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EXHIBITS

Transcript of Oral Argument on Plaintiff’s Motion to Reopen the Record and the Court’s Rulings dated August 15, 2013.....	Exhibit A
Memorandum Opinion dated August 8, 2014	Exhibit B
Letter Opinion dated January 7, 2015.....	Exhibit C
Final Order and Judgment dated January 15, 2015	Exhibit D

Nature of the Proceedings

This appeal presents the question whether, after having declined, post-trial, to award expectation damages that it determined were “speculative and too uncertain, contingent, and conjectural,” the Court of Chancery erred, following remand from this Court, when it ignored its own findings and awarded expectation damages based on the same record supplemented only by cherry-picked evidence of events occurring post-trial and a series of arbitrary and inaccurate assumptions.

Two years ago, SIGA Technologies, Inc., the developer of an experimental smallpox drug, ST-246, came to this Court to request reversal of an excessive and unprecedented “equitable damages award” in connection with failed negotiations over a license with PharmAthene, Inc. On that appeal, this Court rejected PharmAthene’s claim for promissory estoppel, reversed the equitable remedy, and remanded so that the Court of Chancery could consider what award, if any, PharmAthene might be entitled to based exclusively on “the contract as the source of a remedy.” This Court held that expectation damages, not just reliance damages, are potentially available for breach of an obligation to negotiate in good faith, but cautioned that “[a]n expectation damages award presupposes that the plaintiff can prove damages with reasonable certainty,” and that damages that are too “uncertain, contingent, conjectural, or speculative” are not permitted.¹

¹ *SIGA Techs., Inc. v. PharmAthene, Inc.*, 67 A.3d 330, 334, 348, 351 & n.99 (Del. 2013) (hereinafter “Sup. Ct. Op.”) (citation & internal quotation marks omitted).

SIGA now appeals again, because, on remand, the Court of Chancery imposed a damages award even more excessive than its vacated one. In doing so, the Court of Chancery ignored this Court’s instructions, ignored its own prior factual and legal findings, and manipulated both the record and the burden of proof to punish SIGA with a \$194 million judgment. That judgment—nearly as large as the market capitalizations of SIGA and PharmAthene combined—forced SIGA to file for protection under chapter 11 of the Bankruptcy Code in order to pursue this appeal.

In its original 2011 post-trial opinion, dated nearly five years after the alleged breach, the Court of Chancery correctly found that “PharmAthene’s claims for expectation damages in the form of a specific sum of money representing the present value of the future profits it would have received absent SIGA’s breach is *speculative and too uncertain, contingent, and conjectural*. Therefore, I decline to award such relief.” *PharmAthene, Inc. v. SIGA Techs., Inc.*, 2011 WL 4390726, at *37 (Del. Ch. Sept. 22, 2011) (hereinafter “Post-Tr. Op.”) (emphasis added) (citation omitted). As the Court of Chancery then ruled, “[t]he evidence adduced at trial proved that numerous uncertainties exist regarding the marketability of ST-246 and that it remains possible that it will not generate any profits at all.” *Id.* PharmAthene appealed that determination, but this Court declined to address that claim, leaving it undisturbed as the law of the case.

On remand, the Court of Chancery waved this all aside. Remarkably, the

Court stated that its prior findings were made “in the context of where I knew I was going . . . in terms of the kind of relief that I prescribed.” (A674.) The Court continued, “as far as I’m concerned, I am completely unconstrained, and I could award money damages of whatever number I set.” (A676.)

Based on the very same expert testimony that was presented at trial and *rejected*, with the same “numerous uncertainties” still existing—and with this Court’s clear guidance that “uncertain, contingent, conjectural, or speculative” expectation damages cannot be recovered—the Court of Chancery nevertheless awarded damages based on pure surmise. Its award of speculative expectation damages for the entirely conjectural lost future profits of an experimental drug in early stage development is unprecedented. Unless that award is overturned by this Court, and any recovery limited to PharmAthene’s reliance interest, Delaware law will stand apart from the law in all other major commercial jurisdictions. For these reasons alone, it must be reversed. But the Court of Chancery made several other key errors.

