

Model Patent Jury Instructions
for the Northern District of California

November 29, 2007

Working Committee

Martin Fliesler – Chair
Professor Mark Lemley
David McIntyre
James Pooley
Matthew Powers
Honorable Ronald Whyte
James Yoon

I. Introduction

These Revised Model Patent Jury Instructions have been adopted by the Northern District of California as model patent instructions. The court intends to revise these instructions as needed to make them more complete and to ensure compliance with U.S. Supreme Court and Federal Circuit decisions. The court is indebted to the Working Committee which spent many hours drafting these model instructions.

The instructions have been prepared to assist judges in communicating effectively and in plain English with jurors in patent cases. The instructions are models and are not intended to be used without tailoring. They are not substitutes for the individual research and drafting that may be required in a particular case.

These instructions include only instructions on patent law. They will need to be supplemented with standard instructions on, among other things, the duties of the judge and jury, the consideration of evidence, the duty to deliberate, and the return of a verdict. The Ninth Circuit's Manual of Model Civil Jury Instructions (Revised April 2007) is a good reference for standard instructions for civil cases.

The instructions use the terms "patent holder" and "alleged infringer" in brackets. The names of the parties should be substituted for these terms as appropriate. Other language is bracketed as it may not be appropriate for a particular case. Empty brackets signify additional case specific information to be added, such as patent or claim numbers.

Suggested revisions to these instructions may be sent to the Honorable Ronald M. Whyte at the e-mail address: Ronald_Whyte@cand.uscourts.gov or at his U.S. mail address: U.S. Court Building, 280 S. First Street, San Jose, California 95113.

II. Table of Contents

- A. Preliminary Instructions
 - 1. What a Patent Is and How One is Obtained
 - 2. Patent At Issue
 - 3. Summary of Contentions
 - 4. Overview of Applicable Law
 - 5. Outline of Trial
- B. Instructions at Close of Evidence
 - 1. Summary of Contentions
 - 2. Claim Construction
 - 2.1 Interpretation of Claims
 - 3. Infringement
 - 3.1 Infringement – Burden of Proof
 - 3.2 Direct Infringement
 - 3.3 Literal Infringement
 - 3.4 Infringement Under the Doctrine of Equivalents
 - 3.5 Means-Plus-Function Claims – Literal Infringement
 - 3.6 Means-Plus-Function Claims – Infringement Under the Doctrine of Equivalents
 - 3.7 Limitations on the Doctrine of Equivalents
 - 3.8 Indirect Infringement – Generally
 - 3.9 Contributory Infringement
 - 3.10 Inducing Patent Infringement
 - 3.11 Willful Infringement
 - 4. Validity
 - 4.1 Invalidity – Burden of Proof
 - 4.2 Adequacy of Patent Specification
 - 4.2a Written Description
 - 4.2b Enablement
 - 4.2c Best Mode

- 4.3 The Claims
 - 4.3a1 Anticipation
 - 4.3a2 Statutory Bars
 - 4.3b Obviousness – (Alternative 1) – (Alternative 2)
 - 4.3bi Scope and Content of Prior Art
 - 4.3bii Differences Over the Prior Art
 - 4.3biii Level of Ordinary Skill
 - 4.3c Inventorship

- 5. Patent Damages
 - 5.1 Damages – Burden of Proof
 - 5.2 Lost Profits – Generally
 - 5.3 Lost Profits – Factors to Consider
 - 5.3a Lost Profits – Market Share
 - 5.4 Lost Profits – Collateral Sales
 - 5.5 Lost Profits – Price Erosion
 - 5.6 Reasonable Royalty – Entitlement
 - 5.7 Reasonable Royalty – Definition
 - 5.8 Date of Commencement – Products

C. Appendix

- 1. Glossary
- 2. Comments Regarding Use of Sample Verdict Form
- 3. Sample Verdict Form

WHAT A PATENT IS AND HOW ONE IS OBTAINED

This case involves a dispute relating to a United States patent. 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.

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] [for 17 years from the date the patent issued] 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 or 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 boundaries.

After the applicant files the 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 I will give you at a later time 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 claims meet the requirements 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 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.

A.2. Preliminary Instructions

PATENT AT ISSUE

[The court should show the jury the patent at issue and point out the parts including the specification, drawings and claims including the claims at issue. The court could at this point also hand out its construction of any claim terms and the glossary.]

A.3. Preliminary Instructions

SUMMARY OF CONTENTIONS

To help you follow the evidence, I will now give you a summary of the positions of the parties.

The parties in this case are [patent holder] and [alleged infringer]. The case involves a United States patent obtained by [inventor], and transferred by [inventor] to [patent holder]. The patent involved in this case is United States Patent Number [patent number] which lists [inventor] as the inventor. For convenience, the parties and I will often refer to this patent as the [last three numbers of the patent] patent, [last three numbers of patent] being the last three numbers of its patent number.

[Patent holder] filed suit in this court seeking money damages from [alleged infringer] for allegedly infringing the [] patent by [making], [importing], [using], [selling], and [offering for sale] [products] [methods] that [patent holder] argues are covered by claims [] of the patent. [[Patent holder] also argues that [alleged infringer] has [actively induced infringement of these claims of the [] patent by others] [and] [contributed to the infringement of these claims of the [] patent by others].] The [products] [methods] that are alleged to infringe are [list of accused products or methods].

[Alleged infringer] denies that it has infringed claims [] of the [] patent and argues that, in addition, the claims are invalid. [Add other defenses, if applicable].

Your job will be to decide whether claims [] of the [] patent have been infringed and whether those claims are invalid. If you decide that any claim of the [] patent has been infringed and is not invalid, you will then need to decide any money damages to be awarded to [patent holder] to compensate it for the infringement. [You will also need to make a finding as to whether the infringement was willful. If you decide that any infringement was willful, that decision should not affect any damage award you give. I will take willfulness into account later.]

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 patent has been infringed and whether any claim is invalid.

A.4. Preliminary Instructions

OVERVIEW OF APPLICABLE LAW

[The court may want to consider giving preliminary instructions on the patent law applicable to the specific issues in the case. This could help focus the jury on the facts relevant to the issues it will have to decide. If this is done, the instructions intended to be given after the close of evidence could be adapted and given as preliminary instructions. This, of course, would not negate the need to give complete instructions at the close of evidence.]

A.5. Preliminary Instructions

OUTLINE OF TRIAL

The trial will now begin. First, each side may make an opening statement. An opening statement is not evidence. It is simply an outline to help you understand what that party expects the evidence will show.

The presentation of evidence will then begin. There are two standards of proof that you will apply to the evidence, depending on the issue you are deciding. On some issues, you must decide whether something is more likely true than not. On other issues you must use a higher standard and decide whether it is highly probable that something is true.

[Patent holder] will present its evidence on its contention that [some] [the] claims of the [] patent have been [and continue to be] infringed by [alleged infringer] [and that the infringement has been [and continues to be] willful.] To prove infringement of any claim, [patent holder] must persuade you that it is more likely than not that [alleged infringer] has infringed that claim. [To persuade you that any infringement was willful, [patent holder] must prove that it is highly probable that the infringement was willful.]

[Alleged infringer] will go next and present its evidence that the claims of the [] patent are invalid. To prove invalidity of any claim, [alleged infringer] must persuade you that it is highly probable that the claim is invalid. In addition to presenting its evidence of invalidity, [alleged infringer] will put on evidence responding to [patent holder]'s infringement [and willfulness] contention[s].

[Patent holder] will then return and will put on evidence responding to [alleged infringer]'s contention that the claims of the [] patent are invalid. [Patent holder] will also have the option to put on what is referred to as "rebuttal" evidence to any evidence offered by [alleged infringer] of non-infringement [or lack of willfulness].

Finally, [alleged infringer] will have the option to put on "rebuttal" evidence to any evidence offered by [patent holder] on the validity of [some] [the] claims of the [] patent.

[During the presentation of the evidence, the attorneys will be allowed brief opportunities to explain what they believe the evidence has shown or what they believe upcoming evidence will show. Such comments are not evidence and are being allowed solely for the purpose of helping you understand the evidence.]

Because the evidence is introduced piecemeal, you need to keep an open mind as the evidence comes in and wait for all the evidence before you make any decisions. In other words, you should keep an open mind throughout the entire trial.

After the evidence has been presented, [the attorneys will make closing arguments and I will give you final instructions on the law that applies to the case] [I will give you final instructions on the law that applies to the case and the attorneys will make closing arguments]. Closing

arguments are not evidence. After the [closing arguments and instructions] [instructions and closing arguments], you will then decide the case.

B.1. Summary of Contentions

SUMMARY OF CONTENTIONS

I will first give you a summary of each side's contentions in this case. I will then tell you what each side must prove to win on each of its contentions. As I previously told you, [patent holder] seeks money damages from [alleged infringer] for allegedly infringing the [] patent by [making,] [importing,] [using,] [selling] and [offering for sale] [products] [methods] that [patent holder] argues are covered by claims [] of the patent. These are the asserted claims of the [] patent. [Patent holder] also argues that [alleged infringer] has [actively induced infringement of these claims of the [] patent by others] [contributed to the infringement of these claims of the [] patent by others]. The [products] [methods] that are alleged to infringe are [list of accused products or methods].

[Alleged infringer] denies that it has infringed the asserted claims of the patent and argues that, in addition, claims [] are invalid. [Add other defenses if applicable.]

Your job is to decide whether the asserted claims of the [] patent have been infringed and whether any of the asserted claims of the [] patent are invalid. If you decide that any claim of the patent has been infringed and is not invalid, you will then need to decide any money damages to be awarded to [patent holder] to compensate it for the infringement. [You will also need to make a finding as to whether the infringement was willful. If you decide that any infringement was willful, that decision should not affect any damage award you make. I will take willfulness into account later.]

B.2. Claim Construction

2.1 INTERPRETATION OF CLAIMS

I have interpreted the meaning of some of the language in the patent claims involved in this case. You must accept those interpretations as correct. My interpretation of the language should not be taken as an indication that I have a view regarding the issues of infringement and invalidity. The decisions regarding infringement and invalidity are yours to make.

[Court gives its claim interpretation. This instruction must be coordinated with instruction 3.5 “Means-Plus-Function Claims—Literal Infringement” if the claims at issue include means-plus-function limitations.]

Authorities

Markman v. Westview Instruments, Inc., 517 U.S. 370, 384-391 (1996); *Pitney Bowes, Inc. v. Hewlett-Packard Co.*, 182 F.3d 1298, 1304-13 (Fed. Cir. 1999); *Cybor Corp. v. FAS Techs.*, 138 F.3d 1448 (Fed. Cir. 1998) (*en banc*); *Markman v. Westview Instruments, Inc.*, 52 F.3d 967, 977 (Fed. Cir. 1995) (*en banc*).

B.3. Infringement

3.1 INFRINGEMENT – BURDEN OF PROOF

I will now instruct you on the rules you must follow in deciding whether [patent holder] has proven that [alleged infringer] has infringed one or more of the asserted claims of the [] patent. To prove infringement of any claim, [patent holder] must persuade you that it is more likely than not that [alleged infringer] has infringed that claim.

Authorities

Warner-Lambert Co. v. Teva Pharm. USA, Inc., 418 F.3d 1326, 1341 n.15 (Fed. Cir. 2005); *Seal-Flex, Inc. v. Athletic Track and Court Constr.*, 172 F.3d 836, 842 (Fed. Cir. 1999); *Morton Int'l, Inc. v. Cardinal Chem. Co.*, 5 F.3d 1464, 1468-69 (Fed. Cir. 1993).

