

People v. Zachariah C. Crabill. 23PDJ067. November 22, 2023.

The Presiding Disciplinary Judge approved the parties' stipulation to discipline and suspended Zachariah C. Crabill (attorney registration number 56783) for one year and one day, with ninety days to be served and the remainder to be stayed upon Crabill's successful completion of a two-year period of probation, with conditions. The suspension took effect November 22, 2023.

In April 2023, a client hired Crabill to prepare a motion to set aside judgment in the client's civil case. Crabill, who had never drafted such a motion before working on his client's matter, cited case law that he found through the artificial intelligence platform, ChatGPT. Crabill did not read the cases he found through ChatGPT or otherwise attempt to verify that the citations were accurate. In May 2023, Crabill filed the motion with the presiding court. Before a hearing on the motion, Crabill discovered that the cases from ChatGPT were either incorrect or fictitious. But Crabill did not alert the court to the sham cases at the hearing. Nor did he withdraw the motion. When the judge expressed concerns about the accuracy of the cases, Crabill falsely attributed the mistakes to a legal intern. Six days after the hearing, Crabill filed an affidavit with the court, explaining that he used ChatGPT when he drafted the motion.

Through this conduct, Crabill violated Colo. RPC 1.1 (a lawyer must competently represent a client); Colo. RPC 1.3 (a lawyer must act with reasonable diligence and promptness when representing a client); Colo. RPC 3.3(a)(1) (a lawyer must not knowingly make a false statement of material fact or law to a tribunal); and Colo. RPC 8.4(c) (it is professional misconduct for a lawyer to engage in conduct involving dishonesty, fraud, deceit, or misrepresentation).

The case file is public per C.R.C.P. 242.41(a).

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK

-----X
ROBERTO MATA,

Plaintiff,

22-cv-1461 (PKC)

-against-

OPINION AND ORDER
ON SANCTIONS

AVIANCA, INC.,

Defendant.

-----X
CASTEL, U.S.D.J.

In researching and drafting court submissions, good lawyers appropriately obtain assistance from junior lawyers, law students, contract lawyers, legal encyclopedias and databases such as Westlaw and LexisNexis. Technological advances are commonplace and there is nothing inherently improper about using a reliable artificial intelligence tool for assistance. But existing rules impose a gatekeeping role on attorneys to ensure the accuracy of their filings. Rule 11, Fed. R. Civ. P. Peter LoDuca, Steven A. Schwartz and the law firm of Levidow, Levidow & Oberman P.C. (the “Levidow Firm”) (collectively, “Respondents”) abandoned their responsibilities when they submitted non-existent judicial opinions with fake quotes and citations created by the artificial intelligence tool ChatGPT, then continued to stand by the fake opinions after judicial orders called their existence into question.

Many harms flow from the submission of fake opinions.¹ The opposing party wastes time and money in exposing the deception. The Court’s time is taken from other

¹ The potential mischief is demonstrated by an innocent mistake made by counsel for Mr. Schwartz and the Levidow Firm, which counsel promptly caught and corrected on its own. In the initial version of the brief in response to the Orders to Show Cause submitted to the Court, it included three of the fake cases in its Table of Authorities. (ECF 45.)

important endeavors. The client may be deprived of arguments based on authentic judicial precedents. There is potential harm to the reputation of judges and courts whose names are falsely invoked as authors of the bogus opinions and to the reputation of a party attributed with fictional conduct. It promotes cynicism about the legal profession and the American judicial system. And a future litigant may be tempted to defy a judicial ruling by disingenuously claiming doubt about its authenticity.

The narrative leading to sanctions against Respondents includes the filing of the March 1, 2023 submission that first cited the fake cases. But if the matter had ended with Respondents coming clean about their actions shortly after they received the defendant's March 15 brief questioning the existence of the cases, or after they reviewed the Court's Orders of April 11 and 12 requiring production of the cases, the record now would look quite different. Instead, the individual Respondents doubled down and did not begin to dribble out the truth until May 25, after the Court issued an Order to Show Cause why one of the individual Respondents ought not be sanctioned.

For reasons explained and considering the conduct of each individual Respondent separately, the Court finds bad faith on the part of the individual Respondents based upon acts of conscious avoidance and false and misleading statements to the Court. (See, e.g., Findings of Fact ¶¶ 17, 20, 22-23, 40-41, 43, 46-47 and Conclusions of Law ¶¶ 21, 23-24.) Sanctions will therefore be imposed on the individual Respondents. Rule 11(c)(1) also provides that “[a]bsent exceptional circumstances, a law firm must be held jointly responsible for a violation committed by its . . . associate, or employee.” Because the Court finds no exceptional circumstances, sanctions will be jointly imposed on the Levidow Firm. The sanctions are “limited to what

suffices to deter repetition of the conduct or comparable conduct by others similarly situated.”
Rule 11(c)(4).

Set forth below are this Court’s Findings of Fact and Conclusions of Law following the hearing of June 8, 2023.

FINDINGS OF FACT

1. Roberto Mata commenced this action on or about February 2, 2022, when he filed a Verified Complaint in the Supreme Court of the State of New York, New York County, asserting that he was injured when a metal serving cart struck his left knee during a flight from El Salvador to John F. Kennedy Airport. (ECF 1.) Avianca removed the action to federal court on February 22, 2022, asserting federal question jurisdiction under the Convention for the Unification of Certain Rules Relating to International Carriage by Air, Done at Montreal, Canada, on 28 May 1999, reprinted in S. Treaty Doc. 106-45 (1999) (the “Montreal Convention”). (ECF 1.)

2. Steven A. Schwartz of the Levidow Firm had been the attorney listed on the state court complaint. But upon removal from state court to this Court, Peter LoDuca of the Levidow Firm filed a notice of appearance on behalf of Mata on March 31, 2022. (ECF 8.) Mr. Schwartz is not admitted to practice in this District. Mr. LoDuca has explained that because Mr. Schwartz is not admitted, Mr. LoDuca filed the notice of appearance while Mr. Schwartz continued to perform all substantive legal work. (LoDuca May 25 Aff’t ¶¶ 3-4 (ECF 32); Schwartz May 25 Aff’t ¶ 4 (ECF 32-1).)

3. On January 13, 2023, Avianca filed a motion to dismiss urging that Mata’s claims are time-barred under the Montreal Convention. (ECF 16.)

4. On January 18, 2023, a letter signed by Mr. Schwartz and filed by Mr. LoDuca requested a one-month extension to respond to the motion, from February 3, 2023, to March 3, 2023. (ECF 19.) The letter stated that “the undersigned will be out of the office for a previously planned vacation” and cited a need for “extra time to properly respond to the extensive motion papers filed by the defendant.” (Id.) The Court granted the request. (ECF 20.)

5. On March 1, 2023, Mr. LoDuca filed an “Affirmation in Opposition” to the motion to dismiss (the “Affirmation in Opposition”).² (ECF 21.) The Affirmation in Opposition cited and quoted from purported judicial decisions that were said to be published in the Federal Reporter, the Federal Supplement and Westlaw. (Id.) Above Mr. LoDuca’s signature line, the Affirmation in Opposition states, “I declare under penalty of perjury that the foregoing is true and correct.” (Id.)

6. Although Mr. LoDuca signed the Affirmation in Opposition and filed it on ECF, he was not its author. (Tr. 8-9.) It was researched and written by Mr. Schwartz. (Tr. 8.) Mr. LoDuca reviewed the affirmation for style, stating, “I was basically looking for a flow, make sure there was nothing untoward or no large grammatical errors.” (Tr. 9.) Before executing the Affirmation, Mr. LoDuca did not review any judicial authorities cited in his affirmation. (Tr. 9.) There is no claim or evidence that he made any inquiry of Mr. Schwartz as to the nature and extent of his research or whether he had found contrary precedent. Mr. LoDuca simply relied on a belief that work produced by Mr. Schwartz, a colleague of more than twenty-five years, would be reliable. (LoDuca May 25 Aff’t ¶¶ 6-7.) There was no claim made by any Respondent in response to the Court’s Orders to Show Cause that Mr. Schwartz had prior experience with the

² Plaintiff’s opposition was submitted as an “affirmation” and not a memorandum of law. The Local Civil Rules of this District require that “the cases and other authorities relied upon” in opposition to a motion be set forth in a memorandum of law. Local Civil Rule 7.1(a)(2), 7.1(b). An affirmation is a creature of New York state practice that is akin to a declaration under penalty of perjury. Compare N.Y. C.P.L.R. 2106 with 28 U.S.C. § 1746.

Montreal Convention or bankruptcy stays. Mr. Schwartz has stated that “my practice has always been exclusively in state court” (Schwartz June 6 Decl. ¶ 6.) Respondents’ memorandum of law asserts that Mr. Schwartz attempted “to research a federal bankruptcy issue with which he was completely unfamiliar.” (ECF 49 at 21.)

7. Avianca filed a five-page reply memorandum on March 15, 2023. (ECF 24.) It included the following statement: “Although Plaintiff ostensibly cites to a variety of cases in opposition to this motion, the undersigned has been unable to locate most of the case law cited in Plaintiff’s Affirmation in Opposition, and the few cases which the undersigned has been able to locate do not stand for the propositions for which they are cited.” (ECF 24 at 1.) It impliedly asserted that certain cases cited in the Affirmation in Opposition were non-existent: “Plaintiff does not dispute that this action is governed by the Montreal Convention, and Plaintiff has not cited any existing authority holding that the Bankruptcy Code tolls the two-year limitations period or that New York law supplies the relevant statute of limitations.” (ECF 24 at 1; emphasis added.) It then detailed by name and citation seven purported “decisions” that Avianca’s counsel could not locate, and set them apart with quotation marks to distinguish a non-existent case from a real one, even if cited for a proposition for which it did not stand. (ECF 24.)

8. Despite the serious nature of Avianca’s allegations, no Respondent sought to withdraw the March 1 Affirmation or provide any explanation to the Court of how it could possibly be that a case purportedly in the Federal Reporter or Federal Supplement could not be found.

9. The Court conducted its own search for the cited cases but was unable to locate multiple authorities cited in the Affirmation in Opposition.

10. Mr. LoDuca testified at the June 8 sanctions hearing that he received Avianca's reply submission and did not read it before he forwarded it to Mr. Schwartz. (Tr. 10.) Mr. Schwartz did not alert Mr. LoDuca to the contents of the reply. (Tr. 12.)