The Court of Chancery arbitrarily and selectively looked to post-breach, indeed post-appeal, evidence to determine what the parties’ expectations were at the time of breach seven years earlier. This was plainly improper—some of these events were quite literally unforeseeable in December 2006, such as the award in May 2011, *more than four years after breach*, of a contract with the Biomedical Advanced Research Development Authority (“BARDA”)—a government agency

that did not even come into existence until the day before the breach—to deliver ST-246 to the Strategic National Stockpile (“SNS”). The Court of Chancery then compounded its error by rewriting that contract to be more favorable to SIGA than it actually is (thereby inflating PharmAthene’s damages) by disregarding contractual terms and post-trial events that were inconsistent with its desired remedy. For example, the Court decided that sales of ST-246 would have begun in 2010, ignoring the undisputed fact that the first course was not delivered until 2013. In the model adopted by the Court, the calculation of damages is extremely sensitive to changes in the timing of ST-246 sales; indeed, in its post-trial opinion, the Court specifically relied on that sensitivity in rejecting PharmAthene’s expectation damages as “inherently speculative.” Post-Tr. Op. at *37 & n.224. Yet on remand, the Court repudiated its own prior ruling, ignored undisputed evidence, and disregarded the extreme sensitivity the Court had found so compelling before. Had undisputed facts occurring post-breach like these not been selectively ignored, the result under the Court’s own prescribed calculation would have been a damages number in the *negative* tens of millions of dollars. (A697-98.)

Finally, but of no small significance, the Court of Chancery erroneously used SIGA’s breach of its duty to negotiate a commercial contract in good faith as a rationale for effectively relieving PharmAthene of its duty to prove damages that are not speculative—a legally improper burden shift that had the effect of exacting

a remedy that is essentially punitive. No such remedy is available for breach of contract under the circumstances presented here.

For these reasons and those set forth below, the judgment should be reversed. Four opinions and orders of the Court of Chancery are at issue.

- On August 15, 2013, the Court of Chancery issued a bench ruling in which it reopened the record to admit selective evidence of events that had occurred since trial for the purpose of permitting PharmAthene an additional opportunity to prove its expectation damages. *See Ex. A.*
- On August 8, 2014, the Court of Chancery issued a Memorandum Opinion in which it reversed its previous determination that PharmAthene had failed to prove expectation damages. The Court of Chancery directed the parties to attempt to agree on a form of final order and judgment. *See Ex. B.*
- On January 7, 2015, the Court of Chancery issued a Letter Opinion resolving the parties' disputes regarding a form of final order and judgment. *See Ex. C.*
- On January 15, 2015, the Court of Chancery issued a Final Order and Judgment. *See Ex. D.*

Summary of Argument

1. The Court of Chancery erred by awarding PharmAthene expectation damages on remand:
 - a. PharmAthene's expectation damages are speculative and contingent.
 - b. The law of the case prohibits an award of expectation damages and an award based on patent law principles.
 - c. The Court of Chancery improperly and selectively considered post-breach evidence.
 - d. The Court of Chancery erroneously relied on SIGA's "bad faith" to cure the speculative nature of PharmAthene's expectation damages.

Statement of Facts

This litigation arises from failed negotiations for a collaboration between SIGA and PharmAthene to develop and bring to market ST-246, an experimental drug owned and developed exclusively by SIGA. *See* Sup. Ct. Op. at 334-40. ST-246 is intended for the treatment and prevention of pathogenic orthopoxvirus diseases, including smallpox. *Id.* The details of the parties' negotiations in 2006 for a License Agreement Term Sheet ("LATS"), Merger Agreement, and Bridge Loan Agreement are set forth in this Court's prior opinion. We recount here only facts necessary to this appeal.

A. The Merger Agreement Terminates and the Parties Are Unable to Agree on a Continuing Collaboration

The Bridge Loan and Merger Agreements between SIGA and PharmAthene provided that if a merger was not consummated, the parties would "negotiate in good faith with the intention of executing a definitive License Agreement in accordance with the terms set forth in the [LATS]." (A132; A271.) After the Merger Agreement terminated in September 2006, the parties began negotiations on a license agreement, which were cut short when PharmAthene filed suit on December 20, 2006.

B. The First Court of Chancery Proceeding

PharmAthene's initial complaint sought relief on theories of breach of contract, breach of express covenants, promissory estoppel, and unjust enrichment. At an 11-day trial in January 2011, PharmAthene's presentation of evidence

focused primarily on attempting to prove that the LATS was a binding contract that had been breached, and that PharmAthene was entitled to expectation damages for that alleged breach. Post-Tr. Op. at *30. In support of its damages calculations, PharmAthene submitted no fewer than six expert scenarios that purported to support a damages award ranging from \$402 million to \$1.070 billion. *Id.* at *36.

