 32:23
39:21 40:6,14	39:12	27:14,15,15	44:22 46:6	34:22 35:6
41:18,25 42:5	sufficiently 41:1	37:7 39:3,15	48:14,17 49:11	36:2,8 38:16
42:18 43:10,24	sufficiently 41.1 suggesting 13:22	48:4	51:5,6,10	40:15 41:3
44:7,20,25	suggesting 13.22 suggestion 9:18	technological	52:17	43:4,10,22
45:8,24 46:3	suggestion 9.18 sun 5:9 49:7	22:1 40:21	testing 31:15	44:13,20,23,24
46:14,21 47:15	sun 3.9 49.7 support 4:3	41:2,4	tether 7:11	45:24 46:14,15
47:23,25 48:12	supports 15:3	technologically	text 45:9	46:15,21 47:8
48:21	supports 13.3 suppose 9:12,13	21:5	thank 20:17	47:23,25 48:6
stop 7:2	9:15 31:14	technologies	26:11,12 50:25	48:9,13 51:9
stop 7.2 store 36:21	43:21	37:11,18,23	51:4 53:4	51:16,18 52:11
store 30.21 storehouse	Supreme 1:1,17	technology 7:10	that's 7:9 9:14	52:15 53:2
21:12	supreme 1.1,17 sure 32:9	12:19,20 13:1	18:25 22:6,9	
· ·				thinks 6:10,11
strange 50:4	surely 50:3	13:2,15 14:4	theory 16:13	6:12,25
Street 17:25 18:3 29:25	surgical 8:4,22	29:15 38:22	there's 12:18 20:3 32:17	third 50:14
	sweeping 31:7 switches 45:19	40:10,11,12,17 40:24 49:15	50:15	thought 4:20
30:11,18 41:16	47:13			5:14 16:23 20:17 33:23
41:20,22 42:1		technology-ba	They've 31:22 thing 6:11 10:7	
42:6,11 43:12	system 5:5 8:21	13:3,9,13	23:15 24:3	42:2 45:15
43:22,23,25	14:16,23 37:23	telegraph 23:16		47:2,21,22
44:5,21 51:23	systems 13:2,5	telegraphy 23:22	32:20,22 33:8	48:1,5
strong 50:15	13:12		41:7 43:6 50:8	three 49:19
strongest 15:2	T	telephone 6:12	50:14	threshold 23:7
students 9:4	T2:1,1	26:20 50:11	things 7:16,18	thrown 52:16
stupid 44:18	table 11:7	television 46:7	7:20 8:22 9:5	tie 7:11
sua 39:21	tables 11:2	49:3,7	11:17 15:18	tied 3:14 13:1
subject 3:15 4:7	tailoring 5:7	tell 20:8 40:3	16:16 17:21,21	21:5 29:15
10:15 12:14	take 5:10 9:14	telling 20:5	19:12,18,19	time 26:11 27:21
	unc 5.10 7.14			