B.3. Infringement

3.2 DIRECT INFRINGEMENT

A patent's claims define what is covered by the patent. A [product] [method] directly infringes a patent if it is covered by at least one claim of the patent.

Deciding whether a claim has been directly infringed is a two-step process. The first step is to decide the meaning of the patent claim. I have already made this decision, [and I will instruct you later as to the meaning of the asserted patent claims] [and I have already instructed you as to the meaning of the asserted patent claims]. The second step is to decide whether [alleged direct infringer] has [made,] [used,] [sold,] [offered for sale] or [imported] within the United States a [product] [method] covered by a claim of the [] patent.¹ You, the jury, make this decision.

[With one exception,] you must consider each of the asserted claims of the patent individually, and decide whether [alleged direct infringer]'s [product] [method] infringes that claim. [The one exception to considering claims individually concerns dependent claims. A dependent claim includes all of the requirements of a particular independent claim, plus additional requirements of its own. As a result, if you find that an independent claim is not infringed, you must also find that its dependent claims are not infringed. On the other hand, if you find that an independent claim has been infringed, you must still separately decide whether the additional requirements of its dependent claims have also been infringed.]

There are two ways in which a patent claim may be directly infringed. A claim may be "literally" infringed, or it may be infringed under the "doctrine of equivalents." The following instructions will provide more detail on these two types of direct infringement. [You should note, however, that what are called "means-plus-function" requirements in a claim are subject to different rules for deciding direct infringement. These separate rules apply to claims []. I will describe these separate rules shortly.]

Authorities

35 U.S.C. § 271; *Warner-Jenkinson Co., Inc. v. Hilton Davis Chem. Co.*, 520 U.S. 17 (1997); *Cross Med. Prods., Inc. v. Medtronic Sofamor Danek, Inc.*, 424 F.3d 1293, 1310-11 (Fed. Cir. 2005); *DeMarini Sports, Inc. v. Worth, Inc.*, 239 F.3d 1314, 1330-34 (Fed. Cir. 2001); *Seal-Flex, Inc. v. Athletic Track and Court Constr.*, 172 F.3d 836, 842 (Fed. Cir. 1999); *Carroll Touch, Inc. v. Electro Mech. Sys., Inc.*, 15 F.3d 1573, 1576 (Fed. Cir. 1993).

¹ Consistent with the policy of these instructions not to propose instructions on issues that arise only rarely, we have not proposed instructions on international infringement under sections 35 U.S.C. 271(f) and (g). If those issues arise, the reference in this instruction to infringement "within the United States" should be modified accordingly. See *Microsoft Corp. v. AT&T Corp.*, 127 S.Ct. 1746 (2007); *Bayer AG v. Housey Pharms. Inc.*, 340 F.3d 1367 (Fed. Cir. 2003).

B.3. Infringement

3.3 LITERAL INFRINGEMENT

To decide whether [alleged infringer]'s [product] [method] literally infringes a claim of the [] patent, you must compare that [product] [method] with the patent claim and determine whether every requirement of the claim is included in that [product] [method]. If so, [alleged infringer]'s [product] [method] literally infringes that claim. If, however, [alleged infringer]'s [product] [method] does not have every requirement in the patent claim, [alleged infringer]'s [product] [method] does not literally infringe that claim. You must decide literal infringement for each asserted claim separately.

[If [alleged infringer]'s] [product] [method] does not itself include every requirement in the patent claim, [alleged infringer] cannot be liable for infringement merely because other parties supplied the missing elements, unless [accused infringer] directed or controlled the acts by those parties.]

Authorities

MicroStrategy Inc. v. Business Objects, S.A., 429 F.3d 1344, 1352-53 (Fed. Cir. 2005); *Netword, LLC v. Centraal Corp.*, 242 F.3d 1347, 1353 (Fed. Cir. 2001); *Cole v. Kimberly-Clark Corp.*, 102 F.3d 524, 532 (Fed. Cir. 1996); *Cross Med. Prods. v. Medtronic Sofamor Danek*, 424 F.3d 1293 (Fed. Cir. 2005); *On Demand Machine Corp. v. Ingram Industries, Inc.*, 442 F.3d 1331 (Fed. Cir. 2006); *BMC Res., Inc. v. Paymentech, L.P.*, 2007 U.S. App. LEXIS 22413 (Fed. Cir. 2007).

B.3. Infringement

3.4 INFRINGEMENT UNDER THE DOCTRINE OF EQUIVALENTS

If you decide that [alleged infringer]’s [product] [method] does not literally infringe an asserted patent claim, you must then decide whether that [product] [method] infringes the asserted claim under what is called the “doctrine of equivalents.”

Under the doctrine of equivalents, the [product] [method] can infringe an asserted patent claim if it includes [parts] [steps] that are identical or equivalent to the requirements of the claim. If the [product] [method] is missing an identical or equivalent [part] [step] to even one requirement of the asserted patent claim, the [product] [method] cannot infringe the claim under the doctrine of equivalents. Thus, in making your decision under the doctrine of equivalents, you must look at each individual requirement of the asserted patent claim and decide whether the [product] [method] has either an identical or equivalent [part] [step] to that individual claim requirement.

A [part] [step] of a [product] [method] is equivalent to a requirement of an asserted claim if a person of ordinary skill in the field would think that the differences between the [part] [step] and the requirement were not substantial as of the time of the alleged infringement.

[One way to decide whether any difference between a requirement of an asserted claim and a [part] [step] of the [product] [method] is not substantial is to consider whether, as of the time of the alleged infringement, the [part] [step] of the [product] [method] performed substantially the same function, in substantially the same way, to achieve substantially the same result as the requirement in the patent claim.]

[In deciding whether any difference between a claim requirement and the [product] [method] is not substantial, you may consider whether, at the time of the alleged infringement, persons of ordinary skill in the field would have known of the interchangeability of the [part] [step] with the claimed requirement. The known interchangeability between the claim requirement and the [part] [step] of the [product] [method] is not necessary to find infringement under the doctrine of equivalents. However, known interchangeability may support a conclusion that the difference between the [part] [step] in the [product] [method] and the claim requirement is not substantial. The fact that a [part] [step] of the [product] [method] performs the same function as the claim requirement is not, by itself, sufficient to show known interchangeability.]

[You may not use the doctrine of equivalents to find infringement if you find that [alleged infringer]’s [product] [method] is the same as what was in the prior art before the application for the [] patent or what would have been obvious to persons of ordinary skill in the field in light of what was in the prior art. A patent holder may not obtain, under the doctrine of equivalents, protection that it could not have lawfully obtained from the Patent and Trademark Office.]²

² If this instruction is applicable in a given case, then the court should instruct the jury that if [alleged infringer] has offered evidence sufficient to show that the accused [product] [method] is in the prior art, the burden shifts to the [patent holder] to prove that what it attempts to cover under the doctrine of equivalents is not in the prior art or would not have been obvious from the prior art. See *Fiskares, Inc. v. Hunt Mfg. Co.*, 221 F.3d 1318, 1323 (Fed. Cir. 2000); *Ultra-Tex Surfaces, Inc. v. Hill Bros. Chem. Co.*, 204 F.3d 1360, 1364-66 (Fed. Cir. 2000); *Streamfeeder, LLC v. Sure-Feed Systems, Inc.*, 175 F.3d 974, 981-84 (Fed. Cir. 1999).

[You may not use the doctrine of equivalents to find infringement if you find that the subject matter alleged to be equivalent to a requirement of the patent claim was described in the [] patent but not covered by any of its claims. The subject matter described but not claimed must be specific enough that one of ordinary skill in the art would understand that it was present in the patent.]

Authorities

Warner-Jenkinson Co., Inc. v. Hilton Davis Chem. Co., 520 U.S. 17 (1997); *Graver Tank & Mfg. Co. v. Linde Air Prods. Co.*, 339 U.S. 605, 609 (1950); *Abraxis Bioscience, Inc. v. Mayne Pharma (USA) Inc.*, 467 F.3d 1370, 1379-82 (Fed. Cir. 2006); *Pfizer, Inc. v. Teva Pharms., USA, Inc.*, 429 F.3d 1364, 1378 (Fed. Cir. 2005); *Johnson & Johnston Assoc. v. R.E. Service Co.*, 285 F.3d 1046 (Fed. Cir. 2002) (*en banc*); *Multiform Desiccants, Inc. v. Medzam, Ltd.*, 133 F.3d 1473, 1480 (Fed. Cir. 1998); *Dolly, Inc. v. Spalding & Evenflo Cos.*, 16 F.3d 394, 397 (Fed. Cir. 1994).

B.3. Infringement

3.5 MEANS-PLUS-FUNCTION CLAIMS – LITERAL INFRINGEMENT³

I will now describe the separate rules that apply to “means-plus-function” requirements that are used in some claims. Claims [] in the [] patent contain “means-plus-function” requirements. A means-plus-function requirement only covers the specific [structure] disclosed in a patent specification for performing the claimed function and the equivalents of those specific [structure] that perform the claimed function. A means-plus-function requirement does not cover all possible [structure] that could be used to perform the claimed function.

For purposes of this trial, I have interpreted each means-plus-function requirement for you and identified the [structure] in the patent specification that correspond to these means-plus-function requirements. Specifically, I have determined that:

[X. [] is [are] the [structure] that perform[s] the [] function identified in the means-plus-function requirement of claim [].]

[X. [] is [are] the [structure] that perform[s] the [] function identified in the means-plus-function requirement of claim [].]

In deciding if [patent holder] has proven that [alleged infringer]’s [product] includes structure covered by a means-plus-function requirement, you must first decide whether the [product] has any structure that performs the function I just described to you. If not, the claim containing that means-plus-function requirement is not infringed.

If you find that the [alleged infringer]’s [accused product] does have structure that performs the claimed function, you must next identify the [structure] in [alleged infringer]’s [accused product] that perform[s] this function. After identifying that [structure], you must then determine whether that [structure] is the same as or equivalent to the [structure] I have identified. If they are the same or equivalent, the means-plus-function requirement is satisfied by that structure of the [accused product]. If all the other requirements of the claim are satisfied by structures found in the [accused product], the [accused product] infringes the claim.

In order to prove that [a structure] in the [accused product] is equivalent to the [structure] in the [] patent, the [patent holder] must show that a person of ordinary skill in the field would have considered that the differences between the [structure] described in the [] patent and the [structure] in the [accused product] are not substantial. The [patent holder] must also show that the [structure] was available on the date the [] patent was granted.⁴

³ If a claim at issue is a method claim with a limitation written in “step-plus-function” format, this instruction should be modified accordingly, for example, substituting “acts” for “structure.”