On September 22, 2011, the Court of Chancery issued its Post-Trial Opinion, which rejected PharmAthene’s primary arguments for breach of contract and the remedy of expectation damages. It found that the LATS was non-binding and ruled that “PharmAthene has not shown that . . . [the parties] intended to bind themselves to enter into a license strictly conforming to the LATS.” *Id.* at *2, *13-16, *19. It also found the terms of the LATS non-binding “for a second and independent reason: they do not contain all the essential terms of a license agreement for a product like ST-246.” *Id.* at *16-18. The Court concluded that SIGA was liable only for breach of its obligation to negotiate in good faith under the Bridge Loan and Merger Agreements and on a theory of promissory estoppel.

Based on its review of the extensive evidentiary record—including “[h]aving carefully reviewed the testimony and reports of PharmAthene’s experts . . . especially [Jeffrey L.] Baliban,” PharmAthene’s damages expert—the Court found that expectation damages could not be awarded because they were “speculative and too uncertain, contingent, and conjectural” (*id.* at *37):

[E]ven a consummated license agreement between PharmAthene and

SIGA in accordance with the LATS still would subject PharmAthene to the possibility that it might not profit at all for a host of reasons . . . ST-246 might never receive FDA approval, there are no guaranteed purchasers of ST-246, and research delays or problems in animal trials might prevent ST-246 from reaching a viable market in a timely fashion . . . PharmAthene's claimed expectation damages could be considered, in a literal sense, to be merely speculative.

Id. at *31. The Court of Chancery also identified other sources of uncertainty concerning PharmAthene's damages, including, "among other things, regulatory matters, questions of demand, price, competition, and the parties' marketing competency." *Id.* at *37.

The Court of Chancery then rejected Baliban's damages models. It found that "[t]he huge fluctuations in [his] estimated damages (in the hundreds of millions of dollars) based on changes to a few variables in his analysis confirm that it would be unduly speculative to attempt to fix a specific sum of money as representative of PharmAthene's expectation damages." *Id.* at *37 & n.224. The Court also recognized that it could not award expectation damages for "*a license agreement that . . . was never consummated, because such an award would be speculative.*" *Id.* at *33 (emphasis added). Indeed, the Court of Chancery made no factual finding that the parties would have reached agreement on a license in accordance with the terms of the LATS, and so it could not award expectation damages based on the LATS.

Instead, the Court of Chancery relied on its finding that SIGA was liable on promissory estoppel to create an award it termed an "equitable payment stream" or

“constructive trust,” based on a judicially imagined² agreement—materially different from that contemplated by the LATS—that the Court of Chancery found the parties would have reached. *Id.* at *38. Under that imagined agreement, the Court awarded PharmAthene 50% of net profits, after SIGA first earned \$40 million, for a period of 10 years dating from the first commercial sale of any product derived from ST-246. *Id.* at *38.

C. The First Appeal

SIGA appealed and PharmAthene cross-appealed. This Court affirmed the Court of Chancery’s finding of breach of a preliminary agreement to negotiate in good faith (a “Type II” agreement). This Court agreed that the LATS and its terms were not binding, but held that the obligation to negotiate in good faith “reflects an intent on the part of both parties to negotiate toward a license agreement with economic terms substantially similar to the terms of the LATS.” *Sup. Ct. Op.* at 346 (quoting *Post-Tr. Op.* at *22).³

² Neither PharmAthene nor SIGA ever claimed that they would have reached agreement on the terms found by the Court of Chancery. Indeed, in the negotiations following the termination of the Merger Agreement, PharmAthene insisted that it would not agree to a higher upfront fee. (A361-62.) Notwithstanding that evidence, the Court of Chancery concluded that in a good faith negotiation, PharmAthene would have agreed to pay SIGA \$40 million upfront instead of the \$16 million in milestone payments required by the LATS. *Post-Tr. Op.* at *38, *40. Furthermore, there is no evidence PharmAthene would even have been capable of making a higher upfront payment in the fall of 2006, as it had recently failed to raise the lesser amount of \$25 million necessary for the merger to close. (A515.) Yet the Court of Chancery’s imagined agreement included just such a higher upfront fee.

