IN THE UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF TEXAS MARSHALL DIVISION

FUNCTION MEDIA, LLC * Civil Docket No. * 2:07-CV-279

VS.

* Marshall, Texas
* 
* January 19, 2010

GOOGLE, INC. * 8:30 A.M.

BEFORE $\frac{\text { TRANSCRIPT OF JURY TRIAL }}{\text { THE HONORABLE CHAD EVERINGHAM }}$ UNITED STATES MAGISTRATE JUDGE

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COURT SECURITY OFFICER: All rise.
(Jury in.)
THE COURT: Okay. Thank you. Please be
seated.
Morning, Ladies and Gentlemen. Thank you
for being here timely.
We're going to begin today's morning
session with some preliminary instructions that I'm
going to give you. We'll follow that with the opening statements from the lawyers. And probably by the time we've concluded with opening statements from both sides, it will be time for our morning recess. So that will be
the schedule going forward this morning.
I'll try to take a recess every morning
10 after 10:00 or so, or 10:15; take a 20-minute recess,
and then we'll come back and work until noon. I'll try
to break near noon and then come back about 1:15, and
then take an afternoon recess as well.
So that will be kind of the day's
schedule, and we'll conclude between 5:00 and 5:15 every
day.

Members of the Jury, you have previously been sworn as the jury to try this case. As the jury, you will decide the disputed questions of fact. As the Judge, $I$ will decide all questions of law and procedure.

From time to time, during the trial and at the end of the trial, I will instruct you on the rules of law that you must follow in making your decision.

This case involves a dispute relating to United States patents. Before summarizing the positions of the parties and the legal issues involved in the dispute, let me take a moment to explain what a patent is and how one is obtained.

The United States Constitution grants Congress the powers to enact laws to promote the progress of science of special useful arts by securing
for limited times to authors and inventors the exclusive right to their respective writings and discoveries. With this power, Congress enacted the patent laws.

Patents are granted by the United States Patent and Trademark Office, sometimes called the PTO.

The process of obtaining a patent is called patent prosecution. A valid United States patent gives the patent owner the right for up to 20 years from the date the patent application was filed to prevent others from making, using, offering to sell, or selling the patented invention within the United States or from importing it into the United States without the patent holder's permission.

A violation of the patent owner's rights is called infringement. The patent owner may try to enforce a patent against persons believed to be infringers by a lawsuit filed in federal court.

To obtain a patent, one must file an application with the PTO. The PTO is an agency of the federal government and employs trained examiners who review applications for patents.

The application includes what is called a specification, which must contain a written description of the claimed invention telling what the invention is,
how it works, how to make it, and how to use it so others skilled in the field will know how to make and use it.

The specification concludes with one or more numbered sentences. These are the patent claims. When the patent is eventually granted by the PTO, the claims define the boundaries of its protection and give notice to the public of those protections and of those boundaries.

After the applicant files a patent application, a PTO Patent Examiner reviews the patent application to determine whether the claims are patentable and whether the specification adequately describes the invention claimed.

In examining a patent application, the Patent Examiner reviews records available to the PTO for what is referred to as prior art. The Examiner also will review prior art, if it is submitted to the PTO by the applicant.

Prior art is defined by law, and at a later time, $I$ will give you specific instructions as to what constitutes prior art. However, in general, prior art includes things that existed before the claimed invention that were publicly known or used in a publicly accessible way in this country or that were patented or
described in a publication in any country.

The Examiner considers, among other things, whether each claim defines an invention that is new, useful, and not obvious in view of the prior art.

A patent lists the prior art that the Examiner considered. This list is called the cited references. After the prior art search and examination of the application, the Patent Examiner then informs the applicant in writing what the Examiner has found and whether any claim is patentable, and thus will be allowed. This writing from the Patent Examiner is called an office action.

If the Examiner rejects the claims, the applicant then responds and sometimes changes the claims or submits new claims. This process, which takes place only between the Examiner and the patent applicant, may go back and forth for some time until the Examiner is satisfied that the application and the claims meet the requirement for a patent.

The papers generated during this time of communicating back and forth between the Patent Examiner and the applicant make up what is called the prosecution history. All of this material becomes available to the public no later than the date when the patent issues.

The fact that the PTO grants a patent
does not necessarily mean that any invention claimed in the patent, in fact, deserves the protection of a patent.

For example, the PTO may not have had available to it all of the information that will be presented to you. A person accused of infringement has the right to argue here in federal court that a claimed invention in the patent is invalid, because it does not meet the requirements for a patent.

Let's take a moment to look at the patents in this case. You were provided with a notebook this morning that has in it a glossary of claim terms and the two patents that are at issue in this case.

If you'll flip to the second tab, you'll
see the '025 patent. If you'll flip over to -- I believe it's the third page -- show it to you. This is what's referred to as the cover page of the patents. The cover page of the patents provide identifying information, including the date the patent issued, which is up in the top right-hand corner, the patent number along the top, as well as the inventors' names, the filing date, and a list of the cited references considered by the PTO.

The specification of the patent begins with an abstract, which is also found on the cover page.
In your copy, it will be over in the right-hand column under the heading abstract.

The abstract is a brief statement about the subject matter of the invention. Next come the drawings.

If you'll flip the page a couple of pages over, you'll see a series of drawings.

The drawings illustrate various aspects or features of the invention. At the conclusion of the drawings, you will find the written description of the invention.

I believe it's after Figure 5(h), which is the last drawing.

The written description is organized into two columns on each page.

The next several pages include the written description, and if you'll flip over, $\quad$ believe that it's Column 64 of the '025 patent.

At the bottom of Column 64, the specification ends with numbered paragraphs. The numbered photographs are the patent claims. The patent claims determine the scope of the invention. With respect to the '025 patent, the patent claims are included through the end of the patent, Column 88.

Now, to help you follow the evidence, I
will now give you a summary of the positions of the parties. The Plaintiff in this case is Function Media, LLC. The Defendant in this case is Google, Incorporated.

The patents involved in this case are U.S. Patent Nos. 7,240,025 B2 and 7,249,059 B2. For convenience, the parties and $I$ will often refer to the patents by the last three digits of the patent number. So in other words, this case involves the '025 patent and the '059 patent.

The Plaintiff filed suit in this Court seeking money damages from the Defendant for allegedly infringing Claims 1, 20, 37, 52, 63, 90, 179, and 231 of the '025 patent, and Claim 1 of the '059 patent.

The Defendant denies that it infringes the asserted claims of the '025 and '059 patents. And the Defendant also contends that the patents are invalid.

Your job will be to decide whether Claims 1, 20, $37,52,63,90,179$, and 231 of the 025 patent, and Claim 1 of the ' 059 patent, have been infringed.

If you decide that any of these claims have been infringed, you must consider the Defendant's defenses and then determine any money damages to be awarded to the Plaintiff to compensate it for the
infringement.

Now, it is my job as Judge to determine the meaning of any claim language that needs interpretation. You must accept the meanings I give you and use them when you decide whether any claim of the patents have been infringed and whether any claim is invalid.

You have been provided with a copy of the meanings $I$ have adopted for certain claim terms, and that -- those meanings are included in the glossary of claim terms in the beginning -- on the first tab of your notebook.

I'm going to give you an outline of the trial at this point.

Soon, the lawyers for the parties will make what is called an opening statement. Opening statements are intended to assist you in understanding the evidence. What the lawyers say is not evidence. After the opening statements, the parties will present their evidence.

After all the evidence is presented, the lawyers will again address you to make final arguments. Then $I$ will instruct you on the applicable law. You will then retire to deliberate on a verdict.

I'll now say a few words about your
conduct as jurors. First, you are not to discuss this
case with anyone, including your fellow jurors, members
of your family, people involved in the trial, or anyone
else nor are you allowed to permit others to discuss the
case with you.

If anyone approaches you and tries to talk to you about the case, please let me know about it immediately.

Now, occasionally you may pass a lawyer involved in the case or a witness or a member of their staff in the hallways. We're in fairly close quarters in this building. If those folks look at the ground and avert your gaze, please don't assume that they're being rude or standoffish. They're trying to follow the rules of the court and avoid any contact with jurors.

So, please, if they don't talk to you or don't approach you, don't hold it against the lawyers, okay? The lawyers, under the rules of the court, are prohibited from having direct contact with the jurors. So I always try to tell my jurors that they're not being rude; they're just trying to abide by the rules of the Court, okay?

And, second, do not read any news stories or articles or listen to any radio or television reports about the case or about anyone who has anything to do
with it.

Third, do not do any research, such as consulting dictionaries, searching the internet, or using other reference materials, and do not make any investigation about the case on your own.

Fourth, if you need to communicate with me, simply give a signed note to the bailiff to give to me.

And, fifth, do not make up your mind about what the verdict should be until after you have gone to the jury room to decide the case, and you and your fellow jurors have discussed the evidence. Keep an open mind until then.

And during the trial, it may be necessary for me to confer with the lawyers out of your hearing or to conduct a part of the trial out of your presence. I'll handle these matters as briefly and as conveniently for you as $I$ can, but you should remember that they are a necessary point of any trial.

Let's talk about what constitutes evidence. The evidence you are to consider in deciding what the facts are consists of, one, the sworn testimony of any witness; two, the exhibits which are received into evidence; and, three, any facts to which the lawyers stipulate.

Now, the following things are not evidence, and you must not consider them as evidence in deciding the facts of this case:

One, statements and arguments of the
attorneys; two, questions and objections of the
attorneys; three, testimony that $I$ instruct you to disregard; and finally, fourth, anything you may see or hear when the Court is not in session, even if what you see or hear is done or said by one of the parties or by one of the witnesses.

Let's talk about direct and circumstantial evidence. Evidence may be direct or circumstantial.

Direct evidence is direct proof of a fact, such as testimony by a witness about what that witness personally saw or heard or did.

Circumstantial evidence is proof of one or more facts from which you could find another fact.

Now, I'm going to give you an example that I've used in the past in other trials. It seems to work fairly well in illustrating the difference between direct and circumstantial evidence.

I have an eight-year-old son, and he really likes cake, okay? Occasionally on the weekends, his mother will bake a simple yellow sheet cake, set it
out to cool. When it becomes cool, she'll frost it with chocolate frosting. That's his favorite kind of cake. He knows that he's not supposed to eat cake until after dinner, but if $I$ were to go into the kitchen and find a corner of that cake missing and crumbs across the dining room floor into his bedroom, I might find him in his closet with chocolate -- in his closet with chocolate frosting on his cheeks and a big grin on his face. I might say: Son, did you eat a piece of cake, and he might tell me no, okay? That would be direct evidence. That's testimony of a witness about -- or by a witness about what the witness saw or heard or did.

Now, as a parent, $I$ might choose to disbelieve that direct evidence in favor of the circumstantial evidence of the missing piece of cake, the crumbs across the floor, the frosting on his cheeks, and the grin on his face.

So the jurors are required to consider both types of evidence, both direct and circumstantial. And that's why the law makes no distinction between the weight to be given either direct or circumstantial evidence. It's for you to decide how much weight to give any evidence.

Now, in deciding the facts of this case, you may have to decide which testimony to believe and
which testimony not to believe. You may believe everything a witness says, part of it, or none of it. In considering the testimony of any witness, you may take into account, first, the opportunity and ability of the witness to see, hear, or know the things testified to; second, the witness' memory; third, the witness' manner while testifying; fourth, the witness' interest in the outcome of the case and any bias or prejudice; fifth, whether other evidence contradicted the witness' testimony; sixth, the reasonableness of the witness' testimony in light of all the evidence; seventh, any other factors that bear on believability.

The weight of the evidence as to a fact does not necessarily depend on the number of witnesses who testify. You must consider only the evidence in this case. However, you may draw such reasonable inferences from the testimony and exhibits as you feel are justified in the light of common experience.

You may make deductions and reach
conclusions that reason and common sense lead you to make from the testimony and the evidence. That's a long way of saying do not check your common sense at the courthouse door.

It's your collective common sense that separates you from the rest of the folks in the
courtroom and enables you to best decide the facts and issues that you're going to be called upon to decide in this case.

The testimony of a single witness may be sufficient to prove any fact, even if a greater number of witnesses may have testified to the contrary, if, after considering all the other evidence, you believe that single witness.

Talk about burdens of proof. We hit on this in jury selection briefly, but when a party has the burden of proof on any claim or affirmative defense by a preponderance of the evidence, it means you must be persuaded by the evidence that the claim or affirmative defense is more likely true than not true.

You should base your decision on all of the evidence regardless of which party presented it.

Now, when a party has the burden of proving any claim or defense by clear and convincing evidence, it means the party may persuade you that it is highly probable that the facts are as that party contends. Such evidence requires a higher standard of proof than proof by a preponderance of the evidence.

Again, you should base your decision on all of the evidence regardless of which party presented it.

Now, when knowledge of a technical subject matter may be helpful to the jury, a person who has special training or experience in that technical field, called an expert witness, is permitted to state his or her opinion on those technical matters.

However, you are not required to accept that opinion. As with any other witness, it is up to you to decide whether to rely on it.

During the trial of this case, certain testimony may be presented to you by way of depositions. The testimony of a witness who, for some reason, cannot be present to testify from the witness stand is usually presented either in writing or by way of video under oath in the form of a deposition.

Such testimony is entitled to the same consideration, and insofar as possible, is to be judged as to credibility, weighed, and otherwise considered by the jury in the same way as if the witness had been present and had given from the witness stand the testimony read or shown to you from the deposition.

Now, it's the duty of the attorney on each side of a case to object when the other side offers testimony or other evidence which the attorney believes is not properly admissible. Upon allowing testimony or other evidence to be introduced over the objection of an

1 attorney, the Court does not, unless expressly stated, indicate any opinion as to the weight or effect of such evidence.

As stated before, the jurors are the sole judges of the credibility of all witnesses and the weight and effect of all of the evidence.

When the Court has sustained an objection
to a question addressed to a witness, the jury must disregard the question entirely and may draw no inference from the wording of it or speculate as to what the witness would have said if permitted to answer any question.

Now, the law of the United states permits the Judge to comment to the jury on the evidence in the case. Such comments are only expressions of the Judge's opinion as to the facts, and the jury may disregard them entirely, since the jurors are the sole judges of the facts.

Now, this conclude my preliminary remarks and instructions, Ladies and Gentlemen.

Is the Rule to be invoked?
MR. TRIBBLE: We haven't discussed that,
Your Honor, but $I$ thought it would be invoked after opening argument.