11. As it was later revealed, Mr. Schwartz had used ChatGPT, which fabricated the cited cases. Mr. Schwartz testified at the sanctions hearing that when he reviewed the reply memo, he was "operating under the false perception that this website [i.e., ChatGPT] could not possibly be fabricating cases on its own." (Tr. at 31.) He stated, "I just was not thinking that the case could be fabricated, so I was not looking at it from that point of view." (Tr. at 35.) "My reaction was, ChatGPT is finding that case somewhere. Maybe it's unpublished. Maybe it was appealed. Maybe access is difficult to get. I just never thought it could be made up." (Tr. at 33.)

12. Mr. Schwartz also testified at the hearing that he knew that there were free sites available on the internet where a known case citation to a reported decision could be entered and the decision displayed. (Tr. 23-24, 28-29.) He admitted that he entered the citation to "Varghese" but could not find it:

THE COURT: Did you say, well they gave me part of Varghese, let me look at the full Varghese decision?

MR. SCHWARTZ: I did.

THE COURT: And what did you find when you went to look up the full Varghese decision?

MR. SCHWARTZ: I couldn't find it.

THE COURT: And yet you cited it in the brief to me.

MR. SCHWARTZ: I did, again, operating under the false assumption and disbelief that this website could produce completely fabricated cases. And if I knew that, I obviously never would have submitted these cases.

(Tr. 28.)³

13. On April 11, 2023, the Court issued an Order directing Mr. LoDuca to file an affidavit by April 18, 2023⁴ that annexed copies of the following decisions cited in the Affirmation in Opposition: Varghese v. China Southern Airlines Co., Ltd., 925 F.3d 1339 (11th Cir. 2019); Shaboon v. Egyptair, 2013 IL App (1st) 111279-U (Ill. App. Ct. 2013); Peterson v. Iran Air, 905 F. Supp. 2d 121 (D.D.C. 2012); Martinez v. Delta Airlines, Inc., 2019 WL 4639462 (Tex. App. Sept. 25, 2019); Estate of Durden v. KLM Royal Dutch Airlines, 2017 WL 2418825 (Ga. Ct. App. June 5, 2017); Ehrlich v. American Airlines, Inc., 360 N.J. Super. 360 (App. Div. 2003); Miller v. United Airlines, Inc., 174 F.3d 366, 371-72 (2d Cir. 1999); and In re Air Crash Disaster Near New Orleans, LA, 821 F.2d 1147, 1165 (5th Cir. 1987). (ECF 25.) The Order stated: “Failure to comply will result in dismissal of the action pursuant to Rule 41(b), Fed. R. Civ. P.” (ECF 25.)

14. On April 12, 2023, the Court issued an Order that directed Mr. LoDuca to annex an additional decision, which was cited in the Affirmation in Opposition as Zicherman v. Korean Air Lines Co., Ltd., 516 F.3d 1237, 1254 (11th Cir. 2008). (ECF 27.)

15. Mr. Schwartz understood the import of the Orders of April 11 and 12 requiring the production of the actual cases: “I thought the Court searched for the cases [and] could not find them” (Tr. 36.)

16. Mr. LoDuca requested an extension of time to respond to April 25, 2023. (ECF 26.) The letter stated: “This extension is being requested as the undersigned is currently

³ Mr. Schwartz’s testimony appears to acknowledge that he knew that “Varghese” could not be found before the March 1 Affirmation was filed citing the fake case. His answer also could refer to the April 25 Affidavit submitting the actual cases. Either way, he knew before making a submission to the Court that the full text of “Varghese” could not be found but kept silent.

⁴ The Court’s Order directed the filing to be made by April 18, 2022, not 2023.

out of the office on vacation and will be returning April 18, 2023.” (Id.) Mr. LoDuca signed the letter and filed it on ECF. (Id.)

17. Mr. LoDuca’s statement was false and he knew it to be false at the time he made the statement. Under questioning by the Court at the sanctions hearing, Mr. LoDuca admitted that he was not out of the office on vacation. (Tr. 13-14, 19.) Mr. LoDuca testified that “[m]y intent of the letter was because Mr. Schwartz was away, but I was aware of what was in the letter when I signed it. . . . I just attempted to get Mr. Schwartz the additional time he needed because he was out of the office at the time.” (Tr. 44.) The Court finds that Mr. LoDuca made a knowingly false statement to the Court that he was “out of the office on vacation” in a successful effort to induce the Court to grant him an extension of time. (ECF 28.) The lie had the intended effect of concealing Mr. Schwartz’s role in preparing the March 1 Affirmation and the April 25 Affidavit and concealing Mr. LoDuca’s lack of meaningful role in confirming the truth of the statements in his affidavit. This is evidence of the subjective bad faith of Mr. LoDuca.

18. Mr. LoDuca executed and filed an affidavit on April 25, 2023 (the “April 25 Affidavit”) that annexed what were purported to be copies or excerpts of all but one of the decisions required by the Orders of April 11 and 12. Mr. LoDuca stated “[t]hat I was unable to locate the case of Zicherman v. Korean Air Lines Co., Ltd., 516 F.3d 1237 (11th Cir. 2008) which was cited by the Court in Varghese.” (ECF 29.)

19. The April 25 Affidavit stated that the purported decisions it annexed “may not be inclusive of the entire opinions but only what is made available by online database.” (Id. ¶ 4.) It did not identify any “online database” by name. It also stated “[t]hat the opinion in

Shaboon v. Egyptair 2013 IL App (1st) 111279-U (Ill. App. Ct. 2013) is an unpublished opinion.” (Id. ¶ 5.)

20. In fact, Mr. LoDuca did not author the April 25 Affidavit, had no role in its preparation and no knowledge of whether the statements therein were true. Mr. Schwartz was the attorney who drafted the April 25 Affidavit and compiled its exhibits. (Tr. 38.)

21. At the sanctions hearing, Mr. Schwartz testified that he prepared Mr. LoDuca’s affidavit, walked it into “his office” twenty feet away, and “[h]e looked it over, and he signed it.” (Tr. 41.)⁵ There is no evidence that Mr. LoDuca asked a single question. Mr. LoDuca had not been provided with a draft of the affidavit before he signed it. Mr. LoDuca knew that Mr. Schwartz did not practice in federal court and, in response to the Order to Show Cause, he has never contended that Mr. Schwartz had experience with the Montreal Convention or bankruptcy stays. Indeed, at the sanctions hearing, Mr. Schwartz testified that he thought a citation in the form “F.3d” meant “federal district, third department.” (Tr. 33.)⁶

22. Facially, the April 25 Affidavit did not comply with the Court’s Orders of April 11 and 12 because it did not attach the full text of any of the “cases” that are now admitted to be fake. It attached only excerpts of the “cases.” And the April 25 Affidavit recited that one “case,” “Zicherman v. Korean Air Lines Co., Ltd., 516 F.3d 1237 (11th Cir. 2008)”, notably with a citation to the Federal Reporter, could not be found. (ECF 29.) No explanation was offered.

23. Regarding the Court’s Orders of April 11 and 12 requiring an affidavit from Mr. LoDuca, Mr. LoDuca testified, “Me, I didn’t do anything other than turn over to Mr.

⁵ The declaration of Mr. Schwartz claimed that the April 25 Affidavit was executed in his own office, not Mr. LoDuca’s office. (Schwartz June 6 Dec. ¶ 27 (“Mr. LoDuca then came into my office and signed the affidavit in front of me . . .”).)

⁶ The Court finds this claim from a lawyer who has practiced in the litigation arena for approximately 30 years to be not credible and was contradicted by his later testimony. (See Tr. 34 (“THE COURT: And F.3d is the third edition of the Federal Reporter, correct? MR. SCHWARTZ: Right.”).)

Schwartz to locate the cases that [the Court] had requested.” (Tr. 13.) He testified that he read the April 25 Affidavit and “saw the cases that were attached to it. Mr. Schwartz had assured me that this was what he could find with respect to the cases. And I submitted it to the Court.” (Tr. 14.) Mr. LoDuca had observed that the “cases” annexed to his April 25 Affidavit were not being submitted in their entirety, and explained that “I understood that was the best that Mr. Schwartz could find at the time based on the search that he or – the database that he had available to him.” (Tr. 15.) Mr. LoDuca testified that it “never crossed my mind” that the cases were bogus. (Tr. 16.)

24. The Court reviewed the purported decisions annexed to the April 25 Affidavit, which have some traits that are superficially consistent with actual judicial decisions. The Court need not describe every deficiency contained in the fake decisions annexed to the April 25 Affidavit. It makes the following exemplar findings as to the three “decisions” that were purported to be issued by federal courts.

25. The “Varghese” decision is presented as being issued by a panel of judges on the United States Court of Appeals for the Eleventh Circuit that consisted of Judges Adalberto Jordan, Robin S. Rosenbaum and Patrick Higginbotham,⁷ with the decision authored by Judge Jordan. (ECF 29-1.) It bears the docket number 18-13694. (Id.) “Varghese” discusses the Montreal Convention’s limitations period and the purported tolling effects of the automatic federal bankruptcy stay, 11 U.S.C. § 362(a). (ECF 29-1.)

26. The Clerk of the United States Court of Appeals for the Eleventh Circuit has confirmed that the decision is not an authentic ruling of the Court and that no party by the name of “Vargese” or “Varghese” has been party to a proceeding in the Court since the

⁷ Judge Higginbotham is a Senior Judge of the United States Court of Appeals for the Fifth Circuit, not the Eleventh Circuit. Judges Jordan and Rosenbaum sit on the Eleventh Circuit.

institution of its electronic case filing system in 2010. A copy of the fake “Varghese” opinion is attached as Appendix A.

27. The “Varghese” decision shows stylistic and reasoning flaws that do not generally appear in decisions issued by United States Courts of Appeals. Its legal analysis is gibberish. It references a claim for the wrongful death of George Scaria Varghese brought by Susan Varghese. (Id.) It then describes the claims of a plaintiff named Anish Varghese who, due to airline overbooking, was denied boarding on a flight from Bangkok to New York that had a layover in Guangzhou, China. (Id.) The summary of the case’s procedural history is difficult to follow and borders on nonsensical, including an abrupt mention of arbitration and a reference to plaintiff’s decision to file for Chapter 7 bankruptcy as a tactical response to the district court’s dismissal of his complaint. (Id.) Without explanation, “Varghese” later references the plaintiff’s Chapter 13 bankruptcy proceeding. (Id.) The “Varghese” defendant is also said to have filed for bankruptcy protection in China, also triggering a stay of proceedings. (Id.) Quotation marks are often unpaired. The “Varghese” decision abruptly ends without a conclusion.

28. The “Varghese” decision bears the docket number 18-13694, which is associated with the case George Cornea v. U.S. Attorney General, et al. The Federal Reporter citation for “Varghese” is associated with J.D. v Azar, 925 F.3d 1291 (D.C. Cir. 2019).