⁴ There is an important difference between what can be an equivalent under § 112(6) and what can be an equivalent under the doctrine of equivalents. An equivalent structure or act under § 112(6) cannot embrace technology developed after the issuance of the patent because the literal meaning of a claim is fixed upon its issuance. *Chiuminatta Concrete Concepts, Inc. v. Cardinal Indus., Inc.*, 145 F.3d 1303, 1310 (Fed. Cir. 1998); *Al-Site Corp. v. VSI Int’l, Inc.*, 174 F.3d 1308, 1320 (Fed. Cir. 1999). Although new matter cannot be added to a patent application after it has been filed, current Federal Circuit law nevertheless uses the patent issuance date, as opposed to the

Authorities

35 U.S.C. § 112(6); *Frank's Casing Crew & Rental Tools, Inc. v. Weatherford Intern., Inc.*, 389 F.3d 1370, 1378 (Fed. Cir. 2004); *Odetics, Inc. v. Storage Tech. Corp.*, 185 F.3d 1259, 1266 (Fed. Cir. 1999); *Chiuminatta Concrete Concepts, Inc. v. Cardinal Indus., Inc.*, 145 F.3d 1303, 1307 (Fed. Cir. 1998); *Micro Chem., Inc. v. Great Plains Chem. Co., Inc.*, 103 F.3d 1538, 1547 (Fed. Cir. 1997); *Valmont Indus., Inc. v. Reinke Mfg. Co., Inc.*, 983 F.2d 1039, 1042 (Fed. Cir. 1993).

effective filing date, to distinguish what constitutes an “after arising equivalent.” An after arising equivalent infringes, if at all, under the doctrine of equivalents and could infringe under the doctrine of equivalents without infringing literally under § 112(6). Furthermore, under § 112(6) the accused device must perform the identical function as recited in the claim element while the doctrine of equivalents may be satisfied when the function performed by the accused device is only substantially the same. *Al-Site*, 174 F3d. at 1320-21.

B.3. Infringement

**3.6 MEANS-PLUS-FUNCTION CLAIMS – INFRINGEMENT UNDER
THE DOCTRINE OF EQUIVALENTS**

[No model instruction is provided since an instruction on this subject is necessarily case specific. However, a means-plus-function requirement can be met under the doctrine of equivalents if the function is not the same but is equivalent (*see, e.g., WMS Gaming Inc. v. Int'l Game Tech.*, 184 F.3d 1339, 1353 (Fed. Cir. 1999) or the corresponding structure in the accused product is later developed technology. *See Chiuminatta Concrete Concepts, Inc. v. Cardinal Indus., Inc.*, 145 F.3d 1303, 1310 (Fed. Cir. 1998); *Al-Site Corp. v. VSI Int'l, Inc.*, 174 F.3d 1308, 1320 (Fed. Cir. 1999).]

B.3. Infringement

3.7 LIMITATIONS ON THE DOCTRINE OF EQUIVALENTS

Because [patent holder] made certain claim changes or statements during the patent application process for the [] patent, the doctrine of equivalents analysis cannot be applied to the following requirements of the asserted claims:

[List requirements on a claim-by-claim basis]

Unless each of these requirements is literally present within the [alleged infringer]'s [product] [method], there can be no infringement of the claim.

Authorities

Honeywell Int'l Inc. v. Hamilton Sundstrand Corp., 370 F.3d 1131 (Fed. Cir. 2004) (*en banc*);
Festo Corp. v. Shoketsu Kinzoku Kogyo Kabushiki Co., Ltd., 344 F.3d (Fed. Cir. 2003) (*en banc*).

B.3. Infringement

3.8 INDIRECT INFRINGEMENT – GENERALLY⁵

[Patent holder] [also] argues that [alleged infringer] [contributed to infringement by another of] [and] [or] [induced another to infringe] claims [] of the [] patent. [[Patent holder] has not argued that the [product] [method] made, used, sold, offered for sale or imported by [alleged infringer] includes all of the requirements of an asserted patent claim.] [Alleged infringer] cannot [contributorily infringe] [or] [induce infringement] unless [patent holder] proves that someone other than [alleged infringer] directly infringes the patent claim by making, using, selling, offering for sale or importing a [product] [method] that includes all of the requirements of the asserted claims. If there is no direct infringement, [alleged infringer] cannot have [contributed to infringement] [or] [induced infringement].

Authorities

Hewlett-Packard Co. v. Bausch & Lomb, Inc., 909 F.2d 1464, 1468-69 (Fed. Cir. 1990).

⁵ These instructions are written for the usual case in which the alleged infringer is accused of contributing to or inducing direct infringement by another. They are not appropriate for cases in which the alleged infringer induced another to take some action that itself only contributed to infringement. Nor are they appropriate for cases in which the patent claim requires two or more people to act in concert in order to infringe. The Committee expresses no opinion as to whether such conduct gives rise to a legally viable assertion of contributory or inducement of infringement.

B.3. Infringement

3.9 CONTRIBUTORY INFRINGEMENT

[Patent holder] [also] argues that [alleged infringer] has contributed to infringement by another. Contributory infringement may arise when someone supplies something that is used to infringe one or more of the patent claims.

In order for there to be contributory infringement by [alleged infringer], someone other than [alleged infringer] must directly infringe a claim of the [] patent; if there is no direct infringement by anyone, there can be no contributory infringement.

If you find someone has directly infringed the [] patent, then contributory infringement exists if:

- (1) [Alleged infringer] supplied an important component of the infringing part of the [product] or [method];
- (2) The component is not a common component suitable for non-infringing use; and
- (3) [Alleged infringer] supplied the component with the knowledge of the [] patent and knowledge that the component was especially made or adapted for use in an infringing manner.

Authorities

35 U.S.C. § 271(c); *Aro Mfg. Co. v. Convertible Top Replacement Co.*, 377 U.S. 476 (1964); *DSU Med. Corp. v. JMS Co.*, 471 F.3d 1293, 1303 (Fed. Cir. 2006); *Mentor H/S, Inc. v. Med. Device Alliance, Inc.*, 244 F.3d 1365 (Fed. Cir. 2001); *Hewlett-Packard Co. v. Bausch & Lomb, Inc.*, 909 F.2d 1464, 1469 (Fed. Cir. 1990); *Preemption Devices, Inc. v. Minn. Mining & Mfr. Co.*, 803 F.2d 1170, 1174 (Fed. Cir. 1986).

B.3. Infringement

3.10 INDUCING PATENT INFRINGEMENT

[Patent holder] argues that [alleged infringer] has actively induced another to infringe the [] patent. In order for there to be inducement of infringement by [alleged infringer], someone else must directly infringe a claim of the [] patent; if there is no direct infringement by anyone, there can be no induced infringement. In order to be liable for inducement of infringement, [alleged infringer] must:

1. have intentionally taken action that actually induced direct infringement by another;
2. have been aware of the [] patent; and
3. have known or should have known that its actions would cause direct infringement by another.

In order to prove induced infringement, [patent holder] must either prove that the [accused product] necessarily infringes the [patent in suit] or prove acts of direct infringement by others that were induced by [accused infringer]. [Patent holder] must further prove the number of direct acts of infringement of the [patent in suit] because the amount of damages for induced infringements is limited by the number of specific instances of direct infringement.

Authorities

35 U.S.C. § 271(b); *Acco Brands, Inc. v. ABA Locks Mfr. Co., Ltd.*, 2007 U.S. App LEXIS 21822 (Fed. Cir. 2007); *DSU Med. Corp. v. JMS Co.*, 471 F.3d 1293, 1304-06 (Fed. Cir. 2006) (*en banc*) (quoting *Metro-Goldwyn-Mayer Studios Inc. v. Grokster, Ltd.*, 545 U.S. 913, 936 (2005)); *Metabolite Labs., Inc. v. Lab. Corp. of Am.*, 370 F.3d 1354, 1365 (Fed. Cir. 2004); *Dynacore Holdings Corp. v. U.S. Philips Corp.*, 363 F.3d 1263, 1274-76 (Fed. Cir. 2004); *Ferguson Beauregard/Logic Controls, Division of Dover Resources, Inc. v. Mega Systems, LLC*, 350 F.3d 1327, 1342 (Fed. Cir. 2003).

B.3. Infringement

3.11 WILLFUL INFRINGEMENT

In this case, [patent holder] argues that [alleged infringer] willfully infringed the [patent holder]'s patent.

To prove willful infringement, [patent holder] must first persuade you that the [alleged infringer] infringed a valid and enforceable claim of the [patent holder]'s patent. The requirements for proving such infringement were discussed in my prior instructions.

In addition, to prove willful infringement, the [patent holder] must persuade you that it is highly probable that [prior to the filing date of the complaint]⁶, [alleged infringer] acted with reckless disregard of the claims of the [patent holder]'s [patent].

To demonstrate such "reckless disregard," [patent holder] must satisfy a two-part test. The first part of the test is objective. The [patent holder] must persuade you that the [alleged infringer] acted despite an objectively high likelihood that its actions constituted infringement of a valid and enforceable patent. The state of mind of the [alleged infringer] is not relevant to this inquiry. Rather, the appropriate inquiry is whether the defenses put forth by [alleged infringer], fail to raise any substantial question with regard to infringement, validity or enforceability. Only if you conclude that the defenses fail to raise any substantial question with regard to infringement, validity or enforceability, do you need to consider the second part of the test.

The second part of the test does depend on the state of mind of the [alleged infringer]. The [patent holder] must persuade you that [alleged infringer] actually knew, or it was so obvious that [alleged infringer] should have known, that its actions constituted infringement of a valid and enforceable patent.

In deciding whether [alleged infringer] acted with reckless disregard for [patent holder]'s patent, you should consider all of the facts surrounding the alleged infringement including, but not limited to, the following:

- (1) Whether [alleged infringer] acted in a manner consistent with the standards of commerce for its industry; [and]
- (2) Whether [alleged infringer] intentionally copied a product of [patent holder] covered by the patent[.] [;and]
- (3) Whether [alleged infringer] relied on a legal opinion that was well-supported and believable and that advised [alleged infringer] (1) that the [product] [method] did

⁶ This bracketed language should ordinarily be included as the Federal Circuit has made clear that, in ordinary circumstances, willfulness will depend on an infringer's prelitigation conduct. *In re Seagate Technology, LLC*, 2007 U.S. App. LEXIS 19768 (Fed. Cir. Aug. 20, 2007).

not infringe [patent holder]'s patent or (2) that the patent was invalid [or unenforceable].]⁷

Authorities

35 U.S.C. § 284; *In re Seagate Tech., LLC*, 2007 U.S. App. LEXIS 19768 (Fed. Cir. Aug. 20, 2007); *Knorr-Bremse Systeme Fuer Nutzfahrzeuge GmbH v. Dana Corp.*, 383 F.3d 1337, 1345 (Fed. Cir. 2004) (*en banc*); *Crystal Semiconductor Corp. v. Tritech Microelectronics Int'l, Inc.*, 246 F.3d 1336, 1346 (Fed. Cir. 2001); *WMS Gaming Inc. v. Int'l Game Tech.*, 184 F.3d 1339, 1354 (Fed. Cir. 1999); *Read Corp. v. Portec, Inc.*, 970 F.2d 816 (Fed. Cir. 1992); *Gustafson, Inc. v. Intersystems Indus. Prods., Inc.*, 897 F.2d 508, 510 (Fed. Cir. 1990).

⁷ This bracketed language should only be included if the alleged infringer relies on advice of counsel. There is no affirmative obligation to obtain opinion of counsel. *In re Seagate Technology, LLC*, 2007 U.S. App. LEXIS 19768 (Fed. Cir. Aug. 20, 2007).

B.4.1 Validity

4.1 INVALIDITY – BURDEN OF PROOF

I will now instruct you on the rules you must follow in deciding whether [alleged infringer] has proven that claims [] of the [] patent are invalid. Before discussing the specific rules, I want to remind you about the standard of proof that applies to this defense. To prove invalidity of any patent claim, [alleged infringer] must persuade you that it is highly probable that the claim is invalid.

Authorities

Buildex, Inc. v. Kason Indus., Inc., 849 F.2d 1461, 1463 (Fed. Cir. 1988); *Hybritech, Inc. v. Monoclonal Antibodies, Inc.*, 802 F.2d 1367, 1375 (Fed. Cir. 1986).