THE COURT: Well, I'd like to go ahead
and swear the witnesses, if I can, if it's going to be
invoked.
MR. TRIBBLE: Very well.
Gil, do you want to invoke the Rule?
MR. GILLAM: Yes, Your Honor, with the
exception of experts, Your Honor.
THE COURT: All right. Well, do we have
witnesses who are here that can come inside the bar and
be sworn at this time?
MR. TRIBBLE: Your Honor, we have a
two-person Plaintiff here, two-person company. We would
like Lucinda Stone excepted from the Rule as well.
THE COURT: Okay.
MR. VERHOEVEN: We have no objection with
that, Your Honor.
THE COURT: Okay. If they come inside
the bar, I'll go ahead and --
(Witnesses sworn.)
THE COURT: Okay. Well --
MR. VERHOEVEN: I'm sorry, Your Honor.
We have an expert here as well. I apologize.
THE COURT: That's alright. I'll just
swear him at the time he takes the stand.
MR. VERHOEVEN: Thank you, Your Honor.
THE COURT: All right. Well, those
witnesses who were just sworn included expert and two
party representatives, and I understand there's no
objection to excepting the party representatives; is
that correct?
MR. VERHOEVEN: That's correct, Your
Honor.

THE COURT: Okay. Those experts will be exempt from the Rule. But with respect to the other witnesses, counsel understands their obligation that they need to retire from the courtroom and remain outside the presence, hearing, and proceedings in Court and are not to discuss the case among themselves or with anyone else, the only exception being they may discuss it with the lawyers.

The Plaintiff may address the jury.
MR. TRIBBLE: Thank you, Your Honor.
MR. VERHOEVEN: Your Honor,

Mr. Verhoeven. May I have a side-bar, please?

THE COURT: Yes.

MR. VERHOEVEN: Thank you.
(Bench conference.)
MR. DEFRANCO: I do believe that the parties exchanged demonstratives last night to be used in openings, and there are a couple of objections that we probably should address rather than interrupting the
flow of the argument.
THE COURT: I'm in chambers every morning
at 8:00 o'clock before we start trial. I've been there
since 7:30 this morning. I understand that my clerk
came out to see you before trial to see if y'all needed
to see me about anything.
So, you know, what are the objections?
MR. DEFRANCO: You-all had some
objections to our slides, didn't you? Are you going to
let them pass?
MR. TRIBBLE: Yeah, sure.
MR. DEFRANCO: Okay.
MR. TRIBBLE: We'll let them pass.
THE COURT: All right. The objections
have been withdrawn by both sides.
Proceed.
MR. VERHOEVEN: If we see anything in the
future -- if we have something before the Court, we
should --
THE COURT: Yes, particularly, if my
briefing attorney comes out and inquires if there's
anything to take up. So it's -- yeah, I'll be in
chambers every morning by 8:00, 30 minutes before we
start with the jury.
MR. VERHOEVEN: Thank you.

THE COURT: The objection is withdrawn. Let's proceed.
(Bench conference concluded.)

MR. TRIBBLE: Good morning.

My name is Max Tribble, and $I$ represent

Function Media as well as its owners, Michael Dean. Please stand.
(Complies.)

MR. TRIBBLE: And Lucinda Stone.

You'll hear from Michael Dean as the very first witness in this trial, and you'll hear later on in the case from Ms. Stone. You'll also hear during this case from the attorneys, Mr. Robert Parker, Joe Grinstein, and Justin Nelson.

And what you'll hear is that this is a case about property rights, intellectual property rights. Function Media holds patents that give it the exclusive right to revolutionary, specialized technology for handling internet advertising in a way that allows millions of advertisers to advertise on millions or even billions of web pages in a way that is automated, easy to use, and more profitable than anything that had come before, and in a way that sends customized ads, customized for each website according to the rules for their particular website.

The evidence will show that Michael Dean and Lucinda Stone conceived of their invention in 1998. They disclosed their invention to the Patent Office in January of 2000 . And they applied for a series of patents, which, after going through the lengthy examination process that you saw the video about a few weeks ago, the Patent Office granted a series of patents relating to their invention.

This lawsuit is about two of those patents, the '025 and the '059, which are in your juror notebooks.

Now, Function Media has brought this lawsuit to enforce its patent rights. As you will hear from Google's own expert, the most important patents usually have to be litigated, because major infringers rarely want to pay the full value of what the inventions are worth.

And it is quite appropriate that we're here today in Marshall, a town named for John Marshall, the longest serving Chief Justice of the United States Supreme Court, a man who devoted his entire life to the rule of law, regardless of the size and the form of the parties before him.

Now, our -- as you heard from the Court, our Founding Fathers thought that patent protection is
so important that they wrote it into the United states Constitution. And our law provides that every patent, including these patents at issue here -- every patent provides the patent holder the exclusive right or the right to exclude all others from making, using, or selling the patented invention.

And in this way, a patent is like a deed to property. And like any property owner, the patent holder has the absolute right to keep all others off its property. If someone trespasses or uses your property, the law requires that they pay for that use.

And patent law is the same way. And like trespass, it doesn't matter whether the patent infringer knew about the patent or not. If Exxon drilled a well on your property and generated $\$ 5$ billion in revenues, they would have to pay you a reasonable royalty, a percentage of what they generated from drilling a well on your property, regardless of whether they knew it was your property or not.

And it is also no defense to complain
that the patent holder never implemented the invention, never sold it, or was just too small to have generated as much money.

If Exxon drilled a well on your land, it would still have to pay you a reasonable royalty, even
if you didn't have oil rigs yourself or refineries, even
if you didn't drill the well yourself. It's your
property. It doesn't matter.

The evidence will show that my clients conceived of their invention first. They applied for patent -- excuse me -- for patents protecting it. And the evidence will show that Google is using that technology and, therefore, must pay a reasonable royalty.

And the evidence will show that Google has generated over $\$ 5$ billion in revenues. In applying the industry standard rate of 12 percent, that results in reasonable royalty damages of $\$ 600$ million.

Now, let me talk about Function Media. Function Media is a Texas company. It's owned 100 percent by Michael Dean and Lucinda Stone. Michael Dean and his wife have been living in Texas for the last 12 years. He's originally from California. He's a decorated Vietnam veteran.

When he came home from Vietnam, he moved back to his hometown, Santa Cruz, California, where he met Lucinda Stone. Lucinda Stone was originally from California. She was the Director of Development for several centers for abused children, and eventually became the Executive Director of Big Brothers/Big
Sisters of Sonoma County, California. And since then,
she's been an entrepreneur in the internet advertising
business.

Let me give you some background about the invention. In 1994, the internet was just starting. In that year, Michael Dean and Lucinda Stone decided to create an internet advertising website specializing in promoting bed and breakfast hotels. They still run that business today. It's called Virtual Cities, and it has become one of the most successful bed and breakfast directories on the internet.

In running their business, Mr. Dean and Ms. Stone had a lot of clients who were literally mom-and-pop operations, and they were operations that wanted to harness the power of the internet and advertise on even more websites than Virtual Cities, but there were several problems.

The systems available at that time were hard to use, expensive, and required specialized training. Many of the systems required you to go through an ad agency who had specialized technicians who would manually format the ads to be sent out over the internet.

It was all very time-consuming,
labor-intensive, and it was also difficult for the
websites that wanted to run ads, especially small- and medium-size websites, who -- they just didn't have enough viewers to justify all the expense and the effort that was required in order to run ads.

And so let's -- let's take a look at how things worked back before the Function Media inventions.

Now, for a seller or advertiser to advertise on even just one website -- one advertiser, one website, there were several steps involved. The advertiser would have to negotiate a contract. They'd have to specify the way it wanted the ad to look on the website, and either the publisher, the website itself, or the advertiser would have to customize the ad according to the specifications of the advertiser. And then the ad would have to be uploaded to the website.

Now, it was very expensive, cumbersome, labor-intensive, but the complexity of that system, think about it. If the same seller -- they don't want to advertise on just one website. If they wanted to advertise on multiple websites, the complexity would grow tremendously.

And then think about it. In the real world when you had multiple advertisers and who wanted to advertise on multiple websites, the complexity would grow even more tremendously. And that is where the

Function Media invention came to be.

Mr. Dean and Ms. Stone, they were a website operator. They saw things from a different point of view. Prior to this time, the industry thought that an advertiser wouldn't pay for an ad unless they had total control over how it looked.

But as a website operator, Mr. Dean and Ms. Stone realized that it was very important to the website to have ads that fit with the color scheme and the look and feel of the website that didn't clash. And in this way, they were going against the prior art, what had come before. The entire industry disagreed with them on this point. And instead, they came up with a system that conceived of a new way to do things, and here's what $I$ mean by look and feel.

I went to the University of Texas, and so I might go to the UT website. My young law partner over there, Jeremy Brandon, he went to Texas A\&M. He might go to the A\&M website.

I'm sure that the people at UT and A\&M, they spent an awful lot of time and an awful lot of money to make their sites as pleasing to the eye as possible. And the last thing the $\mathrm{U}^{\mathrm{p}}$ site would want is to have a maroon ad being run on their website, and the last thing A\&M would want would be to have a burnt
orange ad run on their website.

That's look and feel; it's color scheme; it's things like that.

And so Google's own documents talk about the fact that the way to make the most money on advertising is to have the ads fit with the color scheme of the entire website. Choosing the right palettes of colors can mean the difference between ads your users will notice and ads they will skip right over.

And when an ad gets clicked on, that's when the website gets paid.

And so the invention of Michael Dean and Lucinda Stone, back in 1998, was simply this: You had the advertiser, the seller, and you had the websites. They realized, looking at it from a website point of view, that you needed customized ads for each particular website.

This could be UT; this could be A\&M; and you needed them -- the same ad customized according to the color scheme and look and feel of each particular website.

And so they conceived of inserting a central processing system that would act as a middle man to automate the whole process and to customize the ads. You could have advertisers, or sellers they're called in
the patent, enter in their proposed ad as well as the information about what websites they wanted to target for their ad. You could have all the websites send their color rules.

Here's UT. And the different formatting rules from each website would go to the central system. The central system would decide which websites were appropriate for the ad and would format the ad according to the different rules that had been put in by each website, and then send the customized ads out to the websites.

And that was the invention that is -aspects of which are included in the patents-in-suit today, the '025 and the '059 patent.

Now, in 1998, Michael Dean and Lucinda Stone started to develop -- started to implement a computer system that -- that embodied all of this. They implemented phase one, as you'll hear testimony about, and it turns out that implementing a new computer system is a lot more expensive and time-consuming than they thought.

They implemented phase one, and it worked, as you will see. And they included in the software -- in the source code of the software, they included place holders for the rest of the system.

But it turns out that -- that this was 1998. They were years ahead of their time. And the market didn't yet understand how this would revolutionize the internet advertising industry. And so the -- the programming was just too expensive to be justified at that time.

And so they stopped. They stopped and didn't fully implement the system, but that's okay. A patent holder is not required to implement the system.

You'll hear Google argue they -- they didn't program the full system; it didn't work; they failed. That's irrelevant. The fact of the matter is that all an inventor has to do -- he doesn't have to build the system. He has to disclose enough in the written description, in the figures in the patent, to allow a person skilled in this field to build the system.

And take a look. That's exactly what they did. All these figures and flow charts and description, that's all that's required. They followed the rules, and that's exactly what they did.

Now, let's talk about -- oh, by the way, this disclosure in the '025, it's exactly the same as the disclosure filed for their original patent that they filed in January of 2000 . That's an important date: January 2000. They filed this same disclosure
disclosing their invention, the exact same disclosure as
is right here in the '025.

And that was almost three years before Google's infringing system, AdSense for Content, came out. That's an important fact.

Now, let's talk about Google. You've heard -- probably heard about Google. It's one of the largest internet companies in the world. It has headquarters in California, over 20,000 employees, offices all over the world. And it's most famous for internet searching.

But Google doesn't really make any money from its internet search. It makes over 95 percent of its revenues from internet advertising, and it primarily does that in two ways.

The first is search advertising, and here's the way that works: You type in search terms at google.com, and it pulls up search results right here, and along with it, it includes ads.

And if you click on an ad, then Google gets paid for that advertisement. And that's all I'm going to say about it. That is not at issue in this lawsuit. All the money they make from their internet search, that's not at issue in this lawsuit.

The other way that Google does
advertising is they advertise -- they provide advertisements for other people's websites, just like the Function Media invention.

So here, for example, is a real website, cheese.com, and you'll see there are these ads on the right-hand side, ads by Google. And if you click on those ads, then Google gets paid, and they pay a large percentage of the money to the actual website, cheese.com.

And so let me talk to you a minute about infringement. The first question you'll be asked at the end of this trial is whether Google's AdSense for Content and its -- in combination with its other products, whether that infringes the Function Media patents, whether it does the same thing as what is covered by the Function Media patents.

And as Plaintiff, we bear the burden of proof. The Judge has instructed you that our burden on infringement is a preponderance of the evidence, more likely than not. And so that's where we have a feather; we have 1 ton on each side. It's 51 percent or just ever so slightly -- if the evidence ever so slightly weighs in our favor, we've met our burden of proof of a preponderance of the evidence.

Now, we don't have time to go through
every claim asserted here. We're asserting, basically, of the '025, there are eight different claims that we believe are infringed. Here's Claim 1 to just give you
a feel for what's going to be discussed during this lawsuit.

Keep this in mind. If even one claim is infringed of a patent, that means the patent is infringed. We don't have to prove all eight, although we will.

Now, you will hear from Dr. Thomas Rhyne. He's right out there. Dr. Rhyne is one of the most accomplished engineers in the nation. He has multiple degrees, a Ph.D. He has had the honor of teaching both at the University of Texas and Texas A\&M.

And Dr. Rhyne will explain to you that -that for every claim that we're asserting, each and every element is embodied in Google's system, and, therefore, they infringe these patents.

Now, to be fair, Google denies infringement, but $I$ think at the end of the day, you'll see through that. Google is going to say, for example, that their systems operate in such a way that they don't publish ads on a website; that what happens is there's a hole created in a viewer's browser -- web browser, like Internet Explorer; and that they serve ads to that hole;
they don't serve it to the website.
But you'll find, I think, that Dr. Rhyne will explain that that's just a word game. And you'll see various documents. It says: Ads by Google. And you'll see Google document after Google document that says that what they do is they put ads on websites. And it's just a word game. And while we're on the subject of word games, Google's other non-infringement argument is this: The patents say that the system selects a website on which to display an ad, but Google will say that their system takes a website and then selects ads to display on it.