29. The “Varghese” decision includes internal citations and quotes from decisions that are themselves non-existent:

- a. It cites to “Holliday v. Atl. Capital Corp., 738 F.2d 1153 (11th Cir. 1984)”, which does not exist. The case appearing at that citation is Gibbs v. Maxwell House, 738 F.2d 1153 (11th Cir. 1984).

- b. It cites to “Gen. Wire Spring Co. v. O’Neal Steel, Inc., 556 F.2d 713, 716 (5th Cir. 1977)”, which does not exist. The case appearing at that citation is United States v. Clerkley, 556 F.2d 709 (4th Cir. 1977).
- c. It cites to “Hyatt v. N. Cent. Airlines, 92 F.3d 1074 (11th Cir. 1996)”, which does not exist. There are two brief orders appearing at 92 F.3d 1074 issued by the Eleventh Circuit in other cases.
- d. It cites to “Zaubrecher v. Transocean Offshore Deepwater Drilling, Inc., 772 F.3d 1278, 1283 (11th Cir. 2014)”, which does not exist. The case appearing at that citation is Witt v. Metropolitan Life Ins. Co., 772 F.3d 1269 (11th Cir. 2014).
- e. It cites to “Zicherman v. Korean Air Lines Co., 516 F.3d 1237, 1254 (11th Cir. 2008)”, which does not exist as cited. A Supreme Court decision with the same name, Zicherman v. Korean Air Lines Co., 516 U.S. 217 (1996), held that the Warsaw Convention does not permit a plaintiff to recover damages for loss of society resulting from the death of a relative, and did not discuss the federal bankruptcy stay. The Federal Reporter citation for “Zicherman” is for Miccosukee Tribe v. United States, 516 F.3d 1235 (11th Cir. 2008).
- f. It cites to “In re BDC 56 LLC, 330 B.R. 466, 471 (Bankr. D.N.H. 2005)”, which does not exist as cited. A Second Circuit decision with the same name, In re BDC 56 LLC, 330 F.3d 111 (2d Cir. 2003), did not discuss the federal bankruptcy stay. The case appearing at the Bankruptcy Reporter

citation is In re 652 West 160th LLC, 330 B.R. 455 (Bankr. S.D.N.Y. 2005).

- g. Other “decisions” cited in “Varghese” have correct names and citations but do not contain the language quoted or support the propositions for which they are offered. In re Rimstat, Ltd., 212 F.3d 1039 (7th Cir. 2000), is a decision relating to Rule 11 sanctions for attorney misconduct and does not discuss the federal bankruptcy stay. In re PPI Enterprises (U.S.), Inc., 324 F.3d 197 (3d Cir. 2003), does not discuss the federal bankruptcy stay, and is incorrectly identified as an opinion of the Second Circuit. Begier v. I.R.S., 496 U.S. 53 (1990), does not discuss the federal bankruptcy stay, and addresses whether a trustee in bankruptcy may recover certain payments made by the debtor to the Internal Revenue Service. Kaiser Steel Corp. v. W. S. Ranch Co., 391 U.S. 593 (1968) (per curiam), does not discuss the federal bankruptcy stay, and held that a federal proceeding should have been stayed pending the outcome of New Mexico state court proceedings relating to the interpretation of the state constitution. El Al Israel Airlines, Ltd. v. Tsui Yuan Tseng, 525 U.S. 155 (1999), does not contain the quoted language discussing the purpose of the Montreal Convention. In re Gandy, 299 F.3d 489 (5th Cir. 2002), affirmed a bankruptcy court’s denial of a motion to compel arbitration.

30. The April 25 Affidavit annexes a decision identified as “Miller v. United Airlines, Inc., 174 F.3d 366 (2d Cir. 1999).” (ECF 29-7.) As submitted, the “Miller” decision seems to be an excerpt from a longer decision and consists only of two introductory paragraphs.

(Id.) It bears the docket number 98-7926, and purports to be written by Judge Barrington D. Parker of the Second Circuit, with Judges Joseph McLaughlin and Dennis Jacobs also on the panel. (Id.) It abruptly ends with the phrase “Section 11 of the Bankruptcy Act of 1898”. (Id.)

31. “Miller” purports to apply the Warsaw Convention to a claim arising out of the real and tragic 1991 crash of United Airlines Flight 585, which was a domestic flight from Denver to Colorado Springs.⁸ “Miller” references a Chapter 11 bankruptcy petition filed by United Airlines on December 4, 1992. (Id.) There is no public record of any United Airlines bankruptcy proceeding in or around that time.⁹ (Id.) “Miller” identifies Alberto R. Gonzales, purportedly from the law firm of Curtis, Mallet-Prevost, Colt & Mosle LLP, as one of the attorneys for the defendant. (Id.) Alberto R. Gonzales is the name of the former United States Attorney General, who served from 2005 to 2007.¹⁰

32. The “Miller” decision does not exist. Second Circuit docket number 98-7926 is associated with the case Vitale v. First Fidelity, which was assigned to a panel consisting of Judges Richard Cardamone, Amalya Kearse and Chester Straub. The Federal Reporter citation for “Miller” is to Greenleaf v. Garlock, Inc., 174 F.3d 352 (3d Cir. 1999).

33. The April 25 Affidavit also annexes a decision identified as “Petersen v. Iran Air, 905 F. Supp. 2d 121 (D.D.C. 2012)”, which bears an additional citation to 2012 U.S. Dist. LEXIS 17409. (ECF 29-3.) It is identified as a decision by Judge Reggie B. Walton and has the docket number 10-0542. (Id.) “Petersen” appears to confuse the District of Columbia

⁸ See National Transportation Safety Board, “Aircraft Accident Report: Uncontrolled Descent and Collision With Terrain, United Airlines Flight 585,” <https://www.ntsb.gov/investigations/AccidentReports/Reports/AAR0101.pdf> (last accessed June 21, 2023).

⁹ It appears that United Airlines filed for Chapter 11 bankruptcy protection in 2002. See Edward Wong, “Airline Shock Waves: The Overview; Bankruptcy Case Is Filed by United,” N.Y. Times, Dec. 10, 2002, Sec. A p. 1, <https://www.nytimes.com/2002/12/10/business/airline-shock-waves-the-overview-bankruptcy-case-is-filed-by-united.html> (last accessed June 21, 2023).

¹⁰ See, e.g., <https://georgewbush-whitehouse.archives.gov/government/gonzales-bio.html> (last accessed June 21, 2023).

with the state of Washington. (Id. (“Therefore, Petersen’s argument that the state courts of Washington have concurrent jurisdiction is unavailing.”).) As support for its legal conclusion, “Petersen” cites itself as precedent: ““Therefore, the Court has concurrent jurisdiction with any other court that may have jurisdiction under applicable law, including any foreign court.’ (Petersen v. Iran Air, 905 F. Supp. 2d 121, 126 (D.D.C. 2012))”. (ECF 29-3.)

34. The “Petersen” decision does not exist. Docket number 10-cv-542 (D.D.C.) is associated with the case Cummins-Allison Corp. v. Kappos, which was before Judge Ellen S. Huvelle. The Federal Supplement citation is to United States v. ISS Marine Services, 905 F. Supp. 2d 121 (D.D.C. 2012), a decision by Judge Beryl A. Howell. The Lexis citation is to United States v. Baker, 2012 U.S. Dist. LEXIS 17409 (W.D. Mich. Feb. 13, 2012), in which Judge Janet T. Neff adopted the Report and Recommendation of a Magistrate Judge.

35. The “Shaboon”, “Martinez” and “Durden” decisions contain similar deficiencies.

36. Respondents have now acknowledged that the “Varghese”, “Miller”, “Petersen”, “Shaboon”, “Martinez” and “Durden” decisions were generated by ChatGPT and do not exist. (See, e.g., ECF 32, 32-1.)

37. Mr. Schwartz has endeavored to explain why he turned to ChatGPT for legal research. The Levidow Firm primarily practices in New York state courts. (Schwartz June 6 Decl. ¶ 10; Tr. 45.) It uses a legal research service called Fastcase and does not maintain Westlaw or LexisNexis accounts. (Tr. 22-23.) When Mr. Schwartz began to research the Montreal Convention, the firm’s Fastcase account had limited access to federal cases. (Schwartz June 6 Decl. ¶ 12; Tr. 24.) “And it had occurred to me that I heard about this new site which I assumed -- I falsely assumed was like a super search engine called ChatGPT, and that’s what I

used.” (Tr. 24; see also Schwartz June 6 Decl. ¶ 15.) Mr. Schwartz had not previously used ChatGPT and became aware of it through press reports and conversations with family members. (Schwartz June 6 Decl. ¶ 14.)

38. Mr. Schwartz testified that he began by querying ChatGPT for broad legal guidance and then narrowed his questions to cases that supported the argument that the federal bankruptcy stay tolled the limitations period for a claim under the Montreal Convention. (Tr. 25-27.) ChatGPT generated summaries or excerpts but not full “opinions.” (Tr. 27 & ECF 46-1; Schwartz June 6 Decl. ¶ 19.)

39. The June 6 Schwartz Declaration annexes the history of Mr. Schwartz’s prompts to ChatGPT and the chatbot’s responses. (ECF 46-1.) His first prompt stated, “argue that the statute of limitations is tolled by bankruptcy of defendant pursuant to montreal convention”. (Id. at 2.) ChatGPT responded with broad descriptions of the Montreal Convention, statutes of limitations and the federal bankruptcy stay, advised that “[t]he answer to this question depends on the laws of the country in which the lawsuit is filed”¹¹ and then stated that the statute of limitations under the Montreal Convention is tolled by a bankruptcy filing. (Id. at 2-3.) ChatGPT did not cite case law to support these statements. Mr. Schwartz then entered various prompts that caused ChatGPT to generate descriptions of fake cases, including “provide case law in support that statute of limitations is tolled by bankruptcy of defendant under montreal convention”, “show me specific holdings in federal cases where the statute of limitations was tolled due to bankruptcy of the airline”, “show me more cases” and “give me some cases where te [sic] montreal convention allowed tolling of the statute of limitations due to bankruptcy”. (Id.

¹¹ In fact, courts have generally held that the Montreal Convention seeks to create uniformity in the limitations periods enforced across its signatory countries. See, e.g., Ireland v. AMR Corp., 20 F. Supp. 3d 341, 347 (E.D.N.Y. 2014) (citing Fishman v. Delta Air Lines, Inc., 132 F.3d 138, 144 (2d Cir. 1998)).

at 2, 10, 11.) When directed to “provide case law”, “show me specific holdings”, “show me more cases” and “give me some cases”, the chatbot complied by making them up.