4.2a WRITTEN DESCRIPTION REQUIREMENT

[Alleged infringer] can meet its burden of proving that a patent claim is invalid by showing that the patent does not contain an adequate written description of the claimed invention. The purpose of this written description requirement is to make sure that a patent describes the technology it seeks to claim as an invention and to demonstrate that the inventor was in possession of the invention at the time the application for the patent was filed, even though the claims may have been changed or new claims added since that time. The written description requirement is satisfied if a person of ordinary skill in the field reading the patent application as originally filed would recognize that the patent application described the invention as claimed, even though the description may not use the exact words found in the claim. A requirement in a claim need not be specifically disclosed in the patent application as originally filed if a person of ordinary skill would understand that the missing requirement is necessarily implied in the patent application as originally filed.

Authorities

35 U.S.C. § 112(1) and (2); *Kao Corp. v. Unilever U.S., Inc.*, 441 F.3d 963, 968 (Fed. Cir. 2006); *Chiron Corp. v. Genentech, Inc.*, 363 F.3d 1247 (Fed. Cir. 2004); *Purdue Pharma L.P. v. Faulding, Inc.*, 230 F.3d 1320, 1323 (Fed. Cir. 2000); *Lampi Corp. v. Am. Power Prods., Inc.*, 228 F.3d 1365, 1377-78 (Fed. Cir. 2000); *Gentry Gallery, Inc. v. Berkline Corp.*, 134 F.3d 1473, 1478-80 (Fed. Cir. 1998); *In re Alton*, 76 F.3d 1168, 1172 (Fed. Cir. 1996); *University of Rochester v. G.D. Searle & Co.*, 358 F.3d 916, 926-928 (Fed. Cir. 2004).

B.4.2 Validity—Adequacy of Patent Specification

4.2b ENABLEMENT

[Alleged infringer] can meet its burden of proving that a patent claim is invalid by showing that the patent does not contain a description of the claimed invention that is sufficiently full and clear to enable a person of ordinary skill in the field to make and use the invention. This is known as the “enablement” requirement.

The patent may be enabling even though it does not expressly state some information if a person of ordinary skill in the field could make and use the invention without having to do excessive experimentation. In determining whether excessive experimentation is required, you may consider the following factors:

- the scope of the claimed invention;
- the amount of guidance presented in the patent;
- the amount of experimentation necessary;
- the time and cost of any necessary experimentation;
- how routine any necessary experimentation is in the field of [identify field];
- whether the patent discloses specific working examples of the claimed invention;
- the nature and predictability of the field; and
- the level of ordinary skill in the field of [identity field].

The question of whether a patent is enabling is judged as of the date the original application for the patent was first filed.⁸

Authorities

35 U.S.C. § 112(1); *AK Steel Corp. v. Sollac & Ugine*, 344 F.3d 1234, 1244 (Fed. Cir. 2003); *Union Pac. Resources Co. v. Chesapeake Energy Corp.*, 236 F.3d 684, 690-92 (Fed. Cir. 2001); *Ajinomoto Co. v. Archer-Daniels-Midland Co.*, 228 F.3d 1338, 1345-46 (Fed. Cir. 2000); *In re Wands*, 858 F.2d 731, 737 (Fed. Cir. 1988).

⁸ Where a claim is the result of a continuation-in-part application and the priority date is disputed, this language will need to be revised to reflect the concept of effective filing date.

B.4.2 Validity—Adequacy of Patent Specification

4.2c BEST MODE

[Alleged infringer] can meet its burden of proving that a patent claim is invalid by showing that the patent does not disclose what [the inventor] [any of the inventors] believed was the best way to carry out the claimed invention at the time the patent application was filed. This is known as the “best mode” requirement. It ensures that the public obtains a full disclosure of the best way to carry out the claimed invention known to [the inventor] [any of the inventors] at the time the [original] patent application was first filed. The disclosure of the best mode must be detailed enough to enable the persons of ordinary skill in the field of [identity] field to carry out that best mode without excessive experimentation.

The best mode requirement focuses on what [the inventor] [any of the inventors] believed at the time the [original] patent application was first filed. It does not matter whether the best mode contemplated by [the inventor] [any of the inventors] was, in fact, the best way to carry out the invention. The question is whether the patent includes what [the inventor] [any of the inventors] believed was the best mode at the time the [original] patent application was filed. If [the inventor did not believe] [none of the inventors believed] there was a best way to carry out the invention at the time that application was filed, there is no requirement that the patent describe a best mode. Although a patent specification must disclose the best mode, it may disclose other modes as well and need not state which of the modes disclosed is best. If [the inventor] [any of the inventors] believed there was a best way to carry out the invention and the patent does not disclose it, the patent is invalid.

Authorities

35 U.S.C. § 112(1); *Glaxo Inc. v. Novopharm Ltd.*, 52 F.3d 1043, 1049-52 (Fed. Cir. 1995); *Transco Prods. v. Performance Contracting*, 38 F.3d 551 (Fed. Cir. 1994); *Wahl Instruments v. Acvious*, 950 F.2d 1575 (Fed. Cir. 1991); *Chemcast Corp. v. Arco Indus. Corp.*, 913 F.2d 923, 926-28 (Fed. Cir. 1990); *Spectra-Physics Inc. v. Coherent, Inc.*, 827 F.2d 1524 (Fed. Cir. 1987).

4.3a1 ANTICIPATION

A patent claim is invalid if the claimed invention is not new. For the claim to be invalid because it is not new, all of its requirements must have existed in a single device or method that predates the claimed invention, or must have been described in a single previous publication or patent that predates the claimed invention. In patent law, these previous devices, methods, publications or patents are called “prior art references.” If a patent claim is not new we say it is “anticipated” by a prior art reference.

The description in the written reference does not have to be in the same words as the claim, but all of the requirements of the claim must be there, either stated or necessarily implied, so that someone of ordinary skill in the field of [identify field] looking at that one reference would be able to make and use the claimed invention.

Here is a list of the ways that [alleged infringer] can show that a patent claim was not new [use those that apply to this case]:

[– if the claimed invention was already publicly known or publicly used by others in the United States before [insert date of conception unless at issue];]

[– if the claimed invention was already patented or described in a printed publication anywhere in the world before [insert date of conception unless at issue]. [A reference is a “printed publication” if it is accessible to those interested in the field, even if it is difficult to find.];]

[– if the claimed invention was already made by someone else in the United States before [insert date of conception unless in issue], if that other person had not abandoned the invention or kept it secret;]

[– if the claimed invention was already described in another issued U.S. patent or published U.S. patent application that was based on a patent application filed before [insert date of the patent holder’s application filing date] [or] [insert date of conception unless at issue];]

[– if [named inventor] did not invent the claimed invention but instead learned of the claimed invention from someone else;]

[– if the [patent holder] and [alleged infringer] dispute who is a first inventor, the person who first conceived of the claimed invention and first reduced it to practice is the first inventor. If one person conceived of the claimed invention first, but reduced to practice second, that person is the first inventor only if that person (a) began to reduce the claimed invention to practice before the other party conceived of it and (b) continued to work diligently to reduce it to practice. [A claimed invention is “reduced to practice” when it has been tested sufficiently to show that it will work for its intended purpose or when it is fully described in a filed patent application].]

[Since it is in dispute, you must determine a date of conception for the [claimed invention] [and/or] [prior invention]. Conception is the mental part of an inventive act and is proven when the invention is shown in its complete form by drawings, disclosure to another or other forms of evidence presented at trial.]

Authorities

35 U.S.C. § 102(a), (c), (e), (f) and (g); *Apotex U.S.A., Inc. v. Merck & Co.*, 254 F.3d 1031, 1035 (Fed. Cir. 2001); *Mycogen Plant Science, Inc. v. Monsanto Co.*, 243 F.3d 1316, 1330 (Fed. Cir. 2001); *Ecolochem, Inc. v. S. Cal. Edison Co.*, 227 F.3d 1361, 1367-70 (Fed. Cir. 2000); *Singh v. Brake*, 222 F.3d 1362, 1366-70 (Fed. Cir. 2000); *Pannu v. Iolab Corp.*, 155 F.3d 1344, 1349 (Fed. Cir. 1998); *Gambro Lundia AB v. Baxter Healthcare Corp.*, 110 F.3d 1573, 1576-78 (Fed. Cir. 1997); *Lamb-Weston, Inc. v. McCain Foods, Ltd.*, 78 F.3d 540, 545 (Fed. Cir. 1996); *In re Bartfeld*, 925 F.2d 1450 (Fed. Cir. 1985); *Ralston Purina Co. v. Far-Mar-Co, Inc.*, 772 F.2d 1570, 1574 (Fed. Cir. 1985); *American Stock Exch., LLC v. Mopies*, 250 F. Supp. 2d 323 (S.D.N.Y. 2003); *In re Wyer*, 655 F.2d 221, 226 (C.C.P.A. 1981).

4.3a2 STATUTORY BARS

A patent claim is invalid if the patent application was not filed within the time required by law. This is called a “statutory bar.” For a patent claim to be invalid by a statutory bar, all of its requirements must have been present in one prior art reference dated more than one year before the patent application was filed. Here is a list of ways [alleged infringer] can show that the patent application was not timely filed: [choose those that apply]

[– if the claimed invention was already patented or described in a printed publication anywhere in the world before [insert date that is one year before effective filing date of patent application]. [A reference is a “printed publication” if it is accessible to those interested in the field, even if it is difficult to find.];]

[– if the claimed invention was already being openly used in the United States before [insert date that is one year before application filing date] and that use was not primarily an experimental use (a) controlled by the inventor, and (b) to test whether the invention worked for its intended purpose;]

[– if a device or method using the claimed invention was sold or offered for sale in the United States, and that claimed invention was ready for patenting, before [insert date that is one year before application filing date]. [The claimed invention is not being [sold] [or] [offered for sale] if the [patent holder] shows that the [sale] [or] [offer for sale] was primarily experimental.] [The claimed invention is ready for patenting if it was actually built, or if the inventor had prepared drawings or other descriptions of the claimed invention that were sufficiently detailed to enable a person of ordinary skill in the field to make and use the invention based on them.];]

[– if the [patent holder] had already obtained a patent on the claimed invention in a foreign country before filing the original U.S. application, and the foreign application was filed at least one year before the U.S. application.]

For a claim to be invalid because of a statutory bar, all of the claimed requirements must have been either (1) disclosed in a single prior art reference, (2) implicitly disclosed in a reference to one skilled in the field, or (3) must have been present in the reference, whether or not that was understood at the time. The disclosure in a reference does not have to be in the same words as the claim, but all the requirements must be there, either described in enough detail or necessarily implied, to enable someone of ordinary skill in the field of [identify field] looking at the reference to make and use the claimed invention.

Authorities

35 U.S.C. § 102(b) and (d); *Pfaff v. Wells Elec. Inc.*, 525 U.S. 55 (1998); *Schering Corp. v. Geneva Pharms.*, 339 F.2d 1273 (Fed Cir. 2003); *Helifix Ltd. v. Blok-Lok, Ltd.*, 208 F.3d 1339, 1346 (Fed. Cir. 2000); *Abbot Labs. v. Geneva Pharms., Inc.*, 182 F.3d 1315, 1318 (Fed. Cir.