Dr. Rhyne will explain that that is just a word game. It is just chicken and egg, and that their system absolutely does what is required by the patents.

Now, Google's other contention in this case is that the patents are invalid; that the Patent Office made a terrible mistake; and that these two patents never should have been issued.

Now, remember, our burden of proof on
infringement is a preponderance of the evidence. Google's burden to prove invalidity is clear and convincing evidence. And the reason for that is that these two patents have gone through the examination process, and they are presumed, under the law, to be
valid.

And so, therefore, to overcome that presumption of validity, Google must establish that they're invalid by clear and convincing evidence.

Now, Google is going to have two invalidity arguments. First, it's going to argue what is called anticipation. And what that means is they're going to have to prove that there was some prior system that satisfied for each claim we're asserting, each and every element; that we weren't first; there was a system out there that did all of this.

Dr. Rhyne will explain it's just not
there. The fact of the matter is, there was no system prior to us that did the automated customization that is required by these patents.

Now, keep in mind there will be a lot of evidence coming in. Don't be confused. Google cannot cobble together a piece from this system over here and a piece from that system over there in order to come up with all the elements. All elements have to be in a single prior system. It's just not there.

So Google will resort to a fall-back, a secondary argument, known as obviousness, and they will say, even though this patented system wasn't out there in the real world, even though no one had done this
before, it would have been obvious to a person skilled in this field to do this.

And so, of course, the question is, if it was so obvious, why wasn't anyone doing it?

And the question is, doesn't everything look obvious once you know the answer?

It's like in a -- when $I$ was going to school, they had -- in the math book, they would have the answers to every odd question, the answers in the back of the book. And that was to help you. You would see the answer and then, of course, it was obvious. You could figure out how to get that result.

And that's exactly the case here. Once someone puts it down in writing in a patent then, of course, it's obvious, but the fact of the matter is, the industry was headed in a different direction. No one had this central processing system that did the customization for each website. The industry was headed in a different direction, because they thought that advertisers wouldn't pay for an ad that they didn't have total control over, unlike our system.

And it's proven by the fact that we made our initial disclosure in January of 2000 . We filed for the '059 patent in July of 2002 . AdSense for Content,
the accused infringing product by Google, came out in late 2002.

We filed for the '025 in September of 2004 with the same specification that we had filed back in January of 2000. Both of these patents issued in July of 2007 , and then we filed this suit to enforce our rights.

And then three months later, Google filed for a similar patent. How can they claim that our patents were not new and novel when they're applying for a patent on similar technology three months after us and seven and a half years after our original disclosure?

And by the way, in their patent -- you'll hear about this. This is the Tomasz patent. He's at Google. When he filed for this, he didn't disclose any of the prior art that Google says invalidates our patents.

And so they tell the jury these prior systems were the same thing as what you're doing, but they tell the PTO not one word. The fact of the matter is, nobody did what we do before.

Now, I want to talk a little bit about damages. There's no doubt about it. We're asking for a reasonable royalty of 12 percent. That's $\$ 600$ miliion. You will hear testimony that Google generated over \$5
billion in revenue from these products.

And you'll even hear from Google's own expert that in cases like this one, the question is, what is the fair value to Google, not just to Function Media?

THE COURT: You've got 10 minutes remaining.

MR. TRIBBLE: Thank you, Your Honor.

And the formula for damages that the Court will tell you that you are to use in this case is called a reasonable royalty. And as we've discussed, if you have property, and an oil company drills a well on it, they pay you a royalty, a percentage of the money generated from that well.

And the question you have at the end of the day, because $I$ think that -- at the end of the trial, I think you will agree that the patents are infringed. The patents are valid. The question you will have at the end of the day is, what percentage reasonable royalty applies here?

And you're going to hear, $I$ believe, that the test is, what would Google pay if it knew about the patents; it agreed, it agreed with us that they were infringed; and it agreed with us that the patents are valid? In that hypothetical circumstance, then what
reasonable royalty would Google pay?

And you will hear testimony by a forensic accountant, Walt Bratic, with 20 years' experience in this field, and he's spent numerous hours pouring through Google's accounting and financial records and surveying the industry to find out what would be a reasonable royalty in these circumstances.

And why 12 percent? You're going to hear that in 2007 when Google's infringement started, the average -- the industry average rate for internet advertising was $13-1 / 2$ percent. And in 2008 , by the way, it was 15.8 percent.

And so you will hear how important AdSense for Content is to Google. Sergey Brin, the founder of Google, called the infringing product Google's monetization engine.

Others at Google pointed out the beauty of AdSense for Content. It's our invention, but it's automated competitive advantage that does the formatting.

And what did it do? Faster penetration into the market; better monetization, more money; better margins via a low cost infrastructure, higher profit margins.

That's our system, because we have the
center processing system that -- that serves as the middle man between advertisers and websites.

And so because of that importance and because of the $13-1 / 2$ percent rate in 2007 and the 15.3 percent rate in 2008 and because of a lot of other analyses that in great detail, you will hear about from Mr. Bratic, the appropriate rate for a reasonable royalty in this case is 12 percent.

And that applies to revenues. And 12 percent of the $\$ 5$ billion in revenues is $\$ 600$ million.

Now, what is Google going to say in response? We're just a small company. But Google's expert concedes that that doesn't matter. That is irrelevant.

They're going to say that Google doesn't pay big money for patents, but you'll see that Google paid 2 percent of their entire company for just a single patent and that 2 percent today is worth \$1.8 billion for a single patent.

And Google's own expert -- Google will say: We don't pay a running royalty. We only pay a one-time lump sum. But Google's own expert agrees that it would be quote, unquote, crazy to agree to anything other than a running royalty under these circumstances. And you might -- you'll also hear that Google sends --
the majority of this $\$ 5$ billion, they share that with what are called the Google partners, the websites.

In other words, of the $\$ 5$ billion, the majority of that gets -- Google shares with the actual websites. They have to get paid something; otherwise, they wouldn't run the ads. You will see that Google is sharing profits with its partners.

And Google's own documents say that Google has such dominant market share in this industry, internet advertising, because of our invention that they could pick the percentage at a lower amount if they wanted to. But they want to maintain their dominant position.

And you'll hear from Google's own mouth -- or, frankly, seeing a document, that in Google's view, the party that holds the patent is the person that's dictating -- has the stronger position in dictating the terms under which the infringing party would pay.

And so I just ask you to keep in mind, as you go through this case -- you're going to hear a lot of testimony. Keep in mind, pay attention to what Google said in documents before this lawsuit was filed versus what they say now, now that we're here in Court.

And finally, $I$ would just say, pay attention to the documents. Listen to the witnesses. Judge their demeanor; judge their truthfulness. And keep in mind, nothing $I$ say is evidence. The evidence is going to come from the witness stand and from the documents that we're going to show you.

And the same is true, of course, for
Google's attorney. And $I$ just ask you, keep that in mind. Pay attention to the documents. Look at what they said before there was a lawsuit. Thank you.

THE COURT: Thank you.

MR. VERHOEVEN: Your Honor, I'm just
going to pull an easel up, if $I$ may.

THE COURT: Of course.

MR. VERHOEVEN: May I proceed, Your

Honor?

THE COURT: Yes, sir.

MR. VERHOEVEN: Charles, is this on?

Okay. Good morning, Members of the Jury. My name is Charlie Verhoeven, and $I$ represent Google.

Before $I$ start with my argument, I'd like to just introduce you to the other members of our team. We have four people from Google here today: Shana Stanton and Tim Alger. In the pews there, we have Doug Hudson and Leslie Altherr.

In addition to myself, at counsel table, we have Gil Gillam, Ed DeFranco, and Amy Candido. We also have our paralegal, O'Neil Bryan. Neil?

And then Charles Duncan is the guy that's going to help me with my slides. So you can put some names to faces.

As the Court has told you and as
Mr. Tribble has told you, Google has two defenses in this case. And the Court has told you, you need to keep an open mind and listen to all the evidence before you make up your mind.

And $I$ appreciate that you're going to do that, because the evidence that Google has is very compelling. The first -- the first defense is that Google does not infringe. And the second defense is that the patents here are invalid.

Now, Function Media has the burden to show you that Google infringes. And as the Court will instruct you, in order to do that, they have to prove by a preponderance of the evidence that Google infringes each and every element of an asserted claim.

It's not enough that it's similar or
there may be some overlap. You need to actually look at each element and ask, for each element, is Google
infringing the claim?
Now, Mr. Tribble made a number of generalizations and statements saying that Google infringed, but he didn't go through the elements of any of the claims and apply those to the Google system to show you that they met those claims.

I intend to do that. I intend to show you that there's at least three different elements, big elements, in these claims that Google does not infringe and that the Plaintiff will not be able to show you that Google meets those claims.

So you saw the property boundary analogy. Well, a patent is not something physical that you can see. It's -- what you do is, you look at the claim in the back of the patent and see what the boundaries are of that claim and whether or not Google is within those boundaries.

And what we're going to show you is that in three important respects, for three elements, Google does not meet those claims, and it's outside of the boundaries, not on the property. And I'm going to go through that in more detail in a minute.

The second defense is that the patents
here do not deserve to be valid. Now, surely, it's true. The Patent Office issued these patents, but we're
going to show you that there's others out there out in the marketplace who are doing the exact same thing that Mr. Dean and Ms. Stone patented, but they were doing it before.

And we're going to go through element by element and show you these systems that were doing everything that's claimed in the Function Media patents but were doing it before.

And there's two systems we're going to show you that did that.

The first one is called AdForce. So we're going to present witnesses and documentation that show you there's a system out there that did what the Function Media patents did, but it did it before.

And guess what? The Patent Office didn't know about it.

There's another system called Doubleclick that did the same thing before.

Mr. Tribble said, well, there was no central controller, that what you saw was those nuts and bolts going around that did that before the Dean patent. That's not true.

We'll show you evidence that, in fact, both AdSense (sic) and DoubleClick did that, and they did it before Mr. Dean and Ms. -- Mr. Dean and Ms. Stone
came up with their patent.
The Patent Office didn't know about AdForce, and the Patent Office didn't know about DoubleClick.

And so what $I$ ask you to do, as you hear this evidence, is to ask yourself this question: What if the Patent Office did know about AdForce? What if it did know about DoubleClick? What if it saw the evidence that you're going to see when we present it at this trial? Would it have issued these patents?

We think you would conclude that it would not, because the patents aren't new and unique, because somebody else did it before.

I'm also going to talk a little bit about damages. Plaintiff is asking for $\$ 600,000$ dollars -- or excuse me -- I wish. They're asking for $\$ 600$ million, $\$ 600$ million. They didn't tell you how long the license was for. Two years. $\$ 600$ million for two years.

Now, Mr. Tribble -- if $I$ may go around to this easel, please, Your Honor?

THE COURT: Yes.

MR. VERHOEVEN: He showed you a pie chart, and he said 12 percent. Well, what's important to note here is that's 12 percent of what's called revenue. Not profit, revenue.

And Google -- and I'll show you this -Google, the vast majority of its revenue, it gives back to the publishers, and it only keeps a piece of it. And I'll go through that.

So the important thing to look at here is profit. How much of Google's profit do they say they're entitled to? And if you did a pie chart of that, it comes to 65 percent.

Now, this might be mathematically correct -- or it is mathematically correct. It may not be illustrated absolutely correct.

But they're saying here's Google's profit, okay, and that Mr. Dean and Ms. Stone are entitled to all of this; 65 percent of all of the profit that Google made, they want you to give to them for two years, and Google only gets to keep the remainder.

Is that reasonable? We think you'll conclude it's not.

So that's a summary of what I'm going to talk about today. I'd like to go now to -- to talk a little bit about my client, Google.

Now, Google's got a story, too, and it's a pretty good story. I don't know if you've read about Google. Most of you have probably used Google if you've done searching on the internet.

Google has a search service. You can go on to the Google site and type in words and it will search for websites for you and bring you back information. That's free for internet users.

Google has a whole bunch of other services, too. It -- you can have free e-mail on Google. It's called Gmail. And you don't have to pay anybody for it. You just set up your account, and then all of a sudden, you've got an e-mail account.

Google has all kinds of other services. They have a map service. You can go on to Google, and if you're trying to find out how to get from Point A to Point $B$, and you haven't been there before, you click on the map service, and it will give you directions and a map for free.

Most of the products -- most of the services that Google provides for internet users, like you and me, it provides for free.

Now, how does it do that? It does that because it also manages advertising. So when you do a search, you'll see some what are called sponsored links. And it makes money when internet users, like you and me, click on those links.

Now let's go to the demo slide 3,
Charles.

So Google was started by two grad students in Stanford University, Sergey Brin and Larry Page, and it was actually started in a garage, susan Wojcicki's garage, and there's a picture of it right there.

There's Sergey Brin and Larry Page. They were just students at stanford at the time, and they had an idea for a way to organize information on the internet.

The internet is this vast cyberspace area, and it's hard for people to get to where they want to go. And they came up with an idea to organize it and allow people to efficiently search for what they wanted. And they created what's called the Google search engine. Let's go to the next slide.

By 2000 , Google had a search engine that people could use, and it looked like this. You've probably seen it before, if you've ever gone to Google. By 2000 , they were successful enough that they moved to Palo Alto -- to an office. They could afford an office at that point, and they moved to Palo Alto.

And let's go to the next slide.
And they launched something called

AdWords. And this was the -- you remember Mr. Tribble said there's one thing that's not being accused here,
and this is the AdWords system.

And the way the AdWords system work -let's go to the next slide -- is you can type in a search -- and I'll just use this pointer here -- type in a search, so, for example, Mavericks, click the button, and then you get this page here. And on the page, you'd get search results, things you might want to click on when you're searching for Mavericks.

And these are actual websites. They're not advertisements. But then over here on this side, it says sponsored links. You see that? And these are advertisements.

And if you click on this, then you'd -it would take you to an ad site or to another website that wanted you to buy some products or something, and every time an internet user like you or me would click on this, then Google would make some money on advertising. And that was called AdSense for Search. Now, that product is not accused here, but that was the first big search -- first big advertising product that Google had.

Now let's fast-forward to 2002 . AdWords for Search had become successful. It went from 350 advertisers to thousands of advertisers. And at that point in 2002, Google came up with another idea. Let's
match ads, relevant ads, to actual web pages.
So what's the difference? Well, here you're doing searches, and you have sponsored links. For this new idea, which is called AdSense for Content, it would apply if you already knew the website that you wanted to go to.

Maybe it was on one of your favorite links or you actually knew the $U R L$, the address, and you could type it in, and you would just go to the website. And this was a system that would manage ads in that situation.