³ As this finding—that the terms of the LATS were not binding—was undisturbed on appeal, it is the law of the case and thus conclusive on this appeal. *See Cede & Co. v. Technicolor, Inc.*, 884 A.2d 26, 38-39 (Del. 2005).

timely fashion” and “as of April 2010, no final contract with BARDA yet existed.” Post-Tr. Op. at *31, *37 n.224. Yet the Court of Chancery reversed course on remand by assuming, without citing any evidence, that as of “the time of the breach, PharmAthene had a reasonable expectation that the U.S. government”—indeed, an agency that did not even come into existence until the day before the breach—“would begin purchasing ST-246 for the SNS . . . by 2010, at the latest.” (Ex. B at 33-34.)

In addition to being contrary to the law of the case, this is simply wrong—at the time of the December 2006 breach, absent a crystal ball, the parties had no reason to imagine that BARDA would request bids for a smallpox antiviral in March 2009, that BARDA would announce the award of a procurement contract to SIGA in October 2010, that a protest would be filed challenging the award (the protest was pending at the time the post-trial opinion was issued), that the contract would be modified, that a new request would be issued in February 2011 and the protest withdrawn, that courses of ST-246 would be delivered to the SNS (at the time the post-trial opinion was issued, no sales of ST-246 had occurred) or that regulatory hurdles could be overcome.⁶

Then, to calculate damages, the Court of Chancery adopted one of the six

⁶ In addition to being a reversal of its previous findings, the Court of Chancery’s conclusion on remand that BARDA has consistently reduced the eligibility criteria for SNS drugs is simply incorrect. The Court of Chancery cites no evidence for this point (*see* Ex. B at 30 n.59), and SIGA is aware of none.

standard vaccine.” (A522.) Baliban admitted at trial that he had no basis for his assumption that the government would purchase ST-246 based on the contraindication rate. (A517-18.) Yet on remand, confronted with the fact that only 1.7 million courses of ST-246 have been sold in the nearly nine years since breach (A541), the Court swallowed hook, line, and sinker Baliban’s speculation that the parties could have expected sales of nearly 15 million courses of treatment.

The Court of Chancery further made arbitrary changes to the speculative damages model to “cure” its defects. The Court (1) decreased the time frame captured by the model; (2) altered the timing of the first sale of ST-246; (3) altered the quantity of initial ST-246 sales; (4) altered the distribution of sales over a five year period; (5) altered the timing of upfront and milestone payments; and (6) recalculated the projected cost of goods sold. (Ex. B, Order at 2-5.) These adjustments are completely arbitrary: they have no basis in the evidentiary record of the parties’ expectations as of December 2006, or in the reality of the sales of ST-246 under the BARDA contract. Moreover, even though these changes resulted in a damages award of less than the \$402 million to \$1.070 billion that PharmAthene sought at trial, their arbitrariness only underscores the transparently punitive, results-oriented exercise engaged in by the Court of Chancery on remand. Exchanging one set of arbitrary assumptions for another set of cherry-picked, speculative and equally arbitrary assumptions is not permissible simply because doing so results in a discount.

Argument

I. The Court of Chancery Erred In Awarding Expectation Damages

A. **Question Presented:** Did the Court of Chancery err in reversing its previous determination that expectation damages are “speculative and too uncertain, contingent, and conjectural,” and awarding PharmAthene damages for lost profits on remand? This issue was preserved for appeal. (A801-09; A833-43.)

B. **Standard of Review:** Determinations of fact are reviewed for abuse of discretion. *Reserves Dev. LLC v. Crystal Props., LLC*, 986 A.2d 362, 367 (Del. 2009). Legal conclusions are reviewed *de novo*. *Id.*; *Bank of N.Y. Mellon Trust Co., N.A. v. Liberty Media Corp.*, 29 A.3d 225, 236 (Del. 2011).

C. **Merits:** The Court of Chancery erroneously awarded expectation damages. First, the Court of Chancery’s previous determination that expectation damages here are fatally “speculative and too uncertain, contingent, and conjectural” is correct. Expectation damages cannot be awarded for the type of breach here because they cannot be determined with sufficient certainty. Second, the law of the case prohibits an award of expectation damages because the Court of Chancery was bound by its prior determination that expectation damages are speculative and because the form of expectation damages is effectively a “reasonable royalty,” a patent measure of damages the Court of Chancery had already determined is unavailable. Third, the additional evidence improperly considered on remand does not resolve the uncertainties that barred expectation

even at the time of trial, nearly five years after breach—“ST-246 might never receive FDA approval, there are no guaranteed purchasers of ST-246, and research delays or problems in animal trials might prevent ST-246 from reaching a viable market in a timely fashion.” Post-Tr. Op. at *31. The Court of Chancery concluded that “[b]ecause under even a fully-consummated license agreement there would be a plausible chance that PharmAthene would make no profit, PharmAthene’s claimed expectation damages could be considered, in a literal sense, to be merely speculative.” *Id.* ST-246’s development and profitability were also contingent on additional factors that were not reasonably anticipated at the time of the breach, including substantial private investments—besides government funding, SIGA has invested more than \$70 million of its own money in developing ST-246 since 2006; demand from a market of one potential purchaser, the United States government; the successful award of a government contract; and FDA guidance and approvals. *See id.* at *37; *see also* A856.