1999); *Finnigan Corp. v. Int'l Trade Comm'n*, 180 F.3d 1354 (Fed. Cir. 1999); *J.A. LaPorte, Inc. v. Norfolk Dredging Co.*, 787 F.2d 1577, 1581 (Fed. Cir. 1986); *In re Hall*, 781 F.2d 897, 898-99 (Fed. Cir. 1986); *D.L. Auld Co. v. Chroma Graphics Corp.*, 714 F.2d 1144, 1150 (Fed. Cir. 1983).

B.4.3 Validity—The Claims

4.3b OBVIOUSNESS⁹ – (Alternative 1)

Not all innovations are patentable. A patent claim is invalid if the claimed invention would have been obvious to a person of ordinary skill in the field [at the time the application was filed][as of [insert date]]. The court, however, is charged with the responsibility of making the determination as to whether a patent claim was obvious based upon your determination of several factual questions. First, you must decide the level of ordinary skill in the field that someone would have had at the time the claimed invention was made. Second, you must decide the scope and content of the prior art. Third, you must decide what difference, if any, existed between the claimed invention and the prior art. Finally, you must determine which, if any, of the following factors have been established by the evidence:

- [(1) commercial success of a product due to the merits of the claimed invention];]
- [(2) a long felt need for the solution provided by the claimed invention];]
- [(3) unsuccessful attempts by others to find the solution provided by the claimed invention];]
- [(4) copying of the claimed invention by others];]
- [(5) unexpected and superior results from the claimed invention]]
- [(6) acceptance by others of the claimed invention as shown by praise from others in the field or from the licensing of the claimed invention];]
- [(7) other evidence tending to show nonobviousness];]
- [(8) independent invention of the claimed invention by others before or at about the same time as the named inventor thought of it]; and]
- [(9) other evidence tending to show obviousness].]

⁹ This instruction provides the jury with an instruction on the underlying factual questions it must answer to enable the court to make the ultimate legal determination of the obviousness question. The court, not the jury, should make the legal conclusion on the obviousness question based on underlying factual determinations made by the jury. *KSR Intern. Co. v. Teleflex, Inc.*, 127 S.Ct. 1727, 1745 (2007)(“The ultimate judgment of obviousness is a legal determination.”); see *Dippin’ Dots, Inc. v. Mosey*, 476 F.3d 1337, 1343 (Fed. Cir. 2007). It is anticipated that these factual issues will be presented to the jury as specifically as possible. For example, if the only dispute between the parties is whether a particular reference is with the “scope and content” of the prior art, that is the only *Graham* factor that should be presented to the jury. As another example, if the only factual dispute between the parties on the “difference between the prior art and the claimed invention” is whether a prior art reference discloses a particular claim limitation, that is the only issue that should be presented to the jury on that *Graham* factor. The introductory comment to the sample verdict form discusses further the functions of the judge and jury in determining obviousness.

Authorities

35 U.S.C. § 103; *Graham v. John Deere Co.*, 383 U.S. 1 (1966); *KSR Int'l Co. v. Teleflex, Inc.*, 550 U.S. ____ (2007); *Ruiz v. A.B. Chance Co.*, 234 F.3d 654 (Fed. Cir. 2000); *Arkie Lures, Inc. v. Gene Larew Tackle, Inc.*, 119 F.3d 953, 957 (Fed. Cir. 1997); *Specialty Composites v. Cabot Corp.*, 845 F.2d 981, 991 (Fed. Cir. 1988); *Windsurfing Int'l, Inc. v. AMF, Inc.*, 782 F.2d 995, 1000 (Fed. Cir. 1986); *Pentec, Inc. v. Graphic Controls Corp.*, 776 F.2d 309, 313 (Fed. Cir. 1985). *See Novo Nordisk A/S v. Becton Dickinson & Co.*, 304 F.3d 1216, 1219-20 (Fed. Cir. 2002).

4.3b OBVIOUSNESS¹⁰ – (Alternative 2)

Not all innovations are patentable. A patent claim is invalid if the claimed invention would have been obvious to a person of ordinary skill in the field [at the time the application was filed] [as of [insert date]]. This means that even if all of the requirements of the claim cannot be found in a single prior art reference that would anticipate the claim or constitute a statutory bar to that claim, a person of ordinary skill in the field of [identify field] who knew about all this prior art would have come up with the claimed invention.

However, a patent claim composed of several elements is not proved obvious merely by demonstrating that each of its elements was independently known in the prior art. In evaluating whether such a claim would have been obvious, you may consider whether [the alleged infringer] has identified a reason that would have prompted a person of ordinary skill in the field to combine the elements or concepts from the prior art in the same way as in the claimed invention. There is no single way to define the line between true inventiveness on one hand (which is patentable) and the application of common sense and ordinary skill to solve a problem on the other hand (which is not patentable). For example, market forces or other design incentives may be what produced a change, rather than true inventiveness. You may consider whether the change was merely the predictable result of using prior art elements according to their known functions, or whether it was the result of true inventiveness. You may also consider whether there is some teaching or suggestion in the prior art to make the modification or combination of elements claimed in the patent. Also, you should consider whether the innovation applies a known technique that had been used to improve a similar device or method in a similar way. You may also consider whether the claimed invention would have been obvious to try, meaning that the claimed innovation was one of a relatively small number of possible approaches to the problem with a reasonable expectation of success by those skilled in the art. However, you must be careful not to determine obviousness using the benefit of hindsight; many true inventions might seem obvious after the fact. You should put yourself in the position of a person of ordinary skill in the field at the time the claimed invention was made and you should not consider what is known today or what is learned from the teaching of the patent.

The ultimate conclusion of whether a claim is obvious should be based upon your determination of several factual decisions. First, you must decide the level of ordinary skill in the field that someone would have had at the time the claimed invention was made. Second, you must decide the scope and content of the prior art. Third, you must decide what difference, if any, existed between the claimed invention and the prior art. Finally, you should consider any of the following factors that you find have been shown by the evidence:

¹⁰ This instruction provides the jury with an instruction on how to analyze the obviousness question and reach a conclusion on it in the event that the Court decides to allow the jury to render an advisory verdict on the ultimate question of obviousness. However, the court, not the jury, should make the legal conclusion on the obviousness question based on underlying factual determinations made by the jury. *KSR Intern, Co. v. Teleflex, Inc.*, 127 S.Ct. 1727, 1745 (2007) (“The ultimate judgment of obviousness is a legal determination.”); see *Dippin’ Dots, Inc. v. Mosey*, 476 F.3d 1337, 1343 (Fed. Cir. 2007). The introductory comment to the sample verdict form discusses further the functions of the judge and jury in determining obviousness.

- [(1) commercial success of a product due to the merits of the claimed invention];]
- [(2) a long felt need for the solution provided by the claimed invention];]
- [(3) unsuccessful attempts by others to find the solution provided by the claimed invention];]
- [(4) copying of the claimed invention by others];]
- [(5) unexpected and superior results from the claimed invention];]
- [(6) acceptance by others of the claimed invention as shown by praise from others in the field or from the licensing of the claimed invention];]
- [(7) other evidence tending to show nonobviousness];]
- [(8) independent invention of the claimed invention by others before or at about the same time as the named inventor thought of it] [; and]
- [(9) other evidence tending to show obviousness].]

[The presence of any of the [list factors 1-7 as appropriate] may be considered by you as an indication that the claimed invention would not have been obvious at the time the claimed invention was made, and the presence of the [list factors 8-9 as appropriate] may be considered by you as an indication that the claimed invention would have been obvious at such time. Although you should consider any evidence of these factors, the relevance and importance of any of them to your decision on whether the claimed invention would have been obvious is up to you.]

Authorities

35 U.S.C. § 103; *Graham v. John Deere Co.*, 383 U.S. 1 (1966); *KSR Int'l Co. v. Teleflex, Inc.*, 550 U.S. ____ (2007); *Ruiz v. A.B. Chance Co.*, 234 F.3d 654 (Fed. Cir. 2000); *Arkie Lures, Inc. v. Gene Larew Tackle, Inc.*, 119 F.3d 953, 957 (Fed. Cir. 1997); *Specialty Composites v. Cabot Corp.*, 845 F.2d 981, 991 (Fed. Cir. 1988); *Windsurfing Int'l, Inc. v. AMF, Inc.*, 782 F.2d 995, 1000 (Fed. Cir. 1986); *Pentec, Inc. v. Graphic Controls Corp.*, 776 F.2d 309, 313 (Fed. Cir. 1985). See *Novo Nordisk A/S v. Becton Dickinson & Co.*, 304 F.3d 1216, 1219-20 (Fed. Cir. 2002).

B.4.3 Validity—The Claims

4.3bi SCOPE AND CONTENT OF PRIOR ART

[Patent holder] and [alleged infringer] disagree as to whether [identify prior art reference(s)] should be included in the prior art you use to decide the validity of claims [] of the [] patent. In order to be considered as prior art to the [] patent, these references must be reasonably related to the claimed invention of that patent. A reference is reasonably related if it is in the same field as the claimed invention or is from another field to which a person of ordinary skill in the field would look to solve a known problem.

Authorities

Graham v. John Deere Co., 383 U.S. 1 (1966); *KSR Int'l Co. v. Teleflex, Inc.*, 550 U.S. ____ (2007); *Ruiz v. A.B. Chance Co.*, 234 F.3d 654, 664-65 (Fed. Cir. 2000); *Wang Labs. v. Toshiba Corp.*, 993 F.2d 858, 864 (Fed. Cir. 1993).

B.4.3 Validity—The Claims

4.3bii DIFFERENCES OVER THE PRIOR ART

In reaching your conclusion as to whether or not claim [] would have been obvious at the time the claimed invention was made, you should consider any difference or differences between the [identify prior art reference(s)] and the claimed requirements.

Authorities

Graham v. John Deere Co., 383 U.S. 1 (1966); *Yamanouchi Pharm. Co. v. Danbury Pharmacal, Inc.*, 231 F.3d 1339, 1343-45 (Fed. Cir. 2000); *In re Kotzab*, 217 F.3d 1365, 1369 (Fed. Cir. 2000); *Northern Telecom, Inc. v. Datapoint Corp.*, 908 F.2d 931, 935 (Fed. Cir. 1990).

B.4.3 Validity—The Claims

4.3biii LEVEL OF ORDINARY SKILL

Several times, in my instructions, I have referred to a person of ordinary skill in the field of [identify field]. It is up to you to decide the level of ordinary skill in the field of [identify field]. You should consider all the evidence introduced at trial in making this decision, including:

- (1) the levels of education and experience of persons working in the field;
- (2) the types of problems encountered in the field; and
- (3) the sophistication of the technology.

[Patent holder] contends that the level of ordinary skill in the field was []. [Alleged infringer] contends that the level of ordinary skill in the field was [].

Authorities

Graham v. John Deere Co., 383 U.S. 1 (1966); *Brown & Williamson Tobacco Corp. v. Philip Morris Inc.*, 229 F.3d 1120, 1125 (Fed. Cir. 2000); *SIBIA Neurosciences, Inc. v. Cadus Pharm. Corp.*, 225 F.3d 1349, 1355 (Fed. Cir. 2000); *Ryko Mfg. Co. v. Nu-Star, Inc.*, 950 F.2d 714, 718-19 (Fed. Cir. 1991).