Let's go to the next slide.
So this was called AdSense for Content.
Now, AdSense for Content was an ingenious new technology. And how it worked is, Google would -- there would be publishers on the website.

Publishers are just anybody. It could be you, if you had your own website. It could be a big corporation that had its own website. But it's people who have websites that have content, what's called content, information on the web.

And Google would ask these publishers, if they wanted to participate, to put a piece of Google's computer code on their website. And then if an internet user went to that website, Google would analyze the
actual text on the website, what's called the content of
the website, and figure out what was being said on that
website.

And then Google would take its database of ads that it had, and it would go through a complex algorithm and figure out which of the ads are relevant to the actual text on the website. This is called contextual targeting.

Let's go to the next slide, please.
So this is an example of AdSense for

Content. This would be the publisher, bass fishing and here would be the content. This is the actual page that an internet user would go to read.

Now, this could change from day to day. It's whatever it is on that site. And these -- the end result is, these are the ads that Google would serve, and you see they all relate to fishing.

So here, the website is bass fishing, the content is fishing, and Google would figure out that's what the website was and then serve ads relating to the same subject matter. No one had ever done this before. This was something brand new that Google did.

Let's go to the next site -- next slide.

So let me try to show you how it works through a demonstrative here. So step one, I go to --

2 a fraction of a second, so you don't even see it with I'm a user. I go to this website. This all happens in your eyes.

But $I$ go to this website as an internet user, and then the next thing that happens -- go ahead, Charles -- is Google would analyze, read the content that's actually on the web page.

Next. Next slide.

And then it would determine these are the subject matters that are on that website. It would figure that out.

Next.

Then Google would go to its ad database. And here -- this is just a representation of all the ads that are potential candidates in this database, and it would look for ads that are relevant to these subjects.

Go ahead.

And it would figure out, here are ads that are relevant, okay? But that's not all this system would do. It's got another step. It's called an auction.

Let's go to the next step.
Then once it determined which of these ads is relevant, Google would then conduct an online auction, and it would look at a number of factors, one of which is how much each of the advertisers bid to be served ads by Google.

Go ahead.

And then only a few of those ads would win the auction, okay?

And then the next step.
And then after all that process, Google would take these winning ads that match the content of the site and won the auction, and then those would be placed into that sponsored link ads by Google category. This all would happen in (snaps fingers) a fraction of a second.

So if you have a fast enough internet connection, you wouldn't even see it. The pages come up, boom, like that.

But all of these processes went through. No one had ever done this before. The patents in this case don't talk about doing this. This is -- this is very sophisticated technology that Google developed.

It was also win/win for everyone. Users would see the ads targeted to what they were interested in. So you see, I'm interested in fishing, I'm going to be more likely to be interested in these ads because they're -- they concern fishing instead of Viagra or some other ad you get inundated with that you don't
like.

So users liked it; advertisers liked it, because it increased the likelihood that users will click on their ads, so their advertising is more successful.

And the publishers, the bass fishing people like it for the same reason. Because they make money every time an ad gets clicked on, because Google collects that money from the advertisers and gives the vast majority of it back to the web publishers.

They're like an auctioneer. They keep a commission, but they give the most of it back to the publishers.

So this is -- this is the accused technology. It's called AdSense for Content. This was created years before the patents at issue in this case were published -- or issued. Excuse me.

The evidence shows that Google
actually -- will show that Google itself obtained its own patents on its contextual targeting technology. And the patents issued only after this had already become very successful.

It's important to note that the success of AdSense for Content has nothing to do with the patents in this case. Mr. Tribble didn't really explain, I don't think, what was new and unique about its patents other than to say it's centralized.

But this isn't a success, because there was a centralized controller. This isn't successful because it allowed an advertiser to go to one place, which is what the patents talk about.

AdSense for content was successful because it came up with a revolutionary, new technology for reading web pages, matching them to relevant ads, conducting an auction, and then placing those ads. A super complex system that had never been done before and is not talked about in the patents. So that's Google.

Now, real quickly, let's talk about Function Media's patents.

Let's go to Slide 15.

Now, Mr. Tribble talked a lot about the patents, but he never went through the actual claims. And your job is to go through the claims, look at the elements, and apply them to the accused technology. So let's look at the claims. And I'm summarizing here for brevity, but let's go.

This is Claim 1 of the '025 patent. It's the same representative claim that Mr. Tribble used. This claim is very similar to all the other claims, and we have, as $I$ said, three reasons we think we don't
infringe, and it applies to all the claims, including this one. So we'll use this one as a representative example.

The claims, basically, to help you understand it, talk about essentially three things. The first is what's called a first interface. And in the first interface is a subject called Media Venues Input Presentation Rules. Well, how can you translate that into English?

What that is, it -- an interface is a software program that these media venues can use to interface with the system. And the media venues is a fancy word for these publishers, website owners.

So the first part of their patent is having this interface for publishers, otherwise known as media venues, with input presentation rules.

What are presentation rules? How big your ad should be. Presentation refers -- basically, that translates into an ad. How big your ad is, what background color it should have, those are presentation rules, okay?

Then the next part is the second interface here. And the second interface is for the sellers. In our case, the sellers are called advertisers.

So it's an interface that the advertisers will have on their computer. And this element talks about sellers are advertisers inputting information to select internet media venues. What does that mean? They're inputting information to select publishers, websites.

And then secondly, this says, in the second interface, that the advertisers input information to create an electronic advertisement.

So this talks about a second interface where the advertisers do two things: They input information to select these websites, and they input information to create their advertisements, okay? And then the third big piece of this -- and again, I'm summarizing here -- is a computer controller. A computer controller processes and publishes electronic advertisement.

So there's a centralized controller, and what it does is, it processes and publishes the ads to these websites. It publishes them to the selected media venue.

So let's walk through an illustration to help understand how that works, okay?

So these are media venues, travel.com, outdoors.com, and they're inputting presentation rules,
the ad size, font, color, border, and it goes to this central controller. So they input that into there.

The next step in the patent is, you have the seller or advertiser. And the seller and advertiser -- Charles -- it does two things: It inputs information to select one or more of the internet media venues, one or more of these guys, and it inputs information to create an ad that's customized to each of the selected internet media venue presentation rules.

So it has to make its ad customized to the rules that each of these guys have. So, for example, say travel.com says, your ad has to be purple, and outdoor.com, your ad has to be green. It creates a different ad for each of the different media venues in accordance with the presentation rules.

The next step.
And that goes to central controller, too.

Next.

And then the last step is, the computer controller processes and publishes those ads and publishes them to the websites.

So it processes and publishes the lose weight fast ad in purple to travel.dot, in accordance with its presentation rules, and processes and publishes the lose weight fast advertisement to the website
outdoors.com.
So that's, basically, a simplification, but it's, basically, what the patents talk about.

That's their invention.
All right. Now let's talk about noninfringement.

The evidence will show that Google does not infringe this claim or any of the other claims for three reasons.

In order for you to find infringement, you have to remember it's Function Media's burden to prove that Google infringes each and every element of the claims.

So we were just looking at the claims.
They have to show each and every one of those elements we went through are infringed.

It's not enough for Function Media to show that the accused products resemble what the patent is talking about. It's not enough if they're similar or if you think there's an overlap.

Your job as jurors is to take each claim and ask the question, did they prove that Google meets that?

And here, if there's just one claim that's not met, you have to find noninfringement.

Now, the evidence will show that Google does not infringe for three reasons. Let's go through them.

Let's go to 21 .
Okay. Let's start with this element.
This is from the claims. It says, the seller is prompted to input information to create an electronic advertisement for publication to the selected internet media venues.

Next slide.

The Court in this case has told us what that means, and the court said, the term create an electronic advertisement for publication to the selected internet media venues means create an electronic advertisement for publication in a form customized to each of the selected internet media venues presentation rules.

What does that mean? That means, to
translate that into layperson's terms, when the seller here, the advertiser, is creating electronic advertisement, he or she has to do so in a way that's customized to each of this selected publishers' internet media venues presentation rules.

It has to be customized to each website that the advertiser selected. That's what this claim
is.

Next slide.

Now, the Google system, we'll present evidence, it doesn't do that. Advertisers can't do that.

Here in the Google system -- let's go to the next -- go ahead -- what an advertiser can do is input ad information, key words, placements, and bids.

Next slide.

The evidence will show that an advertiser
on Google's AFC system cannot change the ad to conform to the specific presentation of rules of the websites. The advertiser cannot change the color of their ads. They cannot change the font of their ads. They cannot change the borders or settings.

Just one generic submission, not
customized, is what the seller does. Doesn't use this claim language.

Go ahead to the next.

So they submit that, and it's the same no matter what the -- where this is published.

Next -- next, please.
So, again, Google does not permit
advertisers to input information to create an electronic advertisement customized to each of the selected
internet media venue presentation rules. That's number one, the first reason that Google doesn't infringe.

Let's go to the second reason. Same
claim, we're going through -- you're going to have to go through and look at each of these elements and decide if they're met.

Second reason, this is a computer controller. It says that the computer controller of the computer system processes and publishes the electronic advertisement to one or more of the selected internet media venues.

Again, translating it into layperson's
terms, this central controller processes and publishes the ad to one or more of the selected websites. They say media venues. It's a publishing website, okay?

The Court order, the Court's construction of what this means, says this term -- the term means placing or making available the customized electronic advertisement within the framework of and at each of the internet media venues, at each internet media venue. So this element requires that the central computer publish the ad to the website. Now, we'll see Google doesn't do that. It doesn't do it at all.

Let's go to the next slide.
The way Google works is, you and I, we're
internet users, right? We get on to the internet, and let's say we go -- we're interested in the news because of the tragedy that we've been reading about. So we go to CNN to find out the latest, okay?

So you type -- you happen to have it on your favorites list. You don't need to do a search. You just type it in, and it goes straight to the CNN website.

And what happens in a fraction of a second in the Google system is the site comes down to your computer, but guess what? It's got a blank where the ads are supposed to be, okay?

And if you have a slow enough connection or if your internet is not doing so well, you may have seen that. Sometimes your page loads, and there's a blank, and it takes a minute, and then the ad comes up. But if you have a fast one, you don't see it. But that's how it works. That's the first step.

Next slide.

Then what Google does is, it does all
that contextual targeting we talked about and finishes that. And then what does it do when it's finished; it's decided what ads it wants to place? Does it publish them to the website? No.

What Google does is it publishes them
directly to you, publishes them directly to your browser
on your internet, to every one. It never publishes the
ad to the website.

Well, the claim we just saw requires
publication to the website. In fact, the website doesn't even know what ads are being displayed on its web pages. Google handles all of that.

So that element is not met.
Let's go to the third element.
There's a third reason why Google doesn't
infringe, and that relates to these two elements here. The first says -- and this is the second interface we looked at -- the seller is prompted to input information to select one or more of the internet media venues. Seller is prompted to input information to select the websites it wants to advertise on.

And then later, it says -- after this processing and publishing is done, it says: Whereby the electronic advertisement is displayed on each, each of the one or more of the selected internet media venues. That doesn't happen on the Google system.

Go to the next slide, Charles.
So here's how Google works.

Go ahead.

The Google puts -- and again, as we saw,
puts in the ad information, key words, placement, bids.
Next.
Goes into Google.
Next.
Google has the submission from that
advertiser. What does Google do with it?
Go to the next slide.
It puts it in its database.
Go ahead.
Among all these other ads, okay? It
doesn't just take the ad that selects -- the selection
that was made and just send it to the publishing
website. No. If that ad wants to get displayed, it has
to go through the process you looked at earlier. It's
one of millions of potential ads.
Next step.
And you remember, the next step is the ad
has to be selected for relevance. So all these other
ads, they don't get selected because they're not
relevant.
In this example, the ad that we're
looking at did get selected, so it passed the first
step.
Go to the next step.
But then it's got another hurdle. It's
got to win the auction. So even though it's relevant,
if it doesn't win the auction, it's not going to get
displayed.

So go to the next slide.
So in this case, in this example, it didn't bid enough money, so it doesn't get selected. Next slide.

So what happens is, even though the advertisers said, $I$ want to be on this website -- go ahead -- it doesn't get displayed. Other ads get displayed. It loses.

THE COURT: You've got 10 minutes remaining.

MR. VERHOEVEN: Thank you, Your Honor.
So this is the third reason why Google doesn't infringe. On the Google system, there is no -you don't just select a website and you get published there. You have to be selected for relevance, and then you have to win the auction.

There's no -- you might or you might not. But it's not the case that you select a website, and then you get processed and published, and your ad gets displayed on each of the websites you selected. It doesn't happen that way.

So for those three reasons, Google
doesn't infringe. We're going to present evidence on this, and we are confident that once you carefully look at the elements, you'll find there's no infringement.

Now, we also contend that the Function Media patents are invalid. And I'm not going to go through the slides on this, because I don't have enough time, but we have evidence that both AdForce and Doubleclick, as $I$ said, were doing the same thing that Function Media was doing before Function Media did it.

And we're going to present expert
testimony; we're going to present documents from these systems; we're going to present witnesses who actually wrote the AdForce system, worked on the AdForce system, work on the Doubleclick system.

You can look into their eyes and assess for yourself, did they do it? Did they do it before these folks did it? And we think that you will conclude that they did.

Now, it's important for you -- on this invalidity analysis, under the law, for you to understand that it doesn't matter whether or not AdForce obtained a patent on its system. All that matters is whether it did it first.

Now, some people think, well, the first person at the Patent Office wins. That's not the law.
You're only entitled to a patent if you were the first
person to do it.
It doesn't matter -- if somebody else did
it before you and what you're doing is not new or
unique, you're not entitled to a patent. It doesn't
matter that the other person filed for their own patent
or not. That's irrelevant.
What matters is, did they do it first?
And we're going to present evidence that they did do it
first.

Now let me talk about damages for a minute. We don't think any damages are appropriate in this case. We think that Google does not infringe, and we intend to prove it to you.

We also think that the patents are invalid, and we intend to prove that to you. The Patent Office didn't know about the art we're going to show you. But you might disagree with us, and if you do, we need to talk about damages.

For damages, the Court will instruct you that if you find there's liability, that the appropriate measure of damages is a reasonable royalty. Emphasis on reasonable.

How do you determine that? Well, the Court will tell you that you have to imagine a
hypothetical negotiation. And that negotiation will be between Function Media -- actually, between Mr. Dean and Ms. Stone on the one hand and Google on the other.