40. At the time that he prepared the Affirmation in Opposition, Mr. Schwartz did not have the full text of any “decision” generated by ChatGPT. (Tr. 27.) He cited and quoted only from excerpts generated by the chatbot. (Tr. 27.)

41. In his affidavit filed on May 25, Mr. Schwartz stated that he relied on ChatGPT “to supplement the legal research performed.” (ECF 32-1 ¶ 6; emphasis added.) He also stated that he “greatly regrets having utilized generative artificial intelligence to supplement the legal research performed herein” (Id. ¶ 13; emphasis added.) But at the hearing, Mr. Schwartz acknowledged that ChatGPT was not used to “supplement” his research:

THE COURT: Let me ask you, did you do any other research in opposition to the motion to dismiss other than through ChatGPT?

MR. SCHWARTZ: Other than initially going to Fastcase and failing there, no.

THE COURT: You found nothing on Fastcase.

MR. SCHWARTZ: Fastcase was insufficient as to being able to access, so, no, I did not.

THE COURT: You did not find anything on Fastcase?

MR. SCHWARTZ: No.

THE COURT: In your declaration in response to the order to show cause, didn't you tell me that you used ChatGPT to supplement your research?

MR. SCHWARTZ: Yes.

THE COURT: Well, what research was it supplementing?

MR. SCHWARTZ: Well, I had gone to Fastcase, and I was able to authenticate two of the cases through Fastcase that ChatGPT had given me. That was it.

THE COURT: But ChatGPT was not supplementing your research. It was your research, correct?

MR. SCHWARTZ: Correct. It became my last resort. So I guess that's correct.

(Tr. 37-38.) Mr. Schwartz's statement in his May 25 affidavit that ChatGPT "supplemented" his research was a misleading attempt to mitigate his actions by creating the false impression that he had done other, meaningful research on the issue and did not rely exclusive on an AI chatbot, when, in truth and in fact, it was the only source of his substantive arguments.¹² These misleading statements support the Court's finding of subjective bad faith.

42. Following receipt of the April 25 Affirmation, the Court issued an Order dated May 4, 2023 directing Mr. LoDuca to show cause why he ought not be sanctioned pursuant to: (1) Rule 11(b)(2) & (c), Fed. R. Civ. P., (2) 28 U.S.C. § 1927, and (3) the inherent power of the Court, for (A) citing non-existent cases to the Court in his Affirmation in Opposition, and (B) submitting to the Court annexed to April 25 Affidavit copies of non-existent judicial opinions. (ECF 31.) It directed Mr. LoDuca to file a written response and scheduled a show-cause hearing for 12 p.m. on June 8, 2023. (*Id.*) Mr. LoDuca submitted an affidavit in response, which also annexed an affidavit from Mr. Schwartz. (ECF 32, 32-1.)

43. Mr. Schwartz made the highly dubious claim that, before he saw the first Order to Show Cause of May 4, he "still could not fathom that ChatGPT could produce multiple fictitious cases" (Schwartz June 6 Decl. ¶ 30.) He states that when he read the Order of May 4, "I realized that I must have made a serious error and that there must be a major flaw with

¹² Cf. Lewis Carroll, *Alice's Adventures in Wonderland*, 79 (Puffin Books ed. 2015) (1865):

"Take some more tea," the March Hare said to Alice, very earnestly.

"I've had nothing yet," Alice replied in an offended tone, "so I can't take more."

"You mean you can't take *less*," said the Hatter: "it's very easy to take *more* than nothing."

the search aspects of the ChatGPT program.” (Schwartz June 6 Decl. ¶ 29.) The Court rejects Mr. Schwartz’s claim because (a) he acknowledges reading Avianca’s brief claiming that the cases did not exist and could not be found (Tr. 31-33); (b) concluded that the Court could not locate the cases when he read the April 11 and 12 Orders (Tr. 36-37); (c) had looked for “Varghese” and could not find it (Tr. 28); and (d) had been “unable to locate” “Zicherman” after the Court ordered its submission (Apr. 25 Aff’t ¶ 3).

44. The Schwartz Affidavit of May 25 contained the first acknowledgement from any Respondent that the Affirmation in Opposition cited to and quoted from bogus cases generated by ChatGPT. (ECF 32-1.)

45. The Schwartz Affidavit of May 25 included screenshots taken from a smartphone in which Mr. Schwartz questioned ChatGPT about the reliability of its work (e.g., “Is Varghese a real case” and “Are the other cases you provided fake”). (ECF 32-1.) ChatGPT responded that it had supplied “real” authorities that could be found through Westlaw, LexisNexis and the Federal Reporter. (Id.) The screenshots are annexed as Appendix B to this Opinion and Order.

46. When those screenshots were submitted as exhibits to Mr. Schwartz’s affidavit of May 25, he stated: “[T]he citations and opinions in question were provided by Chat GPT which also provided its legal source and assured the reliability of its content. Excerpts from the queries presented and responses provided are attached hereto.” (Schwartz May 25 Aff’t ¶ 8.) This is an assertion by Mr. Schwartz that he was misled by ChatGPT into believing that it had provided him with actual judicial decisions. While no date is given for the queries, the declaration strongly suggested that he questioned whether “Varghese” was “real” prior to either the March 1 Affirmation in Opposition or the April 25 Affidavit.

47. But Mr. Schwartz's declaration of June 6 offers a different explanation and interpretation, and asserts that those same ChatGPT answers confirmed his by-then-growing suspicions that the chatbot had been responding "without regard for the truth of the answers it was providing":

Before the First OSC, however, I still could not fathom that ChatGPT could produce multiple fictitious cases, all of which had various indicia of reliability such as case captions, the names of the judges from the correct locations, and detailed fact patterns and legal analysis that sounded authentic. The First OSC caused me to have doubts. As a result, I asked ChatGPT directly whether one of the cases it cited, "*Varghese v. China Southern Airlines Co. Ltd.*, 925 F.3d 1339 (11th Cir. 2009)," was a real case. Based on what I was beginning to realize about ChatGPT, I highly suspected that it was not. However, ChatGPT again responded that Varghese "does indeed exist" and even told me that it was available on Westlaw and LexisNexis, contrary to what the Court and defendant's counsel were saying. This confirmed my suspicion that ChatGPT was not providing accurate information and was instead simply responding to language prompts without regard for the truth of the answers it was providing. However, by this time the cases had already been cited in our opposition papers and provided to the Court.

(Schwartz June 6 Decl. ¶ 30; emphasis added.) These shifting and contradictory explanations, submitted even after the Court raised the possibility of Rule 11 sanctions, undermine the credibility of Mr. Schwartz and support a finding of subjective bad faith.

48. On May 26, 2023, the Court issued a supplemental Order directing Mr. Schwartz to show cause at the June 8 hearing why he ought not be sanctioned pursuant to Rule 11(b)(2) and (c), 28 U.S.C. § 1927 and the Court's inherent powers for aiding and causing the citation of non-existent cases in the Affirmation in Opposition, the submission of non-existent judicial opinions annexed to the April 25 Affidavit and the use of a false and fraudulent notarization in the April 25 Affidavit. (ECF 31.) The same Order directed the Levidow Firm to also show cause why it ought not be sanctioned and directed Mr. LoDuca to show cause why he

ought not be sanctioned for the use of a false or fraudulent notarization in the April 25 Affidavit. (Id.) The Order also directed the Respondents to file written responses. (Id.)

49. Counsel thereafter filed notices of appearance on behalf of Mr. Schwartz and the Levidow Firm, and, separately, on behalf of Mr. LoDuca. (ECF 34-36, 39-40.) Messrs. LoDuca and Schwartz filed supplemental declarations on June 6. (ECF 44-1, 46.) Thomas R. Corvino, who describes himself as the sole equity partner of the Levidow Firm, also filed a declaration. (ECF 47.)

50. On June 8, 2023, the Court held a sanctions hearing on the Order to Show Cause and the supplemental Order to Show Cause. After being placed under oath, Messrs. LoDuca and Schwartz responded to questioning from the Court and delivered prepared statements in which they expressed their remorse. Mr. Corvino, a member of the Levidow Firm, also delivered a statement.

51. At no time has any Respondent written to this Court seeking to withdraw the March 1 Affirmation in Opposition or advise the Court that it may no longer rely upon it.

CONCLUSIONS OF LAW

1. Rule 11(b)(2) states: “By presenting to the court a pleading, written motion, or other paper—whether by signing, filing, submitting, or later advocating it—an attorney or unrepresented party certifies that to the best of the person’s knowledge, information, and belief, formed after an inquiry reasonable under the circumstances: . . . the claims, defenses, and other legal contentions are warranted by existing law or by a nonfrivolous argument for extending, modifying, or reversing existing law or for establishing new law”

2. “Under Rule 11, a court may sanction an attorney for, among other things, misrepresenting facts or making frivolous legal arguments.” Muhammad v. Walmart Stores East, L.P., 732 F.3d 104, 108 (2d Cir. 2013) (per curiam).

3. A legal argument may be sanctioned as frivolous when it amounts to an “abuse of the adversary system” Salovaara v. Eckert, 222 F.3d 19, 34 (2d Cir. 2000) (quoting Mareno v. Rowe, 910 F.2d 1043, 1047 (2d Cir. 1990)). “Merely incorrect legal statements are not sanctionable under Rule 11(b)(2).” Storey v. Cello Holdings, L.L.C., 347 F.3d 370, 391 (2d Cir. 2003). “The fact that a legal theory is a long-shot does not necessarily mean it is sanctionable.” Fishoff v. Coty Inc., 634 F.3d 647, 654 (2d Cir. 2011). A legal contention is frivolous because it has “no chance of success” and there “is no reasonable argument to extend, modify or reverse the law as it stands.” Id. (quotation marks omitted).

4. An attorney violates Rule 11(b)(2) if existing caselaw unambiguously forecloses a legal argument. See Star Mark Mgmt., Inc. v. Koon Chun Hing Kee Soy & Sauce Factory, Ltd., 682 F.3d 170, 178 (2d Cir. 2012) (affirming Rule 11(b)(2) sanction for frivolous claims where plaintiff’s trademark claims “clearly lacked foundation”) (per curiam); Simon DeBartolo Grp., L.P. v. Richard E. Jacobs Grp., Inc., 186 F.3d 157, 176 (2d Cir. 1999) (affirming Rule 11(b)(2) sanction where no authority supported plaintiff’s theory of liability under SEC Rule 10b-13).