B.4.3 Validity—The Claims

4.3c INVENTORSHIP

[[Alleged infringer] can meet its burden of proving that a patent is invalid by showing that it fails to name all actual inventors and only the actual inventors. This is known as the “inventorship” requirement.]

or

[To obtain correction of the inventors listed on the patent, or to prove a claim for [type of state law claim that requires proof of patent law inventorship], [plaintiff] must show that it is highly probable that [s]he is an actual inventor of the patent.]¹¹

To be an inventor, one must make a significant contribution to the conception of one or more claims of the patent.¹² Persons may be inventors even though they do not physically work together or make the same type or amount of contribution, or contribute to the subject matter of each claim of the patent. However, merely helping with experimentation by carrying out the actual inventor’s instructions or explaining the actual inventor’s well-known concepts or the current state of the art does not make someone an inventor.

Authorities

35 U.S.C. § 102(f) and 35 U.S.C. § 256; *Pannu v. Iolab Corp.*, 155 F.3d 1344, 1349-50 (Fed. Cir. 1998) (“If a patentee demonstrates that inventorship can be corrected as provided for in Section 256, a district court must order correction of the patent, thus saving it from being rendered invalid.” *Id.* at 1350.); *Hess v. Advanced Cardiovascular Sys.*, 106 F.3d 976, 980 (Fed. Cir. 1997); *Burroughs Wellcome Co. v. Barr Lab.*, 40 F.3d 1223, 1227-28 (Fed. Cir. 1994); *Shatterproof Glass Corp. v. Libbey-Owens Ford Co.*, 758 F.2d 613, 624 (Fed. Cir. 1985).

¹¹ The former paragraph is appropriate where the defendant in an infringement suit claims that the patent is invalid for failure to name the correct inventors. The latter paragraph is appropriate when a plaintiff brings state-law claims that depend on the plaintiff proving his or her status as an inventor. *Shum v. Intel Corp.*, 2007 WL 2404718 (Fed. Cir. Aug. 24, 2007). Those claims must apply the federal patent law standard. *Univ. of Colorado Found. v. American Cyanamid*, 196 F.3d 1366 (Fed. Cir. 1999). Fraud and unjust enrichment claims are examples, if the basis of the claim is that the plaintiff in fact invented the subject matter of the patent. Correction of inventorship is not an issue for the jury, and may be ordered in one set of circumstances if the omission of an inventor is without deceptive intention, but not in another set of circumstances. *Stark v. Advanced Magnetics, Inc., et al.*, 119 F.3d 1551 (Fed. Cir. 1997).

¹² Alleged infringer, in order to meet its burden of proof, must present corroborating evidence of a contemporaneous disclosure that would enable one skilled in the field to make the claimed invention. Corroborating evidence may take many forms and is evaluated under a rule of reason analysis. The court should tailor instructions to the specific facts of the case. See *Linear Tech. Corp. v. Impala Linear Corp.*, 379 F.3d 1311 (Fed. Cir. 2004); *Univ. of Colo. Found., Inc. v. Am. Cyanimid Co.*, 342 F.3d 1298 (Fed. Cir. 2003).

B.5. Patent Damages

5.1 DAMAGES – BURDEN OF PROOF

I will instruct you about the measure of damages. By instructing you on damages, I am not suggesting which party should win on any issue. If you find that [alleged infringer] infringed any valid claim of the [] patent, you must then determine the amount of money damages to be awarded to [patent holder] to compensate it for the infringement.

The amount of those damages must be adequate to compensate [patent holder] for the infringement. A damages award should put the patent holder in approximately the financial position it would have been in had the infringement not occurred, but in no event may the damages award be less than a reasonable royalty. You should keep in mind that the damages you award are meant to compensate the patent holder and not to punish an infringer.

[Patent holder] has the burden to persuade you of the amount of its damages. You should award only those damages that [patent holder] more likely than not suffered. While [patent holder] is not required to prove its damages with mathematical precision, it must prove them with reasonable certainty. [Patent holder] is not entitled to damages that are remote or speculative.

Authorities

Dow Chem. Co. v. Mee Indus., Inc., 341 F.3d 1370, 1381-82 (Fed. Cir. 2003); *Grain Processing Corp. v. American Maize-Prod. Co.*, 185 F.3d 1341, 1349 (Fed. Cir. 1999); *Maxwell v. J. Baker, Inc.*, 86 F.3d 1098, 1108-09 (Fed. Cir. 1996); *Rite-Hite Corp. v. Kelley Co.*, 56 F.3d 1538, 1545 (Fed. Cir. 1995) (*en banc*).

B.5. Patent Damages

5.2 LOST PROFITS – GENERALLY

In this case, [patent holder] seeks to recover lost profits for some of [alleged infringer]’s sales of [infringing product], and a reasonable royalty on the rest of [alleged infringer]’s sales.

To recover lost profits for infringing sales, [patent holder] must show that but for the infringement there is a reasonable probability that it would have made sales that [alleged infringer] made of the infringing product. [Patent holder] must show the share of [alleged infringer]’s sales that it would have made if the infringing product had not been on the market.

You must allocate the lost profits based upon the customer demand for the patented feature of the infringing [product] [method]. That is, you must determine which profits derive from the patented invention that [alleged infringer] sells, and not from other features of the infringing [product] [method].

Authorities

35 U.S.C. § 284; *Aro Mfg. Co. v. Convertible Top Co.*, 377 U.S. 476, 502-07 (1964); *Beauregard v. Mega Sys., LLC*, 350 F.3d 1327, 1345-46 (Fed. Cir. 2003); *Central Soya Co. v. George A. Hormel & Co.*, 723 F.2d 1573, 1579 (Fed. Cir. 1983); *Lam, Inc. v. Johns-Mansville Corp.*, 718 F.2d 1056, 1065 (Fed. Cir. 1983).

B.5. Patent Damages

5.3 LOST PROFITS – FACTORS TO CONSIDER

[Patent holder] is entitled to lost profits if it proves all of the following:

- (1) that there was a demand for the patented [product] [method] [product produced by the method];
- (2) that there were no non-infringing substitutes, or, if there were, the number of the sales made by [alleged infringer] that [patent holder] would have made despite the availability of other acceptable non-infringing substitutes. An alternative may be considered available as a potential substitute even if it was not actually on sale during the infringement period. Factors suggesting that the alternative was available include whether the material, experience, and know-how for the alleged substitute were readily available. Factors suggesting that the alternative was not available include whether the material was of such high cost as to render the alternative unavailable and whether [alleged infringer] had to design or invent around the patented technology to develop an alleged substitute;
- (3) that [patent holder] had the manufacturing and marketing capacity to make any infringing sales actually made by the infringer and for which [patent holder] seeks an award of lost profits; and
- (4) the amount of profit that [patent holder] would have made if [alleged infringer] had not infringed.

Authorities

Ericsson, Inc. v. Harris Corp., 352 F.3d 1369, 1377-79 (Fed. Cir. 2003); *Micro Chem., Inc. v. Lextron, Inc.*, 318 F.3d 1119, 1123 (Fed. Cir. 2003); *Gargoyles, Inc. v. United States*, 113 F.3d 1572, 1577-78 (Fed. Cir. 1997); *Carella v. Starlight Archery*, 804 F.2d 135, 141 (Fed. Cir. 1986); *Gyromat Corp. v. Champion Spark Plug Co.*, 735 F.2d 549, 552 (Fed. Cir. 1984); *Panduit Corp. v. Stahl Bros. Fibre Works, Inc.*, 575 F.2d 1152, 1156 (6th Cir. 1978).

B.5. Patent Damages

5.3a LOST PROFITS – MARKET SHARE

One way [patent holder] may prove the number of sales it would have made if the infringement had not happened is to prove its share of the relevant market excluding infringing products. You may award [patent holder] a share of profits equal to that market share.

In deciding [patent holder]'s market share, you must decide which products are in [patent holder]'s market. Products are in the same market if they are sufficiently similar to compete against each other. Two products are sufficiently similar if one does not have a significantly higher price than or possess characteristics significantly different than the other.

Authorities

Micro Chem., Inc. v. Lextron, Inc., 318 F.3d 1119, 1124 (Fed. Cir. 2003); *Crystal Semiconductor Corp. v. Tritech Microelectronics Int'l, Inc.*, 246 F.3d 1336, 1354-55 (Fed. Cir. 2001); *State Indus., Inc. v. Mor-Flo Indus., Inc.*, 883 F.2d 1573, 1580 (Fed. Cir. 1989).

B.5. Patent Damages

5.4 LOST PROFITS – COLLATERAL SALES

In this case, [patent holder] is seeking profits from sales of [x], which it contends it would have sold along with [y]. These products are called collateral products.

To recover lost profits on sales of such collateral products, [patent holder] must prove two things. First, that it is more likely than not that [patent holder] would have sold the collateral products but for the infringement. Second, a collateral product and the patented product together must be analogous to components of a single assembly or parts of a complete machine, or they must constitute a functional unit.

Authorities

Rite-Hite Corp. v. Kelley Co., 56 F.3d 1538, 1550 (Fed. Cir. 1995) (*en banc*); *State Indus., Inc. v. Mor-Flo Indus., Inc.*, 883 F.2d 1573, 1580 (Fed. Cir. 1989); *Panduit Corp. v. Stahl Bros. Fibre Works, Inc.*, 575 F.2d 1152, 1157-58 (6th Cir. 1978).

B.5. Patent Damages

5.5 LOST PROFITS – PRICE EROSION

[Patent holder] can recover additional damages if it can show to a reasonable probability that, if there had been no infringement, [patent holder] would have been able to charge higher prices for some of its products. In that case, you may also award as additional damages the amount represented by the difference between the amount of profits that [patent holder] would have made by selling its product at the higher price and the amount of profits [patent holder] actually made by selling its product at the lower price that [patent holder] charged for its product. This type of damage is referred to as price erosion damage.

If you find that [patent holder] suffered price erosion, you may also use the higher price in determining [patent holder]'s lost profits from sales lost because of the infringement. In calculating a patentee's total losses from price erosion, you must take into account any drop in sales that would have resulted from a higher price.

You may also award as damages the amount of any increase in costs of [patent holder], such as additional marketing costs, caused by competition from the infringing product.

Authorities

Ericsson, Inc. v. Harris Corp., 352 F.3d 1369, 1377-79 (Fed. Cir. 2003); *Vulcan Eng'g Co. v. FATA Aluminum, Inc.*, 278 F.3d 1366, 1377 (Fed. Cir. 2002); *Crystal Semiconductor Corp. v. Tritech Microelectronics Int'l, Inc.*, 246 F.3d 1336, 1357-58 (Fed. Cir. 2001); *Minco, Inc. v. Combustion Eng'g, Inc.*, 95 F.3d 1109, 1120 (Fed. Cir. 1996); *BIC Leisure Prods., Inc. v. Windsurfing Int'l, Inc.*, 1 F.3d 1214, 1220 (Fed. Cir. 1993); *Kalman v. Berlyn Corp.*, 914 F.2d 1473, 1485 (Fed. Cir. 1990); *Wechsler v. Macke Int. Trade, Inc.*, 486 F. 3d 1286, 1293-94 (Fed. Cir. 2007).

B.5. Patent Damages

5.6 REASONABLE ROYALTY – ENTITLEMENT

If [patent holder] has not proved its claim for lost profits, or has proved its claim for lost profits for only a portion of the infringing sales, then [patent holder] should be awarded a reasonable royalty for all infringing sales for which it has not been awarded lost profits damages.