And you're supposed to pick a specific time for that hypothetical negotiation. That's July of 2007 when the patents issued. And you need to imagine that Mr. Dean and Ms. Stone are negotiating with Google and try to figure out what you think would be a reasonable outcome of that negotiation. That's the test.

Now, Google says -- Google. I apologize. Mr. Tribble says that the outcome of that negotiation was -- would be that Google would say: You can have 65 percent of all the profit that we've made doing this, 65 percent.

Now, we contend that's simply not
reasonable. Google spent a lot of money and a lot of time developing these systems well before the patents issued.

The evidence will show that Mr. Dean and Ms. Stone weren't able to write a software program that practiced their patents. They didn't know how to write code. They had to have somebody else to help them do it. And then even, it didn't work.

The evidence will show that they were
unable to write this customization they were talking
about. They didn't even have any software to do that.
They couldn't do it. The evidence will show the part
that they did develop, they tried to sell, and they
tried to give away, and no one wanted it.

In light of that and in light of the creativity and the contextual targeting that has nothing to do with the patent that was the reason for the success of AdSense for Content, we believe you'll conclude that their number is grossly exaggerated.

Now, I want to conclude by saying one last thing. This not a case about Google copying somebody's patent. Google -- it's undisputed, Google had no knowledge of these patents, no knowledge whatsoever.

The evidence will show the first time Google learned about these patents was when Function Media sued Google. And guess when they sued them? The first day their patent issued.

The evidence will show that Mr. Dean and Ms. Stone knew about Google and suspected they might be infringing in 2005. Did they pick up the phone? No. Did they send a letter? No. Did they try to contact Google at all? No. What did they do? They waited, and on the first day their patent issued, they sued.

Is that conduct that deserves $\$ 600$ million in damages? We think no.

Would Google have agreed, under those circumstances, to give away 65 percent of its profits from its hard work that it did without knowing anything about these patents? We think you'll conclude no.

So I thank you very much for listening to me and for your service as jurors. I'll have one more chance to talk to you at the end of the case after the evidence has been presented, and I look forward to doing that. Thank you for listening.

THE COURT: All right. Thank you,
Counsel.

Ladies and Gentlemen, we're going to take our morning recess at this time. Just over 20 minutes. Be back ready to come in the courtroom at 10:35, and we'll start at that time with the first witness.

Remember my prior instructions, and don't
talk about the case.

COURT SECURITY OFFICER: All rise.
(Jury out.)
THE COURT: All right. Y'all have a seat.

The arm's-length rule is in effect. Stay within an arm's length of the podium, please,
Mr. Verhoeven.

MR. VERHOEVEN: I apologize.

THE COURT: Well, it's okay. I'm just --
Judge Ward is kind enough to let us use his courtroom for this case. I understand it's a big case for both sides. But if you poke a hole in his screen, he's going to send us downstairs, okay?

So I don't know the -- in addition to imposing other penalties, okay? So please be mindful of the screen when you're using it.

MR. VERHOEVEN: So I shouldn't be
pointing up to the screen then?
THE COURT: Well, $I$ don't mind if you
point up to it. I just don't want you to hit it too hard and poke a hole in it.

MR. VERHOEVEN: Okay. Thank you.

THE COURT: Okay. Come back and be ready to start at 10:35. Court's in recess.

COURT SECURITY OFFICER: All rise.
(Recess.)
COURT SECURITY OFFICER: All rise.
(Jury in.)
THE COURT: Please be seated.
Counsel, approach.
(Bench conference.)

THE COURT: All right. Just for purposes of the record, $I^{\prime} m$ exempting expert witnesses from the Rule -- the prosecution of the Rule and the client representatives that we discussed before opening statement.

But it's the responsibility of the
lawyers to keep anyone out that would be covered by the rule, okay? I can't police who comes in and out of the courtroom. I just -- and I'll -- you know, I always let them stay for opening statement.

I don't know if anybody's out there, but it's y'all's responsibility, okay?

MR. VERHOEVEN: Yes, Your Honor.

MR. NELSON: Thank you, Your Honor.
THE COURT: Okay.
(Bench conference concluded.)

THE COURT: Plaintiff may call its first witness.

MR. NELSON: Yes, Your Honor. Plaintiff calls Michael Dean.

THE COURT: Mr. Dean, if you'll have a seat right there. Try to keep your voice up and speak into the microphone for me, okay?

THE WITNESS: Yes, sir.
MICHAEL DEAN, PLAINTIFF'S WITNESS, SWORN

## DIRECT EXAMINATION

BY MR. NELSON:
Q. Good morning.
A. Good morning.
Q. Please introduce yourself.
A. My name is Michael Dean.
Q. Mr. Dean, where do you live?
A. I live in Tyler, Texas.
Q. How long have you lived in Tyler?
A. We moved there in 2004 .
Q. And --
A. So five years.
Q. And how long have you lived in Texas?
A. We moved to Texas in 1997.
Q. You said we. Who is the we?
A. Lucinda Stone, my wife.
Q. Where did you go to high school?
A. Manteca, California.
Q. And is that where you're from?
A. Yes.
Q. Now, before -- we're going to talk a little bit more about your background and these patents, but I want to ask you a couple of questions first about what Google's counsel, Mr. Verhoeven, said in his opening statement.

He said that Google had this new idea in 2002 . In 2002, Mr. Dean, was this automated customization a new idea?
A. Absolutely not.

MR. VERHOEVEN: Objection, Your Honor. May I approach?

THE COURT: Yes.
(Bench conference.)

MR. VERHOEVEN: There's a motion in
limine granted on opinion testimony, Your Honor.

THE COURT: It's overruled.

And, listen, we're not going to -- I
mean, $I$ understand that was a limine point, but we're not going to try this case up here at the bench. So to the extent you can make those objections from counsel table, I expect you to do it.

MR. VERHOEVEN: Yes, sir.
(Bench conference concluded.)
Q. (By Mr. Nelson) Was this automated customization a new idea in 2002?
A. No, it was not.
Q. Mr. Verhoeven also stated that Google's success has nothing to do with the patents in this case. In your opinion as the inventor of the patents here, is it possible to have an automated customized system
without these patents?
A. No, it is not.
Q. Mr. Verhoeven also stated that you were considering suing Google in 2005 .

Just so the record is clear, were these patents that we're talking about today, had they issued in 2005?
A. No. These patents did not issue until July of 2007 .
Q. Mr. Dean, could you please explain briefly why you are here today suing for patent infringement?
A. Yes. The -- the patents that contain fundamental core -- core inventions to a process are rarely ever licensed outside the scope of litigation. I believe that if we had contacted Google in California, they would have filed suit in California in their backyard, and $I$-- it would just be prohibitively expensive for us to have allowed that to happen.

MR. VERHOEVEN: Objection. No
foundation. Move to strike.

THE COURT: All right. Overruled.
A. So that's the reason we are here today.
Q. (By Mr. Nelson) Thank you, Mr. Dean.

Now, we talked about -- we left off and you
had graduated high school in the late '60s.

After you graduated high school, what did you do next?
A. After high school, I went -- a year, year and a half of -- excuse me -- a year and a half or so of college, and then $I$ joined the Army.
Q. What year did you join the Army?
A. $\quad 1969$.
Q. Was that during the Vietnam war?
A. Yes, it was.
Q. Did you volunteer for the Army in $1969 ?$
A. Yes, I did.
Q. Were you an enlisted man?
A. Yes. I started out as an enlisted man and became an officer.
Q. Did you receive any specialized training in the military?
A. Yes, I did. I started out with infantry training and was selected to attend Engineering OCS; that's Engineering Officer Candidate school.

After Engineering Officer Candidate school, I was commissioned as a second lieutenant in the Army Corps of Engineers.

After that, $I$ was sent to a military
intelligence course, where after graduating from that, I had a dual specialty in the military of engineering and
also military intelligence.
After that, I was given orders to go to
Vietnam as an advisor, and the Army gave me specialty
training to prepare me to be an advisor, several
courses; the primary one being the Defense Language
Institute to learn to speak Vietnamese.
Q. Did you actually go to Vietnam?
A. Yes, I did.
Q. Did you see combat there?
A. I was in the front-line positions the whole time I was in Vietnam.
Q. What decorations, if any, did you receive?
A. I was awarded a Bronze Star. I was awarded an Air Medal. That was given for 100 combat assaults. I was awarded a Vietnamese Cross of Gallantry with Silver Star, and $I$ was awarded a combat infantry badge referred to as a CIB.
Q. When did you return from Vietnam?
A. I returned home in 1972.
Q. Where did you return to?
A. California.
Q. What did you do when you got back?
A. When I got back, I joined the Army Reserve and got into construction.
Q. What did you do as part of the Army Reserves?
A. In the Army Reserves, I was -- I was a company commander of a combat engineer unit.
Q. Did you attend any more college besides the year or so you had attended before you went to Vietnam?
A. Yes. After I -- after I got back, I attended probably a year, a year and a half, but $I$ didn't have the money to attend full-time. I had to work and make a living.
Q. I'm going to skip ahead a few years. When did you first become interested in the internet?
A. The first time I discovered the internet was in 1994.
Q. How did you become interested in the internet?
A. The -- I was in the -- I was in the process of exploring a bulletin board system, which was the old electronics bulletin boards that they had in those days, and I was trying to -- I was looking at setting up an advertising system, a local advertising system for the Santa Cruz community.

And in doing this, we started testing the internet, abandoned the concept of the electronic bulletin board. And I've been hooked on the internet ever since.
Q. Could you please describe for the jury the state of internet technology as it existed in this 1994
timeframe?
A. In 1994, the -- the -- the internet was in its infancy. It was -- it was nothing like it is today. There was no broadband. All connections were done with a dial-up modem. You may have had a 144 or 288 dial-up modem. The browsers were slow. They'd come in all pixilated. There was no Internet Explorer. There was no Netscape. The browser we used in those days was called Mosaic.
Q. Was there a Google?
A. No.
Q. What kind of internet business were you and Ms. Stone interested in back then?
A. At that point in time, Lucinda and $I$ quickly embraced the internet. And what we saw as the huge potential of the internet was to provide small entrepreneurs, small companies, small sellers as we saw them, and to provide them a platform that they could promote their products or services all across the United States and do it electronically and do it frequently.
Q. Did you obtain an internet address for that business?
A. Yes, we did.
Q. What was the name of that internet address?
A. It was www.virtualcities.com.
Q. What did you do first at that internet address?
A. At first, what we did was we explored the various types of sellers. And we were trying to look for that perfect market. And in doing that, we came upon the concept of doing a directory for bed and breakfasts, country inns, and small hotels.

And those owner/operators, those mom-and-pop operations, if you will, they could be the poster child for what -- what has really made the internet great. They had -- they had limited financing for their -- for their ad campaigns. They were -- they were local in their -- in their position, but they needed to spread their message nationally to influence those people that were traveling to their area.

So it was -- we considered it a perfect fit for what the internet was becoming and how -- and how we knew that the internet would grow and thrive.
Q. Was it successful?
A. Yes, it was. We -- we were one of the first ones to start up. We currently -- I believe we're currently the longest running bed and breakfast directory of that kind on the internet.

We -- we were recognized and recommended by state associations all across the United States, by the
national association, PI. It was very successful.
Q. Let's move down the road a little bit. When was the first time that you started thinking about what ultimately became the inventions in this patent -- in these patents here?
A. The first time was 1997, late 1997.
Q. Could you please describe for the jury how you conceived of your inventions at issue in this case?
A. What we conceived of was creating a single site where these individuals that I spoke of -- that not only bed and breakfasts but all sorts of sellers in all sorts of industry that needed to reach out and spread their information, to gather -- gather clients and customers, we envisioned a site where they could come to one location, and at that location, they could input the information that they wanted their message to be, the information of what they had to sell, what they had to promote.

They could then input the information of where they wanted these presentations to go and press a single button, and the whole system would take care of distributing those in a customized format to all of these locations that they wanted to advertise on.
Q. Was the ease of use something that you were considering?
A. Very, very much so, because the -- the -- in 1997, the internet advertising was very difficult for these small -- small businesses, because they would have -- they would have to figure out where they wanted to put their presentations or their advertisements. They would have to contact those, negotiate a contract or agree to a standard contract. They would then have to -- have to get the -- get the rules, the presentation rules or the requirements for those advertisements, because the websites just wouldn't put up anything. So they had to get that.

Then they had to design the ad or pay someone else to design the ad or submit required information. It was -- it was a very frustrating process, a very long process for these -- for -- for the innkeepers we were dealing with, and -- and by our analysis for everyone trying to get their message out.
Q. How did you and Ms. Stone work together in coming up with these inventions?
A. Yeah, that's -- that's rather -- that's rather humorous. At the time -- at the time that we started working on this, Lucinda and $I$ were living in San Francisco, and we had -- we were working out of our house.

And the -- we were in a 1920 s house, small
bedrooms, rather unusual configuration by today's
standards, but -- so she had her office in one bedroom
and $I$ had my office in a second bedroom. And if you
opened the office doors, you could -- not office
doors -- excuse me -- the closet doors of the closet in
that bedroom, you could see straight through to the
other room.

So we would end up -- we arranged our desks so that we would end up sitting there, and when we started talking and brain-storming, I would turn towards her and she would turn towards me, and we would be talking through this closet.

So it -- it struck us as a bit unusual, but we had a lot of good brain-storming sessions through that closet.
Q. You mentioned that some of your clients had some frustrations. These were advertiser clients?
A. Yes, they were.
Q. Could you please describe in a little more detail the frustrations that these seller-side advertisers were facing in this timeframe?
A. Yes. The -- the advertisers had no central location to go to to -- in order to manage their ad campaigns. They would get no help.

It was -- it was always a case of -- of a
piecemeal operation; that they would have to manage all the contacts; that they would have to intimately have a relationship and know with each and every place that they were going to advertise -- they wanted to advertise their bed and breakfast, and they had to know minutia detail.

Some sites will accept certain amounts of text plus an image. Some sites want more text. It was just very difficult and very frustrating for them.
Q. Now, you mentioned that you were a web publisher; is that right?
A. That's correct.
Q. Was it important in coming up with these inventions that you were a web publisher?
A. Yes. One of the things we brought to -- to this -- this brain-storming and this inventive process is that we were publishers. So we were seeing the flip side of the advertisers' difficulty, of that seller's difficulty. I mean, when you're dealing with your clients and they're frustrated, that's not good for anyone.