	I		I	
today 16:9 18:18	trying 19:5	21:16,19 30:24	49:17 51:16	wouldn't 47:3
20:6 24:22	32:14,15 36:19	45:12 52:8	52:3	writes 4:16
44:5	37:4,7 51:12	user 5:18 51:21	ways 17:13	written 11:15
tool 33:19	turn 47:12		34:10 50:12	17:18,20
totality 41:14	turning 22:16	V	wealth 10:10	wrong 4:18
touch 18:12	two 8:20 19:18	v 1:6 3:5 15:6,25	Website 34:12	18:22 23:18
tracking 34:24	19:20,20,21,24	33:12,13 41:10	34:25	38:14
TRADEMARK	32:4 34:9	vacuum 20:24	weeding 39:7	wrote 17:23,24
1:11	38:12 40:18	valid 14:22	went 30:7	
train 16:12	type 18:17 33:11	valuable 21:25	weren't 52:1	X
training 16:9	34:5 51:10,24	27:17	we're 37:15	x 1:2,12
transaction 35:2	types 4:24	various 30:4	47:16	Y
52:21	typewriter 34:5	42:13	we've 17:3,5	
transactions	typically 6:8	vast 6:24	35:22	years 13:21,24
10:3,7,8 11:23		veers 37:13	we'd 47:22	39:16
36:18	U	vehicle 37:7	we're 29:20 32:9	Yellow 34:19
transform 3:15	underlying 26:8	48:2	51:11	35:3
42:17,18 49:9	understand	version 40:15	whatnot 16:7	0
transformation	21:10 23:14	vice 35:7	What's 4:18	08-964 1:6 3:4
19:8,11,13	43:5 45:2	view 6:14 7:4	wheels 7:2	00-704 1.0 3.4
21:23,24 22:4	understood	9:13,14 11:5,8	whisperers	1
25:2,6,8 28:15	33:23	26:21 42:4,21	16:10	1 10:1,12,17
29:3,16 31:13	undertaken 39:4	views 18:1,1	win 4:17 27:3	11:14,15 43:18
32:1 33:2,3,7	undulating 22:3	vigorously 28:10	28:8	1:00 1:18 3:2
35:11,16,25	24:14	vintage 41:9	wire 24:12 25:20	1:55 53:6
38:2,21 41:13	unforeseen 3:21	virtue 35:7	25:24	100 13:21,24
42:3,19 46:6,9	38:5,22	W	wires 25:23	101 3:16,20,22
48:14 49:16	United 1:1,17		wonderful 9:2	4:7 39:6 42:7
50:11 51:11	unobvious 10:14	want 11:10	won't 5:13	102 30:8 39:6
52:5,6	unpatentable	22:11 37:5	word 12:19 19:8	43:19
transformed	28:2	wanted 6:24	21:7,15 33:21	103 10:21 30:9
25:23,25 27:11	unresolved	11:10	50:2,4	39:6,11 43:19
27:13 33:5	31:25 48:8	wants 51:15	words 21:10	1680 10:25
transforming	unsuitable 48:2	WARSAW 1:4	22:10,25 31:16	19 10:1
24:25 32:21	unsure 29:20	Washington	31:16 49:6	19th 20:4
transmission	use 14:20 17:9	1:13,20,23 7:1 36:23	50:6,17 51:18	1952 21:3 49:5
26:6,6	19:25 21:6	wasn't 23:13	work 13:2,9,11	1971 41:11
transmit 24:12	23:15,19 31:4	30:13	20:24,24	
24:15 26:7	32:25 33:6,19		workmen 4:15	2
transmitted	34:2,4 35:19	way 6:11 7:7 9:14 12:6	world 21:22	2 36:5 45:10
22:19 25:20,22	36:6 37:7 45:5	13:15 16:12	29:18,18 52:14	20 10:1
25:24 27:12	45:20 47:14	20:5 22:12	52:24	200 39:16
transmitting	useful 3:21 4:4	26:22 37:14	wouldn't 6:9 7:6	2009 1:14
22:3 24:8	4:13,19,21 5:3	40:24 42:1	13:9,21 17:1	26 2:6
true 10:19 20:12	6:15 7:12,15	43:24 44:8,18	22:4 28:19	273 5:17 51:19
22:9 48:9	7:22 8:19	44:19,19,22	29:20 33:2	287(c) 5:19 8:6
	12:18 21:9,13	111 .17,17,∠∠		

		Page 65
3		
3 2:4		
4		
4 51:1		
5		
5 22:20		
51 2:9 52 17:16		
53 34:7		
8		
8 24:6,7,21		
80 9:4 32:16		
9		
9 1:14		

CERTIFICATION

Alderson Reporting Company, Inc., hereby certifies that the attached pages represent an accurate transcription of electronic sound recording of the oral argument before the Supreme Court of The United States in the Matter of: BERNARD L. BILSKI AND RAND A. WARSAW, Petitioners, v. DAVID J. KAPPOS, UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR, PATENT AND TRADEMARK OFFICE; and that these attached pages constitute the original transcript of the proceedings for the records of the Court.

REPORTER

Raymond R. Her W