Even in jurisdictions that enforce Type II agreements, no court has awarded expectation damages for failure to negotiate in good faith over the terms of a contract like this, which is “silent on significant issues,” for which the missing terms cannot be judicially determined by “objective criteria” “found in the agreement itself, commercial practice or other usage and custom,” and for which damages cannot be determined with any degree of certainty. *Fairbrook Leasing, Inc. v. Mesaba Aviation, Inc.*, 519 F.3d 421, 429-30 (8th Cir. 2008) (citation &

internal quotation marks omitted). As set forth above, the LATS is silent on significant issues, and its missing terms cannot be determined by reference to any objective criteria.⁸

Moreover, this case is wholly distinguishable from the few cases in which courts have awarded expectation damages for breach of Type II preliminary agreements. For example, the court in *Network Enterprises, Inc. v. APBA Offshore Productions, Inc.*, awarded expectation damages where the only terms of the preliminary agreement left to be resolved were the dates and times at which television programs would air and where the amount of damages—the lost revenue per episode—was clearly established under the terms of the Type II agreement itself. 427 F. Supp. 2d 463, 487 (S.D.N.Y. 2006). Similarly, expectation damages have been awarded for borrowers' breaches of commitment letters where the lenders' lost interest income could be determined solely by reference to the commitment letters and clear commercial practice. See *Teachers Ins. & Annuity Ass'n of Am. v. Ormesa Geothermal*, 791 F. Supp. 401, 415-17 (S.D.N.Y. 1991); *Teachers Ins. & Annuity Ass'n of Am. v. Tribune Co.*, 670 F. Supp. 491, 491, 498-508 (S.D.N.Y. 1987).

⁸ For example, the LATS is silent as to a defined research and development budget, which is the most important economic term in a contract to develop a pre-commercial drug candidate. See Post-Trial Op. at *17. This term was particularly significant to SIGA because at the time, PharmAthene was focused on its own anthrax drug, and without any contractual obligation to prioritize ST-246, SIGA would have no assurance that efforts would ever be taken to commercialize it. (A123; A524.)

would occur, let alone when they would occur.

Thus, the Court of Chancery drew arbitrary and unsupported distinctions as to the use of evidence presented on remand. The Court of Chancery opined that “it is appropriate to consider the fact that, to date, SIGA has sold ‘X dollars’ worth of ST–246 to evaluate whether at the time of the breach PharmAthene had a reasonable expectation of commercializing ST–246” (*Id.* at 22.) The Court simultaneously held that it could not rely on evidence of the actual sales to calculate the *amount* of damages because they were “neither known nor knowable at the time of SIGA’s breach.” (*Id.*) The Court of Chancery cannot have it both ways. In choosing to consider sales “to date” of ST-246, the Court of Chancery cannot blind itself to the actual quantity and timing of those sales, which are irreconcilable with its conclusions concerning the parties’ reasonable expectations.

**5. The Court of Chancery Erred by Relying on SIGA’s
“Bad Faith” to Cure the Fatally Speculative
Nature of PharmAthene’s Expectation Damages**

Finally, the Court of Chancery relied extensively on the so-called “wrongdoer rule” to resolve all uncertainties in calculating damages against SIGA. (See Ex. B. at 20 (“Doubts [about the extent of damages] are generally resolved against the party in breach *A court may take into account all the circumstances of the breach, including willfulness, in deciding whether to require a lesser degree of certainty, giving greater discretion to the trier of the facts.*”) (emphasis in original).) This was erroneous. The “wrongdoer rule” shifts the burden of

Conclusion

For the foregoing reasons, SIGA respectfully requests that the Supreme Court reverse the award of contract expectation damages in Part I of the Court of Chancery's Final Order and Judgment and the awards of fees and costs in Part II of the Final Order and Judgment, and further award PharmAthene damages not to exceed its reliance interest as proven by SIGA's evidence at trial.

Respectfully submitted,

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