So we were -- we were having to deal one-on-one with each one of them. We were having to solve individual problems. Many times, they would be submitting material and they would have gotten the
standards mixed up with somebody else's standards. So
we would have to go back to them.
We had to review every item that came in in
order to make sure that the ultimate ad that we created
was correct and accurate not only for their custom --
their custom content and their custom message but also
for -- for our standards that we were trying to maintain
on that website as far as look and feel, as far as the
design and style of our website.
Q. You testified about this at the very beginning of your testimony. But, Mr. Dean, please tell the jury whether you were aware of any type of automated customization that could access multiple websites before what you and Ms. Stone did?
A. No. There was absolutely nothing out there available that could take the raw data and generate custom ads that would satisfy the needs of a multitude of websites, to keep that look and feel, that design and style, and be true to what the -- what those website owners, those publishers, were trying to accomplish.
Q. Can I stop you there?

You mentioned the phrase look and feel. Can you please describe for us what you mean by the look and feel?
A. Yes. That's a -- that's a term used by
programmers and web internet publishers. And what we mean when we -- when we talk about that is that -- is that the design of it, the color combinations, the layout on the screen, the navigation through it.

And each publisher spends a huge amount of time and effort working on their site to try and perfect what they consider -- and this is an opinion that -- that no two publishers will agree on. But they try to perfect the perfect environment for the type of clients that they're going to attract.

They look at demographics on who they are. They study who's at their site. And they work very hard to maintain that look and feel consistency across their website.
Q. Does the look and feel allow the publisher, the web publisher, control over the appearance of his site?
A. Yes.
Q. In your experience as a website publisher, is the look and feel of a website important?
A. Yes. As I said, that's -- that's everything to a web publisher. They -- they're -- their whole mission in life is to build a better appearance and a better functionality for that website. That's all they've got to offer.

They've got -- all of them have lots of information. The question comes down to ease of use, consistency, how pleasing is it to the eye, how consistent, can you find the information.
Q. Now, can you please describe for us what was your idea? What was your breakthrough here?
A. The breakthrough on that was -- and it was probably through that $--I$ mean, it was through that closet, but the breakthrough was that we came -- we had the realization that these two objectives of the -- the seller wanting to get their message out and having a customized message and the website publisher's objective of maintaining that look and feel, of developing a consistency on their site, those weren't mutually exclusive.

We believed there was a way to more efficiently combine those objectives and allow for an even flow of work and a flow of these advertisements with much less anguish, you might say, on both sides. Yes.
Q. Was your idea limited to just bed and breakfast sites?
A. No, absolutely not. We -- we -- we started with the bed and breakfast site -- no. Excuse me -yes. We started with our bed and breakfast clients,
because we already had relationships with these clients. We understood the bed and breakfast industry, and we had good contacts.

But we viewed our patents and this patent, this invention that we had done, this system as being applicable to all internet advertising across a wide spectrum of almost any service, idea.

Whatever you wanted to promote, this would help promote it by getting it out and getting it into an acceptable format for those websites that were struggling, trying to bring in your advertisement, but by the same token, not violate their -- violate their look and feel and violate their -- what they were striving for.
Q. What did you do to implement these ideas?
A. In -- in early 1998, I went out and bought computer programming books. I enrolled in local -- at a local junior college in computer programming classes and started -- started programming these interfaces.
Q. Now, what happened after you started to program these interfaces and began attending these classes?
A. Well, I started attending the class -- or reading the books, attending the classes. And it was a very intense time, because $I$ was on $a--$ on a mission to
learn this -- learn this.
And shortly after that, we hired a programmer,
Mohammed Hasan, who had actually been an instructor at
the -- the junior college, and we hired him as a
part-time programmer to help me program that system. I
mean, $I$ was a novice programmer to start with, and I
needed his experience and expertise.
Q. When did you hire Mr. Hasan?
A. That was May of 1998.
Q. Now, did all three of you, Ms. Stone,

Mr. Hasan, and you -- all three of you work on the programming?
A. No. Lucinda doesn't -- does not program. She was very much -- she was running the business, and $I$ was doing the programming, along with Mohammed Hasan. But somebody had to take care of the core business that we had while we were working on this project for the future.
Q. Now, I want to be very clear about this for me and the jury here.

Was Mr. Hasan involved in any way in coming up with the ideas that became these patents?
A. Absolutely not. We hired Mr. Hasan in -- in May of '98. It was certainly -- by April of '98, Lucinda and $I$ had well mapped out and diagrammed how
this system was going to function and the intricacies and the interactions of the various pieces and the results that we wanted out of it.

So it was all mapped out. I had already been -- programming for a while on it, and then we hired Mr. Hasan.
Q. I think you just testified to this, but by April of 1998 , had you and Ms. Stone come up with this idea of automatically formatting advertisements?
A. Yes.
Q. When did you start the patent application process?
A. We started the patent application process in April of 1999.
Q. And what happened? Can you describe that briefly?
A. Yes. We had -- we had essentially finished the program, and we were going back in and improving the efficiency. But the program -- the program was finished, and I -- I called a -- an attorney to ask him how could we protect this.

We were very excited about it. We wanted to go out and show, and it -- and we felt we needed some sort of protection. In talking to him, he recommended that we file a patent application.
Q. When did you file your first patent application on these inventions?
A. The first patent application was filed in -on January 10th of 2000 .
Q. You testified that you started programming and implementing these ideas in early 1998; is that right --
A. Yes.
Q. -- approximately?

Were those programs, implementations of the inventions described in your patents?
A. Yes, they were. This was -- was what you might call phase one of -- of the total invention. We had to address the need -- we first had to address the needs of the bed and breakfast clients that we were starting out with.
Q. Okay.
A. So that's where we started.
Q. Yes. So could you go into -- what was phase one?
A. Phase one was -- was -- we created a seller interface so that the bed and breakfast clients could enter all their information that was required for -- to create a presentation, transmit it.

We completed the central processor and the -and we -- we completed the presentation generation
program. That was the part that took the various standards that were required, combined them with the custom message from the -- the innkeeper, and then generated and placed that ad on the internet.
Q. Did you create a website that had this?
A. Yes, we did.
Q. What was the name of that website?
A. It was lodgingreservations.com;
www.lodgingreservations.com.
Q. Now, there was some argument by Google's
counsel -- I want to be clear on this.
Mr. Dean, did you complete this first phase of your patent application and invention?
A. Yes.
Q. Do you have a video showing the operation of stage one of your system?
A. Yes, we do.
Q. Before we actually play the video, could you please describe for the jury what we are about to look at and how it came about?
A. These -- the video is from the actual -- an actual seller interface, and it's -- it's off of a computer from 2002. That program was essentially -- I mean, everything that's there was the same as when it was -- or in January of 2000 .

And so -- so we're going to have a video of how a bed and breakfast innkeeper might interact with our system through that seller interface.

We're then going to take you to a video of an actual presentation that was on the web at lodgingreservations.com in that 2002 -- it's from a Granbury Inn, and it's in that 2002 period. It was an actual presentation from there.

And we'll take you through that and show you how the data that was entered by the innkeeper, that custom message that was entered by the innkeeper was converted from their raw text input and was converted and reformatted into the standards of the lodgingreservations.com website.
Q. Okay. Let's go ahead and see the video. (Video playing.)
Q. (By Mr. Nelson) What are we looking at here, Mr. Dean?
A. Yes. That's -- that's the -- that would just be the desktop that the innkeeper would have on that interface. Here's a log-in screen.

I'll try to be brief here and keep up with it. This is the splash screen that just comes up first, shows the version numbers, et cetera.

Okay. That -- that -- can we pause there?

Just quickly, that's an error message because this particular database carries a credit card number in it from 2002. So the program believes that it's expired, which I'm sure it is. So that's the reason we're getting the error message.

Let's continue.

And so you see across the top, we have all these various -- various boxes or buttons. And by pressing those buttons, we get input screens. And we're just going to go to a couple of them because of time constraints.

This is the general information. So here's where the innkeeper would put things such as directions to their inn.

Let's pause -- continue.

Pause.

Okay. We're looking at the attractions tab, and this is where the innkeeper, through that new button on the other side, would have input various attractions that they wanted to promote in order to get people to come to -- to come to their area.

So -- and this is -- this was especially important with innkeepers, because they have a very tough time not only getting the message out that you should come to my inn and $I$ have a beautiful bed and
breakfast, but here are the things that you can do and
why you should stay an extra day.

So that was the promotion; that was the sales
that we were trying to facilitate.

Go on.

So this is where they put -- they put the message about each attraction. And once again, this is a test machine, so some of these are -- are -- so they were -- this particular test -- our tester was putting in these -- these various attractions.

Let's pause there.
Was putting in these various attractions, putting in the -- the custom message and then putting in the -- you know, the titles, et cetera.

Now, what we're looking at here -- what you're
looking at with this presentation, this is a -- this is a preview screen or a preview system within the seller interface.

So when -- the concept was that to help these sellers envision what was going to show up on the internet, we would allow them to input all their information, hit that view screen, and the program would generate $a--$ you know, one example of how this -- how this is going to show up.

And you'll notice that -- that it's -- you
know, the raw data that you saw being input in those
text boxes and on the text boxes concerning the
attractions, plus the photographs that were being
attached to it, are now being presented in a format with
this beige background and in this -- in this
listing-type format.
Let's go on.
So -- so that's the attractions. We're going
to close that. And then we're going to take a look at
rooms.
So this -- this is where a bed and breakfast
operator would promote each room, because bed and
breakfasts are -- let's pause.
Bed and breakfasts are well known for having
rooms with character. This was not designed to be used
for a standard, cookie-cutter motel situation. This
is -- these are people that are very proud of their
inns. They are very -- they spend extensive time making
themes for the various rooms, and they want to show it
off.
So this is where they would input the names of
the rooms.
Let's go on.
And here's -- let's pause.
Here's where they would put in the description for that room. So you had a long description. You also had a requirement for a short description.

And, again, this is being put in as raw data. Just fill in the text box. The innkeeper didn't have to do any formatting, no consideration. The innkeeper concentrated on getting their message that we would then promote.

And you'll see there's check boxes at the bottom.

Go ahead.
There we go. Let's pause there for a second, too.

This -- this is a series of check boxes that allow the innkeeper to just quickly check a box based on the various -- various amenities that that room might have.
Q. Mr. Dean, may I stop you there?
A. Yes.
Q. Could each different innkeeper check different boxes when it went to this interface?
A. Oh, absolutely. These were -- all of these were optional. In the text boxes, this was a suggested list. And down -- down on the bottom, you'll notice it says other room amenities where they could actually put custom amenities that we had never heard before.

So it was designed for those to be -- you know, these boxes to be checked where the standard is just to speed up the process and help these people identify ways of promoting and ways of identifying and differentiating the rooms that they had to offer.

But you'll notice that they're not typing in any of that. They're just putting the check box in.

Go ahead.
And here's where we do a view -- okay. Let's hold it. Hold it right there, please.

Once again, this is the preview function within the -- now, this is before the data has ever been transmitted to the central location. This is setting on -- this is within that seller interface that the seller has the ability to preview and make sure that he likes what he's come up with.

So -- and you can see they put in a short description, and then off to the right-hand side there, there's a list of those check boxes that were the amenities. So the innkeeper checked a box, and then the text of the amenities shows up on the preview.

Go ahead.
Now we're closing this, and we're going to go on, and we're going to show you a -- a sample -- not a sample. This is an actual innkeeper presentation that

1 appeared on the internet at that point in time.
appeared on the internet at that point in time.
Can we pause there?
As you had seen in the previous screen with
the -- with the -- with the -- with that innkeeper
interface or that seller interface, we want to call it,
they were able to put in images and put in the name of
the inn, a description for the inn, and the various
amenities. And these amenities are for the -- for the
overall inn.
And you'll notice that this looks entirely
different than the preview that you had seen before.
And the reason for that was that the innkeeper
used the preview to examine or test or make sure that he
was -- he was telling everything he needed to tell.
But then when he transmitted the information,
the information was transmitted purely as raw data.
There was no formatting; there were no backgrounds;
there were no colors. Nothing was transmitted other
than the pure raw text, which boxes were checked,
information that would just drop straight into a
database. There was no formatting.
Go ahead.
And what we're going to show here is that --
well, let's -- I think we're scrolling down here, so - -
and you can see this is fairly lengthy information, and
there are the amenities. So out of a broad list of amenities, this -- this innkeeper -- and let's hold right there.

This is Baker Street Harbour B\&B on the Lake, nice little bed and breakfast right on the lake in Granbury, and -- and this is how they wanted people to perceive their inn. This is how they wanted to promote their business.

Owner/operators. They live right on the premise, and they bring you breakfast in the morning.

So let's go ahead.
And you see, we're going to go to the attractions.

Let's stop right here.
On the attraction -- this is the same -- this is the result from the Baker Street Harbour Bed and Breakfast of the same type of data that we saw being input on the other side, that of the -- of the attractions.

Go ahead.
Q. Can $I$ stop you right there before we go on?
A. Sure.
Q. This -- these were the attractions picked by this particular Baker Street Harbour B\&B.

Could, say, another innkeeper down the road in

Granbury pick other attractions would then show up on the site as well that would be different from the attractions that the Baker Street Harbour B\&B picked?
A. Absolutely. Because what we were trying to do was give these people the power of the internet, the power for them to get a personalized message customized to their -- to their situation and what they wanted to sell, and allow them to get that out.

So what we're talking about is that the Baker Street Harbour desired to put up this Dinosaur Valley State Park. There was a Captain's House Breakfast nearby. They would have a totally different list. They would have a different description.

Sometimes they would have the exact same attraction, but it would have different photographs, and it would then have different descriptions.

We got many e-mails from people complimenting us on this -- this format from the standpoint that it provided a -- almost a travel guidebook that was individually produced by these various bed and breakfast --
Q. Okay. Let's go on.
A. -- innkeepers.

Let's go on.
So this is Granbury, Texas, and we'll just take a quick look here at -- at -- and see what Baker Street Harbour put up.

There's the Granbury Opera House, so they did that. And once again, that formatting is entirely different than that preview you saw. The courthouse, the county jail. There's Lake Granbury. And over here, we have one of the -- one of the few remaining, at that time, outdoor drive-inns.
Q. The county jail was a historical place?
A. Yes.
Q. Go on.
A. Sorry.

Okay. We'll quickly go to the rooms on that bed and breakfast. And once again, let's stop right there.

They were -- they were able to put in the customized room information for each and every room. So if they had a nine-room inn and all nine rooms were different, they would put in nine different descriptions. And they would have nine different amenities, possibly, depending on that room.

I mean, when you're on the lake, some -- some units or some rooms have lake views and some rooms do not. So this gave them the flexibility to do this customized presentation.