Authorities

35 U.S.C. § 284; *Crystal Semiconductor Corp. v. Tritech Microelectronics Int'l, Inc.*, 246 F.3d 1336 (Fed. Cir. 2001); *Fromson v. Western Litho Plate & Supply Co.*, 853 F.2d 1568, 1574 (Fed. Cir. 1998) (*overruled on other grounds*); *Minco, Inc. v. Combustion Eng'g, Inc.*, 95 F.3d 1109, 1119-20 (Fed. Cir. 1996); *Mahurkar v. C.R. Bard, Inc.*, 79 F.3d 1572, 1579 (Fed. Cir. 1996); *Rite-Hite Corp. v. Kelley Co.*, 56 F.3d 1538, 1554 (Fed. Cir. 1995) (*en banc*).

B.5. Patent Damages

5.7 REASONABLE ROYALTY – DEFINITION

A royalty is a payment made to a patent holder in exchange for rights to make, use or sell the claimed invention. A reasonable royalty is the payment that would have resulted from a negotiation between a patent holder and the infringer taking place at the time when the infringing sales first began. In considering the nature of this negotiation, the focus is on what the expectations of the patent holder and infringer would have been had they entered into an agreement at that time and acted reasonably in their negotiations. However, you must assume that both parties believed the patent was valid and infringed. In addition, you must assume that patent holder and infringer were willing to enter into an agreement; your role is to determine what that agreement would have been. The test for damages is what royalty would have resulted from the hypothetical negotiation and not simply what either party would have preferred.

In this trial, you have heard evidence of things that happened after the infringing sales first began. That evidence can be considered only to the extent that [add appropriate limitations on consideration of later occurring events]. You may not limit or increase the royalty based on the actual profits [alleged infringer] made.

Authorities

Golight, Inc., v. Wal-Mart Stores, Inc., 355 F.3d 1327, 1338 (Fed. Cir. 2004); *Maxwell v. Baker, Inc.*, 86 F.3d 1098, 1108-10 (Fed. Cir. 1996); *Mahurkar v. C.R. Bard, Inc.*, 79 F.3d 1572, 1579-81 (Fed. Cir. 1996); *Rite-Hite Corp. v. Kelley Co.*, 56 F.3d 1538, 1554 (Fed. Cir. 1995) (*en banc*); *Georgia-Pacific Corp. v. United States Plywood Corp.*, 318 F. Supp. 1116, 1120 (S.D.N.Y. 1970).

B.5. Patent Damages

5.8 DATE OF COMMENCEMENT – PRODUCTS¹³

Damages that [patent holder] may be awarded by you commence on the date that [alleged infringer] has both infringed and been notified of the [] patent: [use those that apply to this case]

[– [Patent holder] and [alleged infringer] agree that date was [insert date];]

[– Since [patent holder] sells a product that includes the claimed invention but has not marked that product with the patent number, you must determine the date that [alleged infringer] received actual written notice of the [] patent and the specific product alleged to infringe;]

[– Since [patent holder] [marks the product] or [does not sell a product covered by the patent], then damages begin without the requirement for actual notice under the following circumstances:

If the [] patent was granted before the infringing activity began, damages should be calculated as of the date you determine that the infringement began; or

If the [] patent was granted after the infringing activity began as determined by you, damages should be calculated as of [date patent issued].]

Authorities

35 U.S.C. § 287; *Crystal Semiconductor Corp. v. Tritech Microelectronics Int'l, Inc.*, 246 F.3d 1336 (Fed. Cir. 2001); *Nike Inc. v. Wal-Mart Stores*, 138 F.3d 1437, 1443-44 (Fed. Cir. 1998); *Maxwell v. Baker, Inc.*, 86 F.3d 1098, 1108-09 (Fed. Cir. 1996); *American Med. Sys. v. Medical Eng'g Corp.*, 6 F.3d 1523, 1534 (Fed. Cir. 1993); *Devices for Med., Inc. v. Boehl*, 822 F.2d 1062, 1066 (Fed. Cir. 1987).

¹³ This instruction may be used when the claim is an apparatus or product claim and [alleged infringer] is a direct infringer. Different rules may apply if the claim is a method claim or [alleged infringer] is an inducer or contributory infringer.

GLOSSARY

Some of the terms in this glossary will be defined in more detail in the legal instructions you are given. The definitions in the instructions must be followed and must control your deliberations.

[Add any technical terms from the art involved that may be used during trial and have agreed-upon definitions and delete any of the following terms which may not be applicable in a particular case.]

Abstract: A brief summary of the technical disclosure in a patent to enable the U.S. Patent and Trademark Office and the public to determine quickly the nature and gist of the technical disclosure in the patent.

Amendment: A patent applicant's change to one or more claims or to the specification either in response to an office action taken by a Patent Examiner or independently by the patent applicant during the patent application examination process.

Anticipation: A situation in which a claimed invention describes an earlier invention and, therefore, is not considered new and is not entitled to be patented.

Assignment: A transfer of patent rights to another called an "assignee" who upon transfer becomes the owner of the rights assigned.

Best Mode: The best way the inventor actually knew to make or use the invention at the time of the patent application. If the applicant had a best mode as of the time the application was first filed, it must be set forth in the patent specification.

Claim: Each claim of a patent is a concise, formal definition of an invention and appears at the end of the specification in a separately numbered paragraph. In concept, a patent claim marks the boundaries of the patent in the same way that a legal description in a deed specifies the boundaries of land, i.e. similar to a land owner who can prevent others from trespassing on the bounded property, the inventor can prevent others from using what is claimed. Claims may be independent or dependent. An independent claim stands alone. A dependent claim does not stand alone and refers to one or more other claims. A dependent claim incorporates whatever the other referenced claim or claims say.

Conception: The complete mental part of the inventive act which must be capable of proof, as by drawings, disclosure to another, etc.

Continuation Application: A patent application filed during the examination process of an earlier application which has the same disclosure as the original application and does not include anything which would constitute new matter if inserted in the original application.

Continuation-In-Part (C-I-P) Application: A patent application filed during the application process of an earlier application which repeats some or all of the earlier application and adds matter not disclosed in the earlier application to support the addition of new patent claims.

Drawings: The drawings are visual representations of the claimed invention contained in a patent application and issued patent, and usually include several figures illustrating various aspects of the claimed invention.

Elements: The required parts of a device or the required steps of a method. A device or method infringes a patent if it contains each and every requirement of a patent claim.

Embodiment: A product or method that contains the claimed invention.

Enablement: A description of the invention that is sufficient to enable persons skilled in the field of the invention to make and use the invention. The specification of the patent must contain such an enabling description.

Examination: Procedure before the U.S. Patent and Trademark Office whereby a Patent Examiner reviews the filed patent application to determine if the claimed invention is patentable.

Filing Date: Date a patent application, with all the required sections, has been submitted to the U.S. Patent and Trademark Office.

Infringement: Violation of a patent occurring when someone makes, uses or sells a patented invention, without permission of the patent holder, within the United States during the term of the patent. Infringement may be direct, by inducement, or contributory. Direct infringement is making, using or selling the patented invention without permission. Inducing infringement is intentionally causing another to directly infringe a patent. Contributory infringement is offering to sell or selling an item that is a significant part of the invention, so that the buyer directly infringes the patent. To be a contributory infringer one must know that the part being offered or sold is designed specifically for infringing the patented invention and is not a common object suitable for non-infringing uses.

Limitation: A required part of an invention set forth in a patent claim. A limitation is a requirement of the invention. The word “limitation” is often used interchangeably with the word “requirement.”

Nonobviousness: One of the requirements for securing a patent. To be valid, the subject matter of the invention must not have been obvious to a person of ordinary skill in the field of the invention at the time of the earlier of the filing date of the patent application or the date of invention.

Office Action: A written communication from the Patent Examiner to the patent applicant in the course of the application examination process.

Patent: A patent is an exclusive right granted by the U.S. Patent and Trademark Office to an inventor to prevent others from making, using or selling an invention for a term of 20 years from the date the patent application was filed (or 17 years from the date the patent issued). When the patent expires, the right to make, use or sell the invention is dedicated to the public. The patent has three parts, which are a specification, drawings and claims. The patent is granted after examination by the U.S. Patent and Trademark Office of a patent application filed by the inventor which has these parts, and this examination is called the prosecution history.

Patent and Trademark Office (PTO): An administrative branch of the U.S. Department of Commerce that is charged with overseeing and implementing the federal laws of patents and trademarks. It is responsible for examining all patent applications and issuing all patents in the United States.

Prior Art: Previously known subject matter in the field of a claimed invention for which a patent is being sought. It includes issued patents, publications, and knowledge deemed to be publicly available such as trade skills, trade practices and the like.

Prosecution History: The prosecution history is the complete written record of the proceedings in the PTO from the initial application to the issued patent. The prosecution history includes the office actions taken by the PTO and the amendments to the patent application filed by the applicant during the examination process.

Reads On: A patent claim “reads on” a device or method when each required part (requirement) of the claim is found in the device or method.

Reduction to Practice: The invention is “reduced to practice” when it is sufficiently developed to show that it would work for its intended purpose.

Requirement: A required part or step of an invention set forth in a patent claim. The word “requirement” is often used interchangeably with the word “limitation.”

Royalty: A royalty is a payment made to the owner of a patent by a non-owner in exchange for rights to make, use or sell the claimed invention.

Specification: The specification is a required part of a patent application and an issued patent. It is a written description of the invention and of the manner and process of making and using the claimed invention.

C.2. Appendix

COMMENTS REGARDING USE OF SAMPLE VERDICT FORM

The following sample verdict form is provided for guidance in preparing an appropriate special verdict form tailored for your specific case. The sample is for a hypothetical case in which the patent holder alleges direct and indirect infringement of a single claim of one patent and seeks a combination of lost profits and a reasonable royalty for the allegedly infringing sales. The alleged infringer raises a number of invalidity defenses. No issue is raised, however, as to the conception date of the claimed invention. The issue of willfulness has not been bifurcated.

The form requires the jury to make specific findings on the bases for the affirmative defenses of “anticipation” and “statutory bars.”

The form also requires the jury to make factual determinations underlying a conclusion of “obviousness” or “nonobviousness.” It is expected that these issues will be presented to the jury as specifically as possible. For example, if the only dispute between the parties is whether a particular reference is within the “scope and content” of the prior art, that is the only question on that *Graham* factor that should be presented to the jury. As another example, if the only factual dispute between the parties on the “differences between the prior art and the claimed invention” is whether a prior art reference discloses a particular claim limitation, that is the only issue that should be presented to the jury on that *Graham* factor.

This form also provides two alternative section 11’s on obviousness. One asks the jury to only answer the underlying factual questions. The other permits the jury to give an advisory verdict on the ultimate question of obviousness. It must be remembered, however, that the ultimate question of obviousness is a question of law for the court. *KSR Intern, Co. v. Teleflex, Inc.*, 127 S.Ct. 1727, 1745 (2007)(“The ultimate judgment of obviousness is a legal determination.”); *see Dippin’ Dots, Inc. v. Mosey*, 476 F.3d 1337, 1343 (Fed. Cir. 2007). Both alternatives are designed to focus the parties and the court on the factual disputes on the obviousness question. For example, the form requires that each party specify exactly what it contends constitutes the scope and content of the prior art. Although trial courts have often permitted the jury to reach the final conclusion of obviousness without specifying its underlying factual determinations, such an approach is not recommended. The verdict form should require the jury's finding on each factual issue so that the trial judge may make the final determination on the obviousness question. As Judge Michel pointed out in his dissent in *McGinley v. Franklin Sports, Inc.*, 262 F.3d 1339 (Fed. Cir. 2001):

The issue presented in this appeal derives from the common, if unfortunate, practice of allowing the jury to render a general verdict on the ultimate legal conclusion of obviousness without requiring express findings on the underlying factual issues through a special verdict or special interrogatories under Fed. R. Civ. P. 49. Nevertheless, since the inception of our court, we have recognized that a court may submit this legal question to a jury and that doing so by general verdict rather than by Rule 49 is not ordinarily an abuse of discretion. We have emphasized, however, that there is no question that the judge must remain the

ultimate arbiter on the question of obviousness.")