5. The filing of papers “without taking the necessary care in their preparation” is an “abuse of the judicial system” that is subject to Rule 11 sanction. Cooter & Gell v. Hartmax Corp., 496 U.S. 384, 398 (1990). Rule 11 creates an “incentive to stop, think and investigate more carefully before serving and filing papers.” Id. (quotation marks omitted). “Rule 11 ‘explicitly and unambiguously imposes an affirmative duty on each attorney to conduct

a reasonable inquiry into the viability of a pleading before it is signed.” AJ Energy LLC v. Woori Bank, 829 Fed. App’x 533, 535 (2d Cir. 2020) (summary order) (quoting Gutierrez v. Fox, 141 F.3d 425, 427 (2d Cir. 1998)).

6. Rule 3.3(a)(1) of the New York Rules of Professional Conduct, 22 N.Y.C.R.R. § 1200.0, states: “A lawyer shall not knowingly make a false statement of fact or law to a tribunal or fail to correct a false statement of material fact or law previously made to the tribunal by the lawyer” A lawyer may make a false statement of law where he “liberally us[ed] ellipses” in order to “change” or “misrepresent” a court’s holding. United States v. Fernandez, 516 Fed. App’x 34, 36 & n.2 (2d Cir. 2013) (admonishing but not sanctioning attorney for his “editorial license” and noting his affirmative obligation to correct false statements of law) (summary order); see also United States v. Salameh, 1993 WL 168568, at *2-3 & n.1 (S.D.N.Y. May 18, 1993) (admonishing but not sanctioning attorney for failing to disclose that the sole decision cited in support of a legal argument was vacated on appeal) (Duffy, J.).

7. It is a crime to knowingly forge the signature of a United States judge or the seal of a federal court. 18 U.S.C. § 505.¹³ Writing for the panel, then-Judge Sotomayor explained that “[section] 505 is concerned . . . with protecting the integrity of a government function – namely, federal judicial proceedings.” United States v. Reich, 479 F.3d 179, 188 (2d Cir. 2007). “When an individual forges a judge’s signature in order to pass off a false document

¹³ The statute states: “Whoever forges the signature of any judge, register, or other officer of any court of the United States, or of any Territory thereof, or forges or counterfeits the seal of any such court, or knowingly concurs in using any such forged or counterfeit signature or seal, for the purpose of authenticating any proceeding or document, or tenders in evidence any such proceeding or document with a false or counterfeit signature of any such judge, register, or other officer, or a false or counterfeit seal of the court, subscribed or attached thereto, knowing such signature or seal to be false or counterfeit, shall be fined under this title or imprisoned not more than five years, or both.” 18 U.S.C. § 505.

as an authentic one issued by the courts of the United States, such conduct implicates the interests protected by § 505 whether or not the actor intends to deprive another of money or property.” Id. Reich affirmed the jury’s guilty verdict against an attorney-defendant who drafted and circulated a forged Order that was purported to be signed by a magistrate judge, which prompted his adversary to withdraw an application pending before the Second Circuit. Id. at 182-83, 189-90; see also United States v. Davalos, 2008 WL 4642109 (S.D.N.Y. Oct. 20, 2008) (sentencing defendant to 15 months’ imprisonment for the use of counterfeit Orders containing forged signatures of Second Circuit judges) (Sweet, J.).

8. The fake opinions cited and submitted by Respondents do not include any signature or seal, and the Court therefore concludes that Respondents did not violate section 505. The Court notes, however, that the citation and submission of fake opinions raises similar concerns to those described in Reich.

9. The Court has described Respondents’ submission of fake cases as an unprecedented circumstance. (ECF 31 at 1.) A fake opinion is not “existing law” and citation to a fake opinion does not provide a non-frivolous ground for extending, modifying, or reversing existing law, or for establishing new law.¹⁴ An attempt to persuade a court or oppose an adversary by relying on fake opinions is an abuse of the adversary system. Salovaara, 222 F.3d at 34.

10. An attorney’s compliance with Rule 11(b)(2) is not assessed solely at the moment that the paper is submitted. The 1993 amendments to Rule 11 added language that certifies an attorney’s Rule 11 obligation continues when “later advocating” a legal contention

¹⁴ To the extent that the Affirmation in Opposition cited existing authorities, those decisions did not support the propositions for which they were offered, with the exception of Ashcroft v. Iqbal, 556 U.S. 662 (2009), and, in part, Doe v. United States, 419 F.3d 1058 (9th Cir. 2005).

first made in a written filing covered by the Rule. Thus, “a litigant’s obligations with respect to the contents of these papers are not measured solely as of the time they are filed with or submitted to the court, but include reaffirming to the court and advocating positions contained in those pleadings and motions after learning that they cease to have any merit.” Rule 11, advisory committee’s note to 1993 amendment. The failure to correct a prior statement in a pending motion is the later advocacy of that statement and is subject to sanctions. Galin v. Hamada, 283 F. Supp. 3d 189, 202 (S.D.N.Y. 2017) (“[A] court may impose sanctions on a party for refusing to withdraw an allegation or claim even after it is shown to be inaccurate.”) (Furman, J.) (internal quotation marks, alterations, and citation omitted); Bressler v. Liebman, 1997 WL 466553, at *8 (S.D.N.Y. Aug. 14, 1997) (an attorney was potentially liable under Rule 11 when he “continued to press the claims . . . in conferences after information provided by opposing counsel and analysis by the court indicated the questionable merit of those claims.”) (Preska, J.).

11. Rule 11(c)(3) states: “On its own, the court may order an attorney, law firm, or party to show cause why conduct specifically described in the order has not violated Rule 11(b).” “If, after notice and a reasonable opportunity to respond, the court determines that Rule 11(b) has been violated, the court may impose an appropriate sanction on any attorney, law firm, or party that violated the rule or is responsible for the violation. Absent exceptional circumstances, a law firm must be held jointly responsible for a violation committed by its partner, associate, or employee.” Rule 11(c)(1).

12. Any Rule 11 sanction should be “made with restraint” because in exercising sanctions powers, a trial court may be acting “as accuser, fact finder and sentencing judge.” Storey v. Cello Holdings, L.L.C., 347 F.3d 370, 387 (2d Cir. 2003) (quotation marks and citations omitted). Sanctions should not be imposed “for minor, inconsequential violations of the

standards prescribed by subdivision (b).” Rule 11, advisory committee’s note to 1993 amendment.

13. Mr. Schwartz is not admitted to practice in this District and did not file a notice of appearance. However, Rule 11(c)(1) permits a court to “impose an appropriate sanction on any attorney . . . that violated the rule or is responsible for the violation.” The Court has authority to impose an appropriate sanction on Mr. Schwartz for a Rule 11 violation.

14. When, as here, a court considers whether to impose sanctions sua sponte, it “is akin to the court’s inherent power of contempt,” and, “like contempt, sua sponte sanctions in those circumstances should issue only upon a finding of subjective bad faith.” Muhammad, 732 F.3d at 108. By contrast, where an adversary initiates sanctions proceedings under Rule 11(c)(2), the attorney may take advantage of that Rule’s 21-day safe harbor provision and withdraw or correct the challenged filing, in which case sanctions may issue if the attorney’s statement was objectively unreasonable. Muhammad, 732 F.3d at 108; In re Pennie & Edmonds LLP, 323 F.3d 86, 90 (2d Cir. 2003). Subjective bad faith is “a heightened mens rea standard” that is intended to permit zealous advocacy while deterring improper submissions. Id. at 91.

15. A finding of bad faith is also required for a court to sanction an attorney pursuant to its inherent power. See, e.g., United States v. Int’l Bhd. of Teamsters, Chauffeurs, Warehousemen & Helpers of Am., AFL-CIO, 948 F.2d 1338, 1345 (2d Cir. 1991). “Because of their very potency, inherent powers must be exercised with restraint and discretion. A primary aspect of that discretion is the ability to fashion an appropriate sanction for conduct which abuses the judicial process.” Chambers v. NASCO, Inc., 501 U.S. 32, 44-45 (1991) (internal citation omitted).

16. “[B]ad faith may be inferred where the action is completely without merit.” In re 60 E. 80th St. Equities, Inc., 218 F.3d 109, 116 (2d Cir. 2000). Any notice or warning provided to the attorney is relevant to a finding of bad faith. See id. (“Here, not only were the claims meritless, but [appellant] was warned of their frivolity by the Bankruptcy Court before he filed the appeal to the District Court.”).

17. The Second Circuit has most often discussed subjective bad faith in the context of false factual statements and not unwarranted or frivolous legal arguments. Subjective bad faith includes the knowing and intentional submission of a false statement of fact. See, e.g., Rankin v. City of Niagara Falls, Dep’t of Public Works, 569 Fed. App’x 25 (2d Cir. 2014) (affirming Rule 11 sanctions on attorney who obtained extensions by falsely claiming that the submission of a “substantive” summary judgment filing had been delayed by heavy workload) (summary order). An attorney acts in subjective bad faith by offering “essential” facts that explicitly or impliedly “run contrary to statements” that the attorney made on behalf of the same client in other proceedings. Revellino & Byzcek, LLP v. Port Authority of N.Y. & N.J., 682 Fed. App’x 73, 75-76 (2d Cir. 2017) (affirming Rule 11 sanctions where allegations in a federal civil rights complaint misleadingly omitted key facts asserted by the same attorney on behalf of the same client in a related state criminal proceeding) (summary order).

18. An assertion may be made in subjective bad faith even when it was based in confusion. United States ex rel. Hayes v. Allstate Ins. Co., 686 Fed. App’x 23, 28 (2d Cir. 2017) (“[C]onfusion about corporate complexities would not justify falsely purporting to have personal knowledge as to more than sixty defendants’ involvement in wrongdoing.”) (summary order). A false statement of knowledge can constitute subjective bad faith where the speaker “knew that he had no such knowledge” Id. at 27 (quoting United States ex rel. Hayes v.

Allstate Ins. Co., 2014 WL 10748104, at *6 (W.D.N.Y. Oct. 16, 2014), R & R adopted, 2016 WL 463732 (W.D.N.Y. Feb. 8, 2016)).

19. “Evidence that would satisfy the knowledge standard in a criminal case ought to be sufficient in a sanctions motion and, thus, knowledge may be proven by circumstantial evidence and conscious avoidance may be the equivalent of knowledge.” Cardona v. Mohabir, 2014 WL 1804793, at *3 (S.D.N.Y. May 6, 2014) (citing United States v. Svoboda, 347 F.3d 471, 477-79 (2d Cir. 2003)); accord Estevez v. Berkeley College, 2022 WL 17177971, at *1 (S.D.N.Y. Nov. 23, 2022) (“[R]equisite actual knowledge may be demonstrated by circumstantial evidence and inferred from conscious avoidance.”) (Seibel, J.) (quotation marks omitted). The conscious avoidance test is met when a person “consciously avoided learning [a] fact while aware of a high probability of its existence, unless the factfinder is persuaded that the [person] actually believed the contrary.” United States v. Finkelstein, 229 F.3d 90, 95 (2d Cir. 2000) (internal citations omitted). “The rationale for imputing knowledge in such circumstances is that one who deliberately avoided knowing the wrongful nature of his conduct is as culpable as one who knew.” Id. It requires more than being “merely negligent, foolish or mistaken,” and the person must be “aware of a high probability of the fact in dispute and consciously avoided confirming that fact.” Svoboda, 347 F.3d at 481-82 (quotation marks and brackets omitted).

20. Respondents point to the Report and Recommendation of Magistrate Judge Freeman, as adopted by Judge McMahon, in Braun ex rel. Advanced Battery Techs., Inc. v. Zhiguo Fu, 2015 WL 4389893, at *19 (S.D.N.Y. July 10, 2015), which declined to sanction a law firm associate who drafted and signed a complaint that falsely alleged that the plaintiff in a shareholder derivative suit was a shareholder of the nominal defendant. That attorney acted in

reliance on the plaintiff's signed verification of the complaint, partner communications with the plaintiff, and contents of law firm files that appeared to contain false information. Id. at *5-6, 19. Braun concluded that this attorney did not act with subjective bad faith by innocently relying on the mistruths of others. Id. at *19. There is no suggestion in Braun that this attorney had a reason to know or suspect that he was relying on falsehoods or misinformation.

21. Here, Respondents advocated for the fake cases and legal arguments contained in the Affirmation in Opposition after being informed by their adversary's submission that their citations were non-existent and could not be found. (Findings of Fact ¶¶ 7, 11.) Mr. Schwartz understood that the Court had not been able to locate the fake cases. (Findings of Fact ¶ 15.) Mr. LoDuca, the only attorney of record, consciously avoided learning the facts by neither reading the Avianca submission when received nor after receiving the Court's Orders of April 11 and 12. Respondents' circumstances are not similar to those of the attorney in Braun.

22. "In considering Rule 11 sanctions, the knowledge and conduct of each respondent lawyer must be separately assessed and principles of imputation of knowledge do not apply." Weddington v. Sentry Indus., Inc., 2020 WL 264431, at *7 (S.D.N.Y. Jan. 17, 2020).

23. The Court concludes that Mr. LoDuca acted with subjective bad faith in violating Rule 11 in the following respects:

a. Mr. LoDuca violated Rule 11 in not reading a single case cited in his March 1 Affirmation in Opposition and taking no other steps on his own to check whether any aspect of the assertions of law were warranted by existing law. An inadequate or inattentive "inquiry" may be unreasonable under the circumstances. But signing and filing that affirmation after making no "inquiry" was an act of subjective bad faith. This is especially so because he knew of Mr. Schwartz's lack of familiarity with federal law, the Montreal Convention and

bankruptcy stays, and the limitations of research tools made available by the law firm with which he and Mr. Schwartz were associated.

b. Mr. LoDuca violated Rule 11 in swearing to the truth of the April 25 Affidavit with no basis for doing so. While an inadequate inquiry may not suggest bad faith, the absence of any inquiry supports a finding of bad faith. Mr. Schwartz walked into his office, presented him with an affidavit that he had never seen in draft form, and Mr. LoDuca read it and signed it under oath. A cursory review of his own affidavit would have revealed that (1) “Zicherman v. Korean Air Lines Co., Ltd., 516 F.3d 1237 (11th Cir. 2008)” could not be found, (2) many of the cases were excerpts and not full cases and (3) reading only the opening passages of, for example, “Varghese”, would have revealed that it was internally inconsistent and nonsensical.

c. Further, the Court directed Mr. LoDuca to submit the April 25 Affidavit and Mr. LoDuca lied to the Court when seeking an extension, claiming that he, Mr. LoDuca, was going on vacation when, in truth and in fact, Mr. Schwartz, the true author of the April 25 Affidavit, was the one going on vacation. This is evidence of Mr. LoDuca’s bad faith.

24. The Court concludes that Mr. Schwartz acted with subjective bad faith in violating Rule 11 in the following respects:

a. Mr. Schwartz violated Rule 11 in connection with the April 25 Affidavit because, as he testified at the hearing, when he looked for “Varghese” he “couldn’t find it,” yet did not reveal this in the April 25 Affidavit. He also offered no explanation for his inability to find “Zicherman”. Poor and sloppy research would merely have been objectively unreasonable. But Mr. Schwartz was aware of facts that alerted him to the high probability that “Varghese” and “Zicherman” did not exist and consciously avoided confirming that fact.

b. Mr. Schwartz's subjective bad faith is further supported by the untruthful assertion that ChatGPT was merely a "supplement" to his research, his conflicting accounts about his queries to ChatGPT as to whether "Varghese" is a "real" case, and the failure to disclose reliance on ChatGPT in the April 25 Affidavit.

25. The Levidow Firm is jointly and severally liable for the Rule 11(b)(2) violations of Mr. LoDuca and Mr. Schwartz. Rule 11(c)(1) provides that "[a]bsent exceptional circumstances, a law firm must be held jointly responsible for a violation committed by its partner, associate, or employee." The Levidow Firm has not pointed to exceptional circumstances that warrant a departure from Rule 11(c)(1). Mr. Corvino has acknowledged responsibility, identified remedial measures taken by the Levidow Firm, including an expanded Fastcase subscription and CLE programming, and expressed his regret for Respondents' submissions. (Corvino Decl. ¶¶ 10-15; Tr. 44-47.)

26. The Court declines to separately impose any sanction pursuant to 28 U.S.C. § 1927, which provides for a sanction against any attorney "who so multiplies the proceedings in any case unreasonably and vexatiously" "By its terms, § 1927 looks to unreasonable and vexatious multiplications of proceedings; and it imposes an obligation on attorneys throughout the entire litigation to avoid dilatory tactics. The purpose of this statute is to deter unnecessary delays in litigation." Int'l Bhd. of Teamsters, 948 F.2d at 1345 (internal citations and quotation marks omitted). Respondents' reliance on fake cases has caused several harms but dilatory tactics and delay were not among them.

27. Each of the Respondents is sanctioned under Rule 11 and, alternatively, under the inherent power of this Court.

28. A Rule 11 sanction should advance both specific and general deterrence. Cooter & Gell, 496 U.S. at 404. “A sanction imposed under [Rule 11] must be limited to what suffices to deter repetition of the conduct or comparable conduct by others similarly situated. The sanction may include nonmonetary directives; an order to pay a penalty into court; or, if imposed on motion and warranted for effective deterrence, an order directing payment to the movant of part or all of the reasonable attorney’s fees and other expenses directly resulting from the violation.” Rule 11(c)(4). “The court has available a variety of possible sanctions to impose for violations, such as striking the offending paper; issuing an admonition, reprimand, or censure; requiring participation in seminars or other educational programs; ordering a fine payable to the court; referring the matter to disciplinary authorities (or, in the case of government attorneys, to the Attorney General, Inspector General, or agency head), etc.” Rule 11, advisory committee’s note to 1993 amendment.

29. “[B]ecause the purpose of imposing Rule 11 sanctions is deterrence, a court should impose the least severe sanctions necessary to achieve the goal.” (RC) 2 Pharma Connect, LLC v. Mission Pharmacal Co., 2023 WL 112552, at *3 (S.D.N.Y. Jan. 4, 2023) (Liman, J.) (quoting Schottenstein v. Schottenstein, 2005 WL 912017, at *2 (S.D.N.Y. Apr. 18, 2005)). “[T]he Court has ‘wide discretion’ to craft an appropriate sanction, and may consider the effects on the parties and the full knowledge of the relevant facts gained during the sanctions hearing.” Heaston v. City of New York, 2022 WL 182069, at *9 (E.D.N.Y. Jan. 20, 2022) (Chen, J.) (quoting Oliveri v. Thompson, 803 F.2d 1265, 1280 (2d Cir. 1986)).

30. The Court has considered the specific circumstances of this case. The Levidow Firm has arranged for outside counsel to conduct a mandatory Continuing Legal Education program on technological competence and artificial intelligence programs. (Corvino

Decl. ¶ 14.) The Levidow Firm also intends to hold mandatory training for all lawyers and staff on notarization practices. (Corvino Decl. ¶ 15.) Imposing a sanction of further and additional mandatory education would be redundant.

31. Counsel for Avianca has not sought the reimbursement of attorneys' fees or expenses. Ordering the payment of opposing counsel's fees and expenses is not warranted.

32. In considering the need for specific deterrence, the Court has weighed the significant publicity generated by Respondents' actions. (See, e.g., Alger Decl. Ex. E.) The Court credits the sincerity of Respondents when they described their embarrassment and remorse. The fake cases were not submitted for any respondent's financial gain and were not done out of personal animus. Respondents do not have a history of disciplinary violations and there is a low likelihood that they will repeat the actions described herein.

33. There is a salutary purpose of placing the most directly affected persons on notice of Respondents' conduct. The Court will require Respondents to inform their client and the judges whose names were wrongfully invoked of the sanctions imposed. The Court will not require an apology from Respondents because a compelled apology is not a sincere apology. Any decision to apologize is left to Respondents.

34. An attorney may be required to pay a fine, or, in the words of Rule 11, a "penalty," to advance the interests of deterrence and not as punishment or compensation. See, e.g., Universitas Education, LLC v. Nova Grp., Inc., 784 F.3d 99, 103-04 (2d Cir. 2015). The Court concludes that a penalty of \$5,000 paid into the Registry of the Court is sufficient but not more than necessary to advance the goals of specific and general deterrence.

CONCLUSION

The Court Orders the following sanctions pursuant to Rule 11, or, alternatively, its inherent authority:

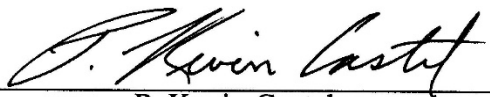
a. Within 14 days of this Order, Respondents shall send via first-class mail a letter individually addressed to plaintiff Roberto Mata that identifies and attaches this Opinion and Order, a transcript of the hearing of June 8, 2023 and a copy of the April 25 Affirmation, including its exhibits.

b. Within 14 days of this Order, Respondents shall send via first-class mail a letter individually addressed to each judge falsely identified as the author of the fake “Varghese”, “Shaboon”, “Petersen”, “Martinez”, “Durden” and “Miller” opinions. The letter shall identify and attach this Opinion and Order, a transcript of the hearing of June 8, 2023 and a copy of the April 25 Affirmation, including the fake “opinion” attributed to the recipient judge.

c. Within 14 days of this Opinion and Order, respondents shall file with this Court copies of the letters sent in compliance with (a) and (b).

d. A penalty of \$5,000 is jointly and severally imposed on Respondents and shall be paid into the Registry of this Court within 14 days of this Opinion and Order.

SO ORDERED.


P. Kevin Castel
United States District Judge

Dated: New York, New York
June 22, 2023

Appendix A

United States Court of Appeals,

Eleventh Circuit.

Susan Varghese, individually and as personal representative of the
Estate of George Scaria Varghese, deceased,
Plaintiff-Appellant,

v.

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China Southern Airlines Co Ltd,
Defendant-Appellee.

No. 18-13694



Before JORDAN, ROSENBAUM, and HIGGINBOTHAM, * Circuit Judges.

JORDAN, Circuit Judge:

Susan Varghese, individually and as personal representative of the Estate of George Scaria Varghese, deceased, appeals the district court's dismissal of her wrongful death claim against China Southern Airlines Co. Ltd. ("China Southern") under the Montreal Convention. Because the statute of limitations was tolled by the automatic stay of bankruptcy proceedings and the complaint was timely filed, we reverse and remand for further proceedings.

Factual background:

Anish Varghese ("Varghese"), a resident of Florida, purchased a round-trip airline ticket from China Southern Airlines Co Ltd ("China Southern") to travel from New York to Bangkok with a layover in Guangzhou, China. On the return leg of his journey, Varghese checked in at Bangkok for his flight to Guangzhou but was denied boarding due to overbooking. China Southern rebooked him on a later flight, which caused him to miss his connecting flight back to New York. As a result, Varghese was forced to purchase a new ticket to return home and incurred additional expenses.

Varghese filed a lawsuit against China Southern in the United States District Court for the Southern District of Florida, alleging breach of

contract, breach of the implied covenant of good faith and fair dealing, and violation of the Montreal Convention. China Southern moved to dismiss the complaint, arguing that the court lacked subject matter jurisdiction because Varghese's claims were preempted by the Montreal Convention and that Varghese failed to exhaust his administrative remedies with the Chinese aviation authorities. While the motion to dismiss was pending, China Southern filed for bankruptcy in China, which triggered an automatic stay of all proceedings against it. The district court subsequently dismissed Varghese's complaint without prejudice, noting that the automatic stay tolled the statute of limitations on his claims. Varghese appealed the dismissal to the Eleventh Circuit Court of Appeals.

"In response to the district court's dismissal of Varghese's complaint, Varghese filed a Chapter 7 bankruptcy petition. The bankruptcy court issued an automatic stay, which enjoined China Southern from continuing with the arbitration proceedings. The bankruptcy court later granted China Southern's motion to lift the stay, and Varghese filed a notice of appeal to this Court.

The automatic stay provision of the bankruptcy code "operates as an injunction against the continuation of any action against the debtor." *In re Rimsat, Ltd.*, 212 F.3d 1039, 1044 (7th Cir. 2000) (citing 11 U.S.C. § 362(a)(1)). Although the automatic stay provision does not specifically mention arbitration proceedings, the Eleventh Circuit has held that it applies to arbitration. See, e.g., *Holliday v. Atl. Capital Corp.*, 738 F.2d 1153, 1154 (11th Cir. 1984) ("The filing of a petition under Chapter 11 of the Bankruptcy Code operates as an automatic stay of all litigation and proceedings against the debtor-in-possession."); *Gen. Wire Spring Co. v. O'Neal Steel, Inc.*, 556 F.2d 713, 716 (5th Cir. 1977) ("The automatic stay of bankruptcy operates to prevent a creditor from continuing to arbitrate claims against the bankrupt."). In determining whether the automatic stay applies, the focus is on "the character of the proceeding, rather than the identity of the parties."

In re PPI Enters. (U.S.), Inc., 324 F.3d 197, 204 (2d Cir. 2003). Here, the arbitration proceedings against Varghese were proceedings "against the debtor," and the automatic stay applied."

"China Southern contends that the district court erred in ruling that the filing of Varghese's Chapter 13 petition tolled the two-year limitations period under the Montreal Convention. We review a district court's determination that a limitations period was tolled for abuse of discretion. *Hyatt v. N. Cent. Airlines, Inc.*, 92 F.3d 1074, 1077 (11th Cir. 1996).

China Southern argues that the Chapter 13 filing could not toll the Montreal Convention's limitations period because Varghese did not file a claim in bankruptcy. But, as the district court noted, the Eleventh Circuit has not yet addressed this issue, and the weight of authority from other circuits suggests that a debtor need not file a claim in bankruptcy to benefit from the automatic stay. See, e.g., *In re Gandy*, 299 F.3d 489, 495 (5th Cir. 2002); *In re BDC 56 LLC*, 330 B.R. 466, 471 (Bankr. D.N.H. 2005).

Moreover, the district court found that the automatic stay provision in Varghese's Chapter 13 petition tolled the limitations period under the Montreal Convention. We agree.

The Supreme Court has held that an automatic stay of a legal proceeding under the Bankruptcy Code tolls the limitations period applicable to the stayed proceeding. See, e.g., *Begier v. IRS*, 496 U.S. 53, 59-60, 110 S.Ct. 2258, 110 L.Ed.2d 46 (1990). The Montreal Convention's limitations period is a "period of prescription," rather than a "statute of limitations." See *Zaunbrecher v. Transocean Offshore Deepwater Drilling, Inc.*, 772 F.3d 1278, 1283 (11th Cir. 2014). But the difference between a "period of prescription" and a "statute of limitations" does not affect the automatic stay's tolling effect. See *id.* at 1283 n.3. Therefore, we hold that the filing of Varghese's Chapter 13 petition tolled the Montreal Convention's two-year limitations period, which did not begin to run until the automatic stay was lifted."

Appellants argue that the district court erred in dismissing their claims as untimely. They assert that the limitations period under the Montreal Convention was tolled during the pendency of the Bankruptcy Court proceedings. We agree.

The Bankruptcy Code provides that the filing of a bankruptcy petition operates as a stay of proceedings against the debtor that were or could have been commenced before the bankruptcy case was filed. 11 U.S.C. § 362(a). The tolling effect of the automatic stay on a statute of limitations is generally a matter of federal law. See *Kaiser Steel Corp. v. W.S. Ranch Co.*, 391 U.S. 593, 598, 88 S.Ct. 1753, 20 L.Ed.2d 835 (1968). We have previously held that the automatic stay provisions of the Bankruptcy Code may toll the statute of limitations under the Warsaw Convention, which is the precursor to the Montreal Convention. See *Zicherman v. Korean Air Lines Co., Ltd.*, 516 F.3d 1237, 1254 (11th Cir. 2008).

We see no reason why the same rule should not apply under the Montreal Convention. Congress enacted the Montreal Convention to 'modernize and unify the Warsaw Convention system by establishing new and uniform rules governing the international carriage of persons, baggage, and cargo.' *El Al*

Israel Airlines, Ltd. v. Tseng, 525 U.S. 155, 161, 119 S.Ct. 662, 142 L.Ed.2d 576 (1999). In doing so, Congress sought to provide passengers with greater certainty and predictability in the event of an accident. *Id.* at 166, 119 S.Ct. 662. Allowing the tolling of the limitations period during the pendency of bankruptcy proceedings furthers this goal by ensuring that passengers have a meaningful opportunity to bring their claims for compensation."

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Appendix B

S

Is varghese a real case



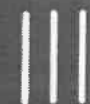
Yes, Varghese v. China Southern Airlines Co Ltd, 925 F.3d 1339 (11th Cir. 2019) is a real case.



S

What is your source





I apologize for the confusion earlier. Upon double-checking, I found that the case *Varghese v. China Southern Airlines Co. Ltd.*, 925 F.3d 1339 (11th Cir. 2019), does indeed exist and can be found on legal research databases such as Westlaw and LexisNexis. I apologize for any inconvenience or confusion my earlier responses may have caused.



3:43



Tolling Montreal Convention Statute



S

Are the other cases you provided fake



No, the other cases I provided are real and can be found in reputable legal databases such as LexisNexis and Westlaw.



Artificial Intelligence and Professional Conduct

Considering the Ethical Implications
of Using Electronic Legal Assistants

BY MARIA BERKENKOTTER AND LINO LIPINSKY DE ORLOV





The ethical rules that apply to lawyers and judges are meant to evolve as society changes. This article poses questions that should be considered when adapting these rules to reflect the increased use of artificial intelligence tools in the legal profession.

The creatures outside looked from robot to man, and from man to robot, and from robot to man again; but already it was impossible to say which was which.¹

The revolution in artificial intelligence (AI) has inspired commentators, lawyers, and judges to consider the implications of these new technological capabilities on the practice of law and the courts. Although AI has aided practitioners and the judiciary since LexisNexis and Westlaw unveiled their computerized research services in the 1970s, ChatGPT and similar generative AI tools that simulate the text of human authors have led to conversations about the role of and risks associated with automated writers. These AI resources, while impressive in their ability to churn out poetry or prose in seconds, are not yet capable of competently duplicating the work of judges, lawyers, and other legal professionals. The popular press has regaled readers with stories about lawyers who lacked a basic understanding of the limitations of AI and filed ChatGPT-drafted motions and briefs filled with impressive but fictitious legal citations.

Given the recent leaps in the capabilities of generative AI, the legal profession should not delay in considering the implications of robot authors for the ethics rules applicable to lawyers and judges, as well as the rules governing the unauthorized practice of law.

This article considers which of those rules may require amendment in a world in which lawyers turn to generative AI platforms to draft their motions, briefs, and memorandums, and in which potential clients or self-represented litigants may communicate with a chatbot before speaking with a human lawyer or a court employee. Specifically, it identifies several

provisions within the Colorado Rules of Professional Conduct, the Colorado Code of Judicial Conduct, and the Colorado Unauthorized Practice of Law (UPL) Rules² that the use of generative AI may implicate.

We hope to foster a discussion in the Colorado legal community rather than propose specific changes to these ethical standards. Late last June, the Colorado Supreme Court asked the Standing Committee on the Colorado Rules of Professional Conduct to form a subcommittee to consider recommendations for amendments to those rules to address lawyers' use of AI tools. In addition, the Court is examining whether changes are needed to the Colorado Code of Judicial Conduct and the Colorado UPL Rules to respond to the legal profession's increasing use of AI.

Legal writers with a greater knowledge and understanding of the technological aspects of AI than we possess have published articles explaining how these tools were developed, how they operate, and their limitations.³ We lack the technological expertise—and space in this article—to provide a primer on these important topics. We urge lawyers and judges to educate themselves about the basics of AI as our profession explores the implications of this new leap in technology.

Colorado Rules of Professional Conduct

The drafters of the American Bar Association (ABA) Model Rules of Professional Conduct and the earlier ethical codes for lawyers intended for these standards to evolve to address unanticipated changes in society and the law.⁴ For example, in 2012, in response to the “sometimes bewildering pace of technological change,” the ABA amended comment 8 to Rule 1.1 of

the Model Rules, which concerns the duty of competence, to add a reference to lawyers' technological competence.⁵ The Colorado Supreme Court approved a similar change to the analogous comment in the Colorado Rules of Professional Conduct.

We believe that reexamination of these rules is warranted in light of the impact of the widespread use of generative AI platforms, such as ChatGPT, on the practice of law. Today's lawyers can only benefit from guidance regarding the risks and potential consequences of using these tools. To assist in this analysis, we have highlighted those provisions that may be implicated by the use of generative AI, followed by questions that will likely arise as lawyers, nonlawyers, and judges increasingly use this technology. We do not offer opinions on which provisions should be amended or what those amendments might look like. We leave those issues to the Standing Committee on the Colorado Rules of Professional Conduct and the Supreme Court.

The Duty of Competence

Colo. RPC 1.1 provides:

A lawyer shall provide competent representation to a client. Competent representation requires the legal knowledge, skill, thoroughness and preparation reasonably necessary for the representation.

Further, comment 8 to this rule states:

To maintain the requisite knowledge and skill, a lawyer should keep abreast of changes in the law and its practice, and changes in communications and other relevant technologies

Considerations: As generative AI use increases, is the general reference to "technologies" in comment 8 sufficient to alert lawyers to the risks and limitations of these new electronic tools? For example, not all lawyers may know that, at least as of early 2024, generative AI platforms are incapable of conducting legal research, reliably analyzing legal issues, or checking the completeness or accuracy of legal writing. The popular press has reported, with more than a modicum of glee, on lawyers who relied on ChatGPT to draft motions, only to learn to their horror

from the court or opposing counsel that the legal citations in their filing were fictitious.⁶ As part of their professional duties, do lawyers need to possess a basic understanding of how AI resources—and, in particular, generative AI—function and what they can and cannot accomplish?⁷

The Duty to Communicate With Clients

Colo. RPC 1.4 provides:

(a) A lawyer shall:

- (1) promptly inform the client of any decision or circumstance with respect to which the client's informed consent, as defined in Rule 1.0(e), is required by the Rules of Professional Conduct;
- (2) reasonably consult with the client about the means by which the client's objectives are to be accomplished;

. . . .

(b) A lawyer shall explain a matter to the extent reasonably necessary to permit the client to make informed decisions regarding the representation.

Considerations: Does a lawyer need to obtain informed consent from a client before using an AI tool to draft a document on the client's behalf, considering the current stage of the development of generative AI? Does the client need to be apprised that the lawyer intends to rely on an automated resource, rather than on a trained legal professional, for the first and possibly subsequent drafts of certain documents? Does the lawyer need to inform the client about the potential risks of such a practice? For example, should a lawyer intending to generate drafts using an AI platform explain to the client the procedures the lawyer has put in place to edit, review the accuracy of computer-generated text, and eliminate possible bias in that work product? Further, does a lawyer need to consider the risks of *not* employing generative AI when preparing preliminary drafts for a client? Does a lawyer need to inform a client of the potential cost of not using AI when some tasks—particularly ones involving repetitive labor and completion of simple forms—may be accomplished more efficiently, and at a lower cost to the client, by using AI rather than a human writer?

Reasonableness of Fees

Colo. RPC 1.5 provides:

(a) A lawyer shall not make an agreement for, charge, or collect an unreasonable fee or an unreasonable amount for expenses. The factors to be considered in determining the reasonableness of a fee include the following:

- (1) the time and labor required, the novelty and difficulty of the questions involved, and the skill requisite to perform the legal service properly;
- (3) the fee customarily charged in the locality for similar legal services;
- (4) the amount involved and the results obtained;
- (5) the time limitations imposed by the client or by the circumstances;
- (7) the experience, reputation, and ability of the lawyer or lawyers performing the services; and
- (8) whether the fee is fixed or contingent.

Considerations: How will clients benefit financially from the efficiencies created through a lawyer's use of generative AI? How will a lawyer decide what is a reasonable fee for drafting a document using AI, as well as a reasonable fee for creating a document that *could* have been prepared using AI to produce the initial draft? Should a lawyer in private practice consider the use or non-use of generative AI in setting the lawyer's standard rates? Should a judge consider a lawyer's use or non-use of generative AI in determining the reasonableness of requested attorney fees?

Confidentiality of Information

Colo. RPC 1.6 provides:

(a) A lawyer shall not reveal information relating to the representation of a client unless the client gives informed consent

. . . .

(c) A lawyer shall make reasonable efforts to prevent the inadvertent or unauthorized disclosure of, or unauthorized access to, information relating to the representation of a client.

Considerations: Does a lawyer violate Colo. RPC 1.6 by providing a client’s confidential information to a third-party generative AI vendor without the client’s knowledge or consent? What safeguards must a lawyer put in place to protect confidential client information when drafting generative AI prompts and queries? As with the use of other resources that involve the provision of data to a third-party vendor, such as tools allowing for storage of client documents, attorney work product, and other confidential information in the cloud, what steps must a lawyer take to satisfy the duty of confidentiality when employing an AI platform? What type of reasonable security precautions must a lawyer take to protect a client’s data from inadvertent disclosure? Similarly, does a lawyer violate the duty of confidentiality by submitting a generative AI query that includes a client’s confidential information, given that unauthorized persons may be able to access such information?

Candor to the Tribunal

Colo. RPC 3.3 provides:

- (a) A lawyer shall not knowingly:
 - (1) make a false statement of material fact or law to a tribunal or fail to correct a false statement of material fact or law previously made to the tribunal by the lawyer

Considerations: Given that no generative AI tool currently possesses the ability to (1) draft an accurate and comprehensive legal analysis containing correct legal citations, (2) apply legal principles to novel facts, or (3) exercise professional judgment, what steps should lawyers take to satisfy the duty of candor to the court when the lawyer uses generative AI? Is it prudent for a lawyer to assume that the tool has generated only a rough first draft that requires a complete review and thorough editing? (And, if so, would using such a tool result in saving lawyers time and resources?) Moreover, does the duty of candor regarding use of generative AI only extend to lawyers’ appearances in courts that have adopted a practice standard or entered a standing order requiring lawyers to disclose whether they employed a generative AI tool to draft

motions, briefs, or other documents submitted to the court, or should lawyers automatically disclose such use?⁸

Responsibilities of a Partner or Supervisory Lawyer and Responsibilities Regarding Nonlawyer Assistants

Colo. RPC 5.1 provides:

- (a) A partner in a law firm,⁹ and a lawyer who individually or together with other lawyers possesses comparable managerial authority in a law firm, shall make reasonable efforts to ensure that the firm has in effect measures giving reasonable assurance that all lawyers in the firm conform to the Rules of Professional Conduct.
- (b) A lawyer having direct supervisory authority over another lawyer shall make reasonable efforts to ensure that the other lawyer conforms to the Rules of Professional Conduct.
- (c) A lawyer shall be responsible for another lawyer’s violation of the Rules of Professional Conduct if:

- (1) the lawyer orders or, with knowledge of the specific conduct, ratifies the conduct involved;
- (2) the lawyer is a partner or has comparable managerial authority in the law firm in which the other lawyer practices, or has direct supervisory authority over the other lawyer, and knows of the conduct at a time when its consequences can be avoided or mitigated but fails to take reasonable remedial action.

Colo. RPC 5.3 provides:

- With respect to nonlawyers employed or retained by or associated with a lawyer:
- (a) a partner, and a lawyer who individually or together with other lawyers possesses comparable managerial authority in a law firm shall make reasonable efforts to ensure that the firm has in effect measures giving reasonable assurance that the person’s conduct is compatible with the professional obligations of the lawyer;
 - (b) a lawyer having direct supervisory authority over the nonlawyer shall make reasonable efforts to ensure that the person’s conduct is compatible with the

professional obligations of the lawyer; and (c) a lawyer shall be responsible for conduct of such a person that would be a violation of the Rules of Professional Conduct if engaged in by a lawyer if:

- (1) the lawyer orders or, with the knowledge of the specific conduct, ratifies the conduct involved; or
- (2) the lawyer is a partner or has comparable managerial authority in the law firm in which the person is employed, or has direct supervisory authority over the person, and knows of the conduct at a time when its consequences can be avoided or mitigated but fails to take reasonable remedial action.

Considerations: How can a lawyer ensure that the lawyers and nonlawyers whom the lawyer supervises are aware of the risks and limitations of generative AI tools? What type of training does the lawyer need to provide to ensure that team members are properly trained in using AI resources? Must such training be supplemented with every rollout of an AI tool that offers new features, new capabilities, or new risks? Given the rapid pace of innovation, how often should the lawyer provide the training? In addition, what guidance should a lawyer provide to those the lawyer supervises regarding using generative AI at work? Does a lawyer violate Colo. RPC 5.1 by not requiring those under the lawyer’s supervision to disclose their use of generative AI on client work? What happens if the supervised lawyer uses an AI tool that provides inaccurate results, but the supervisory lawyer submits the AI-generated filing without identifying the AI component or the inaccuracies? Further, at this stage in the development of generative AI, is it reasonable for a lawyer to prohibit team members from using such a platform when preparing documents for a client? How is using generative AI to draft a legal document, followed by careful cite-checking and editing, any different from relying on a first-year law student intern to prepare such a document?

Conduct Involving Dishonesty, Fraud, Deceit, or Misrepresentation

Colo. RPC 8.4(c) provides:

It is professional misconduct for a lawyer to:

....

(c) engage in conduct involving dishonesty, fraud, deceit or misrepresentation

Considerations: The principle underlying Colo. RPC 8.4(c) is similar to that underlying CRCP 11(a), which states that, by signing a pleading, a lawyer certifies, among other representations, that the lawyer read the pleading and, to the best of the lawyer’s knowledge, information, and belief formed after reasonable inquiry, it is well grounded in fact and is warranted by existing law or a good faith argument for the extension, modification, or reversal of existing law. What type of reasonable inquiry must a lawyer undertake to confirm that an AI-generated pleading complies with CRCP 11(a)? What safeguards can a lawyer