And all of it was done -- all this text -- all this text was input just as pure text, and it was transmitted to the central processor in that presentation generation program. It was -- it was sent purely as raw text.

There's no formatting, no backgrounds, no colors. Then -- then our presentation generation program can reconfigure it in any way that our program sees fit.

Go ahead.

And this is just other rooms. Dr. Doyle's Suite. And you can see the list of amenities is longer for that room, shorter for the next room.

So I believe -- I believe that's the end of that -- of that Baker Street Harbour presentation.
Q. Okay. Great. Mr. Dean, what would have been necessary to complete the system disclosed in your patents at this point?
A. At the point that we -- at the point the -- of the items that we had completed, we had mastered the difficult parts of it.

That -- that interface, as you saw, created multipage presentations. They were very complex. There was lots of information, because we believed in putting out lots of information for those innkeepers and for
those travelers.

The -- what we would have done to go forward is to -- is to take that shell, if you will, take the internal programming, and do the exact same thing for the media venue to allow them to input their -- their presentation rules and their design and style standards. That was the part that we never finished. But the level of difficulty was not there. We had -- we had accomplished the level of difficulty. We had gotten over the hurdles.

So -- so, yes, it would have -- we could
have -- we could have accomplished it.
Q. Did the patent describe how to complete the system that you just described here?
A. Yes, it did.
Q. Why didn't you complete the system?
A. We -- we -- I mean, quite frankly, we're a small mom-and-pop business, and we ran -- ran out of money.
Q. Did you try to get venture capital or other sources of funding to continue trying to develop your -your business in this system?
A. Yes, we did. I -- I -- I met with venture capitalists, and I was told that we were too old. I was told that they were looking for fresh faces with briefcases.
Q. Is that a quote?
A. That's a direct quote.
Q. Now, let's talk about what was going on within Virtual Cities during those days. What was the division of labor, if any, between you and Ms. Stone?
A. Well, Lucinda was definitely -- she was the boss. She was running the business. If there were any technical issues, then $I$ handled the technical issues. But she ran the shop.
Q. Now, were you also handling the patent matters?
A. Yes. I dealt with the attorneys and dealt with the PTO, the Patent Office, to push forward our - our -- our patents on -- on our invention.
Q. You stated before that you filed your first application on January 10th, 2000 ; is that right?
A. Yes.
Q. Did that application later become a patent?
A. Yes, it did. It became the '045 patent.
Q. Okay. While that '045 application was pending, did you file for another patent related to that '045 patent?
A. Yes -- yes. You're allowed to -- upon allowance from the PTO, you're allowed to then file a
continuation of that.
Q. Let me stop you right there. Could you just explain for us, what is a continuation?
A. A continuation application for a patent is a patent application that has a filing date, but -- but the specification and the drawings and the figures all come from a previous -- a previous patent.

Like in our case, everything relates back to that January 2000 date. That specification carried forward through -- through our advertising patents. It -- it didn't change in those continuations -- those continuation applications.
Q. What was the patent application that you filed in 2002 that was a continuation of that original January 10th patent application?
A. The -- that one was the -- what became the '059 patent, the second patent that we're -- that we're dealing with here today.
Q. And was there also the '587 patent?
A. Yes. There was a -- we had the '045. There was a continuation off of that to the '587. That -- we filed a continuation that then became the '045-- I mean -- excuse me -- I get confused with these -- became the '025.
Q. Now, just to be clear for all of us and for
the jury, could you please remind the jury whether the specification, the figures, the descriptions -- were those the exact same in the' '025 patent and the' '059 patent that was originally filed in the Patent \& Trademark Office on January 10th, 2000?
A. Yes, they were exactly the same. If you take the -- if you take the figures -- the figures and the specification from the '045 filed January of 2000 is exactly the same in the '0 -- in the '587, which was a continuation, and it's exactly the same in the '025 that was a continuation of the '587.

So that specification, that disclosure, that teaching, if you will, where we were -- we were laying out how someone could use our invention, could build our invention, and we were pointing out the importance of our invention, that specification carries forward through all of those, all the way back to January of 2000 .

MR. NELSON: Permission to approach the bench, Your Honor?

THE COURT: Yes.
Q. (By Mr. Nelson) Mr. Dean, I'm going to hand you what is Plaintiff's Exhibit 1 , the ' 025 patent, and Plaintiff's Exhibit 3, which is the '059 patent.
A. Yes.

MR. NELSON: And could we please put up Plaintiff's Exhibit 1 for the jury?
Q. (By Mr. Nelson) Mr. Dean, what are we looking at here on that first page and the cover of what's on the patent? If you can maybe show that to the jury, too.
A. Yes. This is the cover sheet of an original patent issuance from the -- from the PTO, from the Patent Office. And it has -- it has their seal, which is how you can tell that this is the original awarded patent.
Q. Okay. Let's go to the first page of the patent itself. And, Mr. Dean, you are listed as one of the inventors on this patent; is that right?
A. Yes. Lucinda and I are -- are the inventors. MR. NELSON: And if you could go, please, to the top right-hand side.
Q. (By Mr. Nelson) Could you just describe for the jury what we're looking at here and what this means.
A. Yes. That's -- that's -- we refer to this as the '025 patent, but that's the full patent number. And underneath --

MR. NELSON: And the jury should have a tab on this in its jury notebook under the '025 patent.
A. And -- and the -- and then underneath that is
the date that it was issued, which was July of 2007 .
Q. (By Mr. Nelson) Now, if you go down on that left-hand side column, does it say when the application was filed?
A. Yes. It shows -- right in the middle there, it shows september 30 th of 2004 .
Q. That's Line 22?
A. Yes.
Q. Okay. Now, could you please look at Line 63 and explain what the sentences mean in Line 63 for the jury.
A. That's -- that's the list of continuations, or the heritage, you might say, or the parents of this patent. And you can see it goes from the -- from the continuation application, and then it goes to that '587, and then it goes back all the way to January 10 th of 2000 , which is the '045.

That lineage is what carries that specification forward for the -- for this continuation application.
Q. Mr. Dean, what is the relationship between the claims in the '025 patent that is one of the patents-in-suit here today and the application that was filed January 2000?
A. Yes. The -- the claims in the '025 patent
come directly from the specification that was filed in
January 10 th of 2000 . So that '025, every claim in
there is supported in that original application of
January $10 t h, 2000$, that the Examiner reviewed.
Q. Now, let's briefly put up Exhibit 3, the '059 patent, which is also a jury tab.

Again, what is this first page, this cover page, Mr. Dean?
A. Yes. Again, we have -- we have the cover page from the U.S. PTO showing the seal, the U.S. Government Department of Commerce seal, and the awarding of the '059 patent.

MR. NELSON: And let's again go to the first page of the patent. And let's blow up that upper right-hand corner.
Q. (By Mr. Nelson) Mr. Dean, does this describe when the patent was issued and what its number is?
A. Yes. That's the full number of the '059, and it shows it being issued July 24 th of 2007 .
Q. Okay.

MR. NELSON: And let's then also go quickly to Line 63 of this patent.
Q. (By Mr. Nelson) And this one, Mr. Dean, what does it say on Line 63?
A. This says that it's a continuation-in-part.
Q. What is a continuation-in-part?
A. You have two types of -- to my knowledge, you have two types of continuation applications.

You have a continuation application that takes the specification and directly moves it forward, and your claims come off of that.

When you have a continuation-in-part, what has happened is, you're using the original specification, that January $10 t h$ of 2000 , and then you're adding some new substance to it. You're adding some new inventive ideas that you've come up with over that period of time.
Q. Now, it says that you filed this application July 11th, 2002. Is that when you filed this application?
A. That's correct.
Q. Again, you and Ms. Stone are the named inventors on this patent?
A. Yes.
Q. Now, we've talked about this '045 patent and the '587, which was the first continuation, and then, of course, the two patents-in-suit.

Which of these four patents, just to be clear, are we talking about today and which are you asserting here against Google?
A. We are asserting the -- the '025 and the' 059 .
Q. Now, I'm -- I'm hoping, Mr. Dean -MR. NELSON: Can we go back to Plaintiff's Exhibit 1 , please?
Q. (By Mr. Nelson) Could you -- orient ourselves a little bit on this patent and -- and describe briefly -- we've talked about what's on the first pages. MR. NELSON: Let's go to Page 3 of the patent.
Q. (By Mr. Nelson) What are we looking at here in Page 3 going forward?
A. This is -- this is the start of the section of the specification called the figures. I believe there's 35 pages of drawings and flowcharts.

And this is -- this is meant to give graphical information, visual information, in conjunction with the written specification so that someone reading this patent can actually build this system, understand its importance, and understand the -- the -- how all the pieces fit together, if you will.

These are very -- very important guidelines for a programmer on -- or for anyone trying to -- trying to duplicate what we've done. And patents are teaching vehicles. They're meant to tell someone skilled in the art exactly what you've done that's important and that is your invention.
Q. Now, what is after these figures?
A. After the figures comes the written specification, the written part of the specification, and this is a detailed text and narrative that then relates back to those figures.

And -- and you'll see, there's block numbers spread throughout. Each one of those block numbers typically will refer you to someplace on the -- the figures. And the whole idea is to provide the best teaching possible to convey this invention.
Q. Okay. Let's stop at Column 64, which is where we are right now up on the screen.
A. Yes.

MR. NELSON: Could you zoom in, please,
on that bottom right-hand?
Q. (By Mr. Nelson) What is happening here,

Mr. Dean, in this patent?
A. This -- this is -- this is the first claim.
Q. And maybe just wait a couple of seconds, if the jury wants to catch up in its own notebook.
A. Sorry.
Q. Okay. Why don't you go on?
A. Yeah. This is -- this is the -- the first part of Claim 1 of the '025, the independent claim -- or one of the independent claims of the '025.
Q. Now, before this -- what is claimed at the bottom of Column 64 , is everything in this ' 025 patent the same, the figures and the written specification, as what you filed to the Patent Office on January $10 t h$, $2000 ?$
A. Yes, it is. There's -- this patent has 397 claims. Each one of those draws upon the material that we submitted in January of 2000 . It's that January of 2000 specification that is the core teaching of our invention.
Q. Now, perhaps we could use some of the figures to illustrate how your invention works, if that's okay.
A. Sure.
Q. Is there a particular place in the patent that -- that we should turn?
A. Yes. Let's look at -- I believe -- let's start with 1b.
Q. Okay. Okay. Let's go to Figure 1b. This is near the front of the patent.
A. Yes.
Q. Okay. And we're going to highlight some things up on the screen. And, Mr. Dean, maybe using Figure lb as a guide, could you please explain how the invention works to the jury?
A. Maybe we'll just take a second and --
Q. Sure.
A. I see lots of shuffling going on. There's a lot of paper there.

Okay. Figure 1b is an overview of our invention, and it shows the relationship of all the various components or entities or -- or, you know, the -- it shows the relationship and how these things interact.

And once again, this figure is -- is further described in the written -- written description, so it's meant that someone would sit down, have this figure in front of them, and be reading the reference material to this figure.
Q. Let's start maybe at the top left, which is the seller interface. Could you please describe, what is the seller interface? Can you give me an example of that?
A. Well, the -- the example of that seller interface is the seller interface that we demoed in our -- in our video.

That's the interface that allows the seller to sit down and input raw data to input his custom message, his advertising message, if you will, that he wants to promote a product or a service or -- or who knows what, and it allows him to then input information on where he
wants to advertise. And it's done at that location.
When -- when he presses the submit button, the raw data
containing that information to -- that information
concerning his advertising message and the
information -- and that's the information to create his
ad.
Q. Now, is the seller interface software?
A. Yes. I'm sorry. Yes. The seller information is -- I mean, the seller interface is purely software.
Q. Okay.
A. And when they hit that submit button, that raw data is then transmitted to 1,000, which is the central controller and presentation processor.
Q. Okay. Now, could you -- besides what you just demoed to the jury, can you give another example perhaps of a seller interface and how the seller interface is used.
A. Well, let's -- and we've talked about a fairly complicated seller interface or a very complicated one, which was our bed and breakfast.

If we -- if we -- we might take a more simple one that would be allowing general merchandise, and we'll use an example of a seller that's -- that is selling T-shirts.

So that seller would -- would sit down, and he would input: Buy my T-shirts. And so that would be the information to create. He's created his ads -- or his ad: Buy my T-shirts. That's the message he wants to hammer on. That's the message that's going to bring him his income.

So having done that, he then -- he then inputs where he wants that message to go. And he's looked at his demographics, and he says, I want this message to go to all college campus -- college campus websites.

So he puts in the information about going to college campus websites, and that information is submitted.

So there you've got your two components of raw data. You've got your advertising message: Buy my T-shirts. You've got your -- and it could be buy shoes, you know, buy umbrellas, whatever.

And then he -- and then he says all campus -all college campus websites. So that's then submitted to the central controller and presentation processor.
Q. Now, we've talked about the seller interface. Is the web publisher internet media interface described on this Figure 1b as well?
A. Yes, it is.
Q. Where is that?
A. That would be block 6,000 over there.
Q. Okay. And what is that?
A. Well, and that would be where whoever was managing the website for the university or college campus, they would be inputting their standards.

And Mr. Tribble gave you an example, so you might have -- have a college that -- UT, that was putting in -- we want our backgrounds to have burnt orange, and we're not going to accept anything else. And you've got another one that says red. You've got another that says -- so they're putting in their school colors. They're putting in something that's going to compliment and is going to fit into the design and style to control that look and feel that $I$ talked about of their website. They're protecting that look and feel.
Q. Now -- and where does that information go?
A. That -- that information -- on 6,000 , that information then goes back to when they submit it, and it's the same -- it's the same process. It's submitted as raw data.

They don't actually put in the formatting commands. They put in the raw data that it takes to -to say what background -- what background they want or what -- what controllers they want. So that raw data is then transmitted to 1,000 again.
Q. Okay. And let's go to 1,000. Is there any other figure that that also describes or goes into detail about, Figure 1,000?
A. Yes. On 1,000, if we could -- on that one, we need to flip over to -- to -- I believe it's 2 a .
Q. Okay. And what are we looking at here, Mr. Dean?
A. $2 a$ is a -- and once again, I need to stress that when you file a patent application, what you do is you put in what you consider to be the best embodiment of the system, the best design for a variety of reasons. So although this -- you know, this -- this -- this shows up as a given embodiment that could be built, the patent is not designed to be limited to that.

But on -- on this, it shows -- and the key we want to point out here is -- is we've got those various databases under the 1600 , so there's a whole bunch of databases, but the important item is to go down to 1710 .
Q. And what is 1710?
A. And 1710 is the presentation generation program. It's the presentation generation program that -- that does all the work.

The presentation generation program takes that custom message, brings in those requirements from the -from the various websites, selects the website, and
combines that custom message to end up with a buy my T-shirt ad in burnt orange, with the burnt orange background, burnt orange lettering, some sort of combination that was set up to complement their site. At the same time that's going on, the information from the -- from the college campus that was running maroon or wanting maroon is being combined with that same custom advertising message, the buy my T-shirts, and it's coming out with a maroon ad that says: Buy my T-shirts. And those are sent to the appropriate place.

Once again, this is -- you know, it's a matter of controlifng that look and feel, and -- and it's also a matter of providing the efficiency. We had one stop; we had one seller interface; he inputs the data. And I've given you two examples. It could be 2,000 examples of where it's going to go.
Q. Now, referring back --

MR. NELSON: Could we go back to

Figure lb for a second?
Q. (By Mr. Nelson) We've talked about these three boxes. Are there figures that go into detail for each of these three highlighted boxes as well?
A. Yes. There's -- there's -- I believe there's 64 columns, plus other figures. There's other figures
and then 64 columns of written description that lays out what each one of these is and what -- and what it -what its function is within the invention.
Q. Okay. And let's -- I want to focus briefly on the seller interface again.

In this system, does the seller insert a finalized advertisement?
A. Absolutely not.
Q. Okay. Thank you.
A. Raw data only.
Q. Okay. Finally, I want to switch gears and spend the last few minutes of this morning talking about the parties in this lawsuit.

First of all, who is -- what is Function Media?
A. Well, Function -- Function Media is a holding company that Lucinda and $I$ created to -- to hold our patents and provide a license for -- I mean, provide an entity for conducting licensing of those patents.
Q. Did you and Ms. Stone assign the two patents-in-suit to Function Media?
A. Yes, we did.
Q. Now, why did you form Function Media as opposed to just holding the patents in your own name?
A. Our other business interests are corporations,
and the advice we get is that we should have corporations to hold this type of intellectual property and act as an entity in the licensing.
Q. And you and Ms. Stone are the 100 percent owners combined?
A. Yes. We own 100 percent of it.
Q. Where would be Function Media's headquarters, if there are any?
A. Well, Function Media is a Texas corporation. It's owned by Lucinda and I, and we're here in Texas. But I'm not sure I'd refer to it as headquarters. These Function Media licensing is the only operations going on.
Q. Now, you briefly touched upon this at the beginning of your testimony today, but why are you suing Google for patent infringement?
A. This is -- these patents are our property. These patents belong -- these are the property of Lucinda and I.

And it was granted -- this property was -- was granted -- this property right was granted to us by -by the $P T O$ through Congress and all the way back to the Constitution. This is -- this is our ownership right as Americans to have these patents.

We -- Google is making a huge amount of money off this system, and -- and we just want a fair royalty. We want -- we want -- we want a fair licensing agreement and royalty off of our property.
Q. What do you think of Google as a company?
A. I think they're great. There's a -- I mean, they're bright. They're -- they have lots -- lots of good products. I just wish they would acknowledge and license our technology.
Q. Now, again, we touched upon this briefly at the beginning of the testimony, but why didn't you contact them before filing suit here?
A. The -- the -- once again, the fundamental patents that are at the core of really important inventions, okay, these fundamental patents -- and Google, $I$ believe, has $\$ 5$ billion worth of revenue, we heard earlier.
Q. For these -- just to be clear, for these accused products only?
A. Just for these accused products. And so these are core, fundamental, high-priority systems, and those are rarely, if ever, licensed outside of the context of -- of litigation.
Q. Now, if Google had approached you at the time that the '025 and '059 patents had issued, would you have been willing to negotiate a license?

MR. VERHOEVEN: Objection, calls for speculation.

THE COURT: Overruled.
Q. (By Mr. Nelson) You may answer.
A. Yeah.
Q. You want me to repeat the question? How about this?
A. Please.
Q. Yes. If Google had approached you at the time of the '025 and '059 patents, when they issued, would you have been willing to negotiate a license?
A. Yes, I would.
Q. Okay. And what -- generally, what type of license would you have been interested in negotiating?
A. I would have been interested in negotiating a running royalty.
Q. Could you just maybe briefly describe for the jury, what is a running royalty?
A. Well, I believe -- at least what I mean from a running royalty is that -- is that we would negotiate a percentage, and going forward, Google -- we would get a percentage of the -- of all the revenue.

It seems to me that that's only fair. It's a case of sharing in the upside, and if there isn't an upside, then you don't get it. If there is an upside,
then you -- you know, then you get your percentage.
But it's just -- it's a fair way of handling -- of
handling -- you know, it's a -- it's a fair way of
handling the system in any environment, but when you're
talking about the explosion that is the internet -- and
the internet -- I'm a true believer in the internet.
The internet has just begun.
This technology is going to go forward, and it
has -- it only has upside, and we are real believers in
it.
Q. Now, have you had the opportunity to specifically think about what any starting point would have been for you in these negotiations that you would have had with Google?
A. Yes. Lucinda and $I$ have talked about it -- or talked about it back then.
Q. And more recently, too?
A. Yes.
Q. And what would that have been?
A. It would have been 20 percent.
Q. Why 20 percent as a starting point?
A. These -- these are fundamental, core
technologies. As much as -- as there's all kinds of things happening, Google's system -- the accused products do not work without our invention.

So, yes, there's $\$ 5$ million (sic), but without our system, there's nothing.
Q. Now, Mr. Dean, in your personal experience as a web publisher --
A. Yes.
Q. -- do publishers benefit from these inventions?
A. Absolutely. We -- Lucinda -- Lucinda and I were publishers on the Google system, and it's a very beneficial system.
Q. How is it beneficial to publishers?
A. It allows -- it -- it allows the publishers to monetize -- essentially, to monetize what would have been sort of a lost opportunity by being able to -- to stick ads on web pages or websites that -- that you've got room for and convert that -- convert those views, if you would, into cash flow.
Q. And from your personal experience, what is the cost to a publisher of adding these ads to their sites?
A. It's next to nothing.
Q. Okay.

MR. NELSON: Thank you, Your Honor.
We'll pass the witness.

THE COURT: Cross-examination.
MR. VERHOEVEN: May I inquire how long
we're going, Your Honor? Till noon?
THE COURT: Nine minutes.
MR. VERHOEVEN: Nine minutes.
CROSS-EXAMINATION
BY MR. VERHOEVEN:
Q. Morning, Mr. Dean.
A. Good morning.
Q. Let me start with some background questions, if I might.
A. Sure.
Q. You've completed a few years of college, correct?
A. Yes.
Q. You have no college degrees, though; is that
right?
A. No, I do not.
Q. And is it -- is it fair that you did not take any programming classes in college? Right?
A. No, that's not -- that's not true. When $I$ - in 1998, when $I$ went back to that --

THE COURT: Well, just a second -- if
it's true, just say it's true. If it's not true, just say it's not.

THE WITNESS: I'm sorry, Your Honor.
THE COURT: You'll get a chance to explain when your lawyers ask you additional questions.

THE WITNESS: Okay. Sorry.

THE COURT: Proceed.
Q. (By Mr. Verhoeven) Let me ask you this: Did you take any programming classes in college or after college unrelated to Virtual Cities?
A. No.
Q. Before you worked on the Virtual Cities' -well, let me back up.

The software that you showed the demonstration for, that had a name, right?
A. Yes.
Q. It was called Virtual Cities Reservation Network?
A. Yes.
Q. Now, before you worked on the Virtual Cities Reservation Network, you had never programmed anything else, had you, sir?
A. No, I had not.
Q. Now --

MR. VERHOEVEN: Ed, if I could get the claim chart over there.

Your Honor, may $I$ come around here and put it up here?

THE COURT: Yes.

MR. VERHOEVEN: And may I ask the witness
a few questions from over here?

THE COURT: Yes.

MR. VERHOEVEN: Thank you.
Q. (By Mr. Verhoeven) Can you see this, Mr. Dean?

Should I move it over here?
A. That might be better, yes.
Q. Okay.

MR. VERHOEVEN: Is that okay, Your Honor?
THE COURT: Take a moment, please. Make
sure that the Members of the Jury can see it as well.

MR. VERHOEVEN: Yes, Your Honor.
Q. (By Mr. Verhoeven) Now, you gave a lot of testimony about how your patent works, but $I$ notice we didn't -- you weren't asked about the actual claims here, so I'd like to ask a couple questions about the claims.

This is Claim 1 of the '025 patent; is that right?
A. That's correct.
Q. And you understand that a patent is a property right, right?
A. Yes.
Q. And that there's boundaries to that property right, correct?
A. Yes.
Q. And you understand that the claim language defined the boundaries of the patent, right?
A. Yes.
Q. And you understand that for someone to infringe the patent, that they have to meet every one of these elements, right?
A. Yes.
Q. Okay. Now, this claim I'm going to use, because it's a representative claim, has this first interface you're talking about, right?
A. Yes.
Q. And can you describe for the jury what that first interface is in that claim language?
A. Do you want me to read it?
Q. If that's how you'd like to describe it, sir.
A. Well, I -- a first interface to the computer system through which each of the internet media venues is prompted to input presentation rules for the internet media venue for displaying electronic advertisements on the internet media venue.
Q. Okay. What does that mean? Can you turn that into non-patentees for the jury?
A. Sure. I believe so.

The -- if you recall, we -- we looked at
the -- I did a video that had the first interface of the seller. So within this, one embodiment of it -- and once again, we were showing a preferred embodiment in our patent application.

So one possible embodiment of it would be to have the first interface, which in -- which the first interface is for the internet media venue. It would look similar to that interface that $I$ showed you on our video.

Now, it wouldn't have the same questions. It wouldn't have -- I mean, obviously, the one you saw was talking about a bed and breakfast and describing bedrooms and everything else.

So this media venue interface would not have that information. That -- it would be replaced with questions, such as what background do you want; what font do you want to use; what other rules do you have for the presentations that you want to accept?

MR. NELSON: Your Honor, may we approach? I'm sorry. I didn't mean to interrupt.

THE COURT: Yes, you may approach.
(Bench conference.)
MR. NELSON: I just want to make sure
that Mr. Verhoeven is not going to violate the limine on having Mr. Dean interpret any claim terms or what a
claim term means, and especially --
THE COURT: He isn't going to do that,
but, you know, we're not going to summarize claim
language in lay language. The jury is going to be bound
by the court's construction of the terms that the court
has construed.
And so, you know, they went into his
understanding of the invention, so I'm going to give you
a little bit of latitude, but -- I mean, this -- you
need to start framing your question in the context of
the claim terms as construed by the Court, okay, because
this is going to be --
MR. VERHOEVEN: I understand.
THE COURT: -- going to be confusing to
them to have multiple --
MR. VERHOEVEN: I understand.
MR. NELSON: And --
MR. VERHOEVEN: Can I just say something?
MR. NELSON: I'm sorry, sir.
MR. VERHOEVEN: I just want to establish
that media venues is their publishers. Is that a
problem?
THE COURT: Well, just ask him that.
MR. VERHOEVEN: That's not a --
MR. NELSON: And we'd ask for an
instruction that just says that you're ultimately going to give the definitions.

THE COURT: Well, they understand that.
They've got copies of them. But I'll allow you to go there, and then let's move on.

MR. VERHOEVEN: Thank you, Your Honor.
MR. NELSON: Thank you, sir.
(Bench conference concluded.)
Q. (By Mr. Verhoeven) Now, this language here -I just want to ask one more question.

This internet media venue --
A. Yes.
Q. -- language, is it fair to say that's referring to publishers, internet media venues or website publishers?
A. You have two different internet media venues, two different references in that -- in that first element.

One is in reference to the operator of the internet media venue, and the other is in reference to the definition of the media venue.
Q. The first interface for the computer system through which each internet media venue is prompted to input presentation rules, let me just ask you -- this is a fancy word -- is that referring to website publishers,
or does that include website publishers?
A. The first one would be referring to the -- to the website publishers, yes.
Q. And you talked about how the publishers would input presentation rules, and that would go to the central controller in your direct examination, right?
A. Yes, because it says internet media venues is prompted.
Q. As of April 1998, it's correct, is it not, sir, that neither you nor Ms. Stone had the technical ability of writing software to create the media venue interface?
A. I believe we did.
Q. Well, I'd like to play -- we took your deposition. Do you remember that?
A. Yes.
Q. And I'd like to play a clip from your deposition dated September 9th, 2009 , Page 61, Lines 8 through 17.

MR. VERHOEVEN: Charles, do we have that up?
Q. (By Mr. Verhoeven) Let's see what you said at your deposition in response to that question.
(Video playing.)
QUESTION: As of April 1998, is it
correct that neither you nor Ms. Stone had the technical
capability of writing the software code to create a
media venue interface?

ANSWER: In '97, '98; is that correct?
QUESTION: That's correct.
ANSWER: Yeah. In '97 or '98, I did not have the ability to do that.

QUESTION: And neither did Ms. Stone, to your knowledge?

ANSWER: Neither did Ms. Stone.
(End of video clip.)
THE COURT: All right. Nine minutes is up, so now we're going to take our lunch recess, Ladies and Gentlemen. Be back ready to come in the courtroom at 1:15.

Remember my prior instructions, and don't talk about the case.

COURT SECURITY OFFICER: All rise.
(Jury out.)
THE COURT: All right. I'll see you at
$1: 15$.

MR. VERHOEVEN: I was just going to say, Your Honor, there may be a couple of issues that -- on my cross, that to save time, I might want to address with Your Honor before we start again, or should I

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just approach the bench?
THE COURT: Well, be down -- be down at
chambers at 5 after 1:00, and I'll take them up in
chambers, okay?

MR. VERHOEVEN: Thank you, Your Honor.
THE COURT: Okay. If we need a record,
I'll hold the jury out before we come back.
MR. VERHOEVEN: Thank you, Your Honor.
(Recess.)
* * * * *

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## CERTIFICATION

I HEREBY CERTIFY that the foregoing is a
true and correct transcript from the stenographic notes of the proceedings in the above-entitled matter to the best of my ability.
/s /
SUSAN SIMMONS, CSR
Date
Official Court Reporter
State of Texas No.: 267
Expiration Date: 12/31/10
/s / $\qquad$
SHELLY HOLMES, CSR
Date
Deputy Official Court Reporter
State of Texas No.: 7804
Expiration Date 12/31/10