Id. at 1358 (internal citations and quotation marks omitted). The fact that the verdict form allows the jury to give an advisory conclusion on obviousness should not be construed as suggesting that the court defer to the jury's ultimate determination on obviousness. The law is clear that the ultimate question is a legal one for the court.

SAMPLE VERDICT FORM

When answering the following questions and filling out this Verdict Form, please follow the directions provided throughout the form. Your answer to each question must be unanimous. Some of the questions contain legal terms that are defined and explained in detail in the Jury Instructions. Please refer to the Jury Instructions if you are unsure about the meaning or usage of any legal term that appears in the questions below.

We, the jury, unanimously agree to the answers to the following questions and return them under the instructions of this court as our verdict in this case.

FINDINGS ON INFRINGEMENT CLAIMS

(The questions regarding infringement should be answered regardless of your findings with respect to the validity or invalidity of the patent.)

A. Direct Infringement

1. Has Patent Holder proven that it is more likely than not that every requirement of claim 1 of its patent is included in Alleged Infringer's accused product?

Yes _____ No _____

If your answer to question 1 is "yes," go to question 3. If your answer to question 1 is "no," go to question 2.

B. Infringement Under the Doctrine of Equivalents

2. Has Patent Holder proven that it is more likely than not that the accused product includes parts that are identical or equivalent to every requirement of claim 1 of Patent Holder's patent? In other words, for any requirement that is not literally found in the Alleged Infringer's accused product, does the accused product have an equivalent part to that requirement?

Yes _____ No _____

C. Contributory Infringement

3. Has Patent Holder proven that it is more likely than not: (i) that Direct Infringer infringed claim 1 of Patent Holder's patent; (ii) that Alleged Infringer supplied an important component of the infringing part of the product; (iii) that the component was not a common component suitable for non-infringing use; and (iv) that Alleged Infringer supplied the component with knowledge of the patent and knowledge that the component was especially made or adapted for use in an infringing manner?

Yes _____ No _____

D. Inducing Infringement

4. Has Patent Holder proven that it is more likely than not: (i) that Direct Infringer infringed claim 1 of Patent Holder’s patent; (ii) that Alleged Infringer took action that actually induced that infringement by Direct Infringer; (iii) that Alleged Infringer was aware of the patent; and (iv) that Alleged Infringer knew or should have known that taking such action would induce direct infringement?

Yes _____ No _____

E. Willful Infringement

5a. Has the Patent Holder proven that it is highly probable that from an objective point of view the defenses put forth by Alleged Infringer failed to raise any substantial question with regard to infringement, validity or enforcement of the patent claim?

Yes _____ No _____

[If the answer to question 5a is “yes,” answer question 5b. If your answer to question 5a is “no,” go to question 6.]

5b. Has the Patent Holder proven that it is highly probable that the Alleged Infringer actually knew, or it was so obvious that Alleged Infringer should have known, that its actions constituted infringement of a valid and enforceable patent?

FINDINGS ON INVALIDITY DEFENSES

(The questions regarding invalidity should be answered regardless of your findings with respect to infringement.)

A. Written Description Requirement

6. Has Alleged Infringer proven that it is highly probable that the specification of the Patent Holder's patent does not contain an adequate written description of the claimed invention?

Yes _____ No _____

B. Enablement

7. Has Alleged Infringer proven that it is highly probable that the specification of the Patent Holder's patent does not contain a description of the claimed invention that is sufficiently full and clear to enable persons of ordinary skill in the field to make and use the invention?

Yes _____ No _____

C. Best Mode

8. Has Alleged Infringer proven that it is highly probable that the patent does not disclose what the inventor believed was the best way to carry out the claimed invention at the time the patent application was filed?

Yes _____ No _____

D. Anticipation

9. Has Alleged Infringer proven that it is highly probable that claim 1 of Patent Holder's patent was "anticipated," or, in other words, not new?

Yes _____ No _____

[If the answer is "yes," check any reason below that is applicable:

_____ The claimed invention was already publicly known or publicly used by others in the United States before the date of conception of the claimed invention.

_____ The claimed invention was already patented or described in a printed publication somewhere in the world before the date of conception.

_____ The claimed invention was already made by someone else in the United States before the date of conception and that other person had not abandoned the invention or kept it secret.

_____ The claimed invention was already described in another issued U.S. patent or published U.S. patent application that was based on a patent application filed before the date of conception.

_____ The named inventor did not invent the claimed invention but instead learned of the claimed invention from someone else.

_____ The named inventor was not the first inventor of the claimed invention.]

E. Statutory Bar

10. Has Alleged Infringer proven that it is highly probable that claim 1 of Patent Holder's patent was not filed within the time required by law?

Yes _____ No _____

If the answer is "yes," check any reason below that is applicable:

_____ The claimed invention was already patented or described in a printed publication somewhere in the world at least one year before the filing date of the patent application.

_____ The claimed invention was already being openly used in the United States at least one year before the filing date of the patent application and that use was not primarily an experimental use to test whether the invention worked for its intended purpose which was controlled by the inventor.

_____ A device or method using the claimed invention was sold or offered for sale in the United States and the claimed invention was ready for patenting at least one year before the filing date of the patent application and that offer or sale was not primarily for experimental purposes to test whether the invention worked for its intended purpose and which was controlled by the inventor.

_____ Patent Holder had already obtained a patent on the claimed invention in a foreign country before the original U.S. application, and the foreign application was filed at least one year before the U.S. application.

F. Obviousness

[Alternative 1 – Jury decides underlying factual issues only]

11. The ultimate legal conclusion on the obviousness question will be made by the court. However, in order for the court to do so, you must answer the following preliminary factual questions:

- a. What was the level of ordinary skill in the field that someone would have had at the time the claimed invention was made? (check the applicable answer)

_____ set forth Alleged Infringer's contention, e.g., an individual with at least 3 years of experience in both furniture design and manufacture]

_____ [set forth Patent Holder's contention, e.g., anyone who has worked in the field of furniture design or manufacture for at least two years]

_____ [other, specify _____]

- b. What was the scope and content of the prior art at the time of the claimed invention? (check the applicable answer)

_____ [set forth what the Alleged Infringer has offered as the invalidating prior art, e.g., '123 patent on fixed sitting device with four legs, general knowledge in field of industrial design that a horizontal surface may be held parallel to the ground using three legs and common knowledge that a person can easily move an object weighing under 25 pounds]

_____ [set forth what the Patent Holder asserts was within the scope and content of the prior art, e.g., '123 patent on fixed sitting device with four legs]

_____ [other, specify _____]

- c. What difference, if any, existed between the claimed invention and the prior art at the time of the claimed invention?

_____ [set forth the Alleged Infringer's contention as to the difference, e.g., no difference between scope of invention and what is known in prior art]

_____ [set forth the Patent Holder's contention as to the difference, e.g., only 3 legs on a sitting device and portability]

_____ [other, specify _____]

d. Which of the following factors has been established by the evidence with respect to the claimed invention: (check those that apply)[verdict form should list only those factors for which a *prima facie* showing has been made]:

_____ commercial success of a product due to the merits of the claimed invention

_____ a long felt need for the solution that is provided by the claimed invention

_____ unsuccessful attempts by others to find the solution that is provided by the claimed invention

_____ copying of the claimed invention by others

_____ unexpected and superior results from the claimed invention

_____ acceptance by others of the claimed invention as shown by praise from others in the field or from the licensing of the claimed invention

_____ independent invention of the claimed invention by others before or at about the same time as the named inventor thought of it

[_____ other factor(s) indicating obviousness or nonobviousness—describe the factor(s) _____]

[Alternative 2 - Jury decides underlying factual issues and renders advisory verdict on obviousness]

11. The ultimate conclusion that must be reached on the obviousness question is whether Alleged Infringer has proven that it is highly probable that the claimed invention would have been obvious to a person of ordinary skill in the field at the time the patent application was filed. In order to properly reach a conclusion the following preliminary questions must be answered:

a. What was the level of ordinary skill in the field that someone would have had at the time the claimed invention was made? (check the applicable answer)

_____ [set forth Alleged Infringer's contention, e.g., an individual with at least 3 years of experience in both furniture design and manufacture]

_____ [set forth Patent Holder's contention, e.g., anyone who has worked in the field of furniture design or manufacture for at least two years]

_____ [other, specify _____]

b. Was [disputed reference] within the scope and content of the prior art at the time of the claimed invention? (check only if reference was within the scope and content of the prior art)

_____ [set forth the prior art reference [alleged infringer] has offered as prior art that the [patent holder] disputes as being in the scope and content of the prior art. If there is more than one reference in dispute, each disputed reference should be listed separately.]

c. What difference, if any, existed between the claimed invention and the prior art at the time of the claimed invention?

_____ [set forth the Alleged Infringer's contention as to the difference, e.g., no difference between scope of invention and what is known in prior art]

_____ [set forth the Patent Holder's contention as to the difference, e.g., only 3 legs on a sitting device and portability]

_____ [other, specify _____]

d. Which of the following factors has been established by the evidence with respect to the claimed invention: (check those that apply)[verdict form should list only those factors for which a *prima facie* showing has been made]:

_____ commercial success of a product due to the merits of the claimed invention

_____ a long felt need for the solution that is provided by the claimed invention

_____ unsuccessful attempts by others to find the solution that is provided by the claimed invention

_____ copying of the claimed invention by others

_____ unexpected and superior results from the claimed invention

_____ acceptance by others of the claimed invention as shown by praise from others in the field or from the licensing of the claimed invention

_____ independent invention of the claimed invention by others before or at about the same time as the named inventor thought of it

[_____ other factor(s) indicating obviousness or nonobviousness—describe the factor(s) _____]

After consideration of the answers to the preliminary questions above, do you find that the Alleged Infringer has proven that it is highly probable that the claim of Patent Holder's patent would have been obvious to a person of ordinary skill in the field at the time the patent application was filed?

Yes _____

No _____

G. Inventorship

12. Has Alleged Infringer proven that it is highly probable that Patent Holder's patent fails to meet the requirement to name all actual inventors and only the actual inventors?

Yes _____ No _____

FINDINGS ON DAMAGES (IF APPLICABLE)

If you answered question 1, 2, 3 or 4 "yes" and questions 6, 7, 8, 9, 10, 11 and 12 "no," proceed to answer the remaining questions. If you did not so answer, do not answer the remaining questions and proceed to check and sign the verdict form.

13. What lost profits, if any, did Patent Holder show it more likely than not suffered as a result of sales that it would with reasonable probability have made but for Alleged Infringer's infringement?

\$ _____

14. For those infringing sales for which Patent Holder has not proved its entitlement to lost profits, what amount has it proved it is entitled to as a reasonable royalty?

\$ _____

You have now reached the end of the verdict form and should review it to ensure it accurately reflects your unanimous determinations. The Presiding Juror should then sign and date the verdict form in the spaces below and notify the Security Guard that you have reached a verdict. The Presiding Juror should retain possession of the verdict form and bring it when the jury is brought back into the courtroom.

DATED: _____, 20____	By: _____ Presiding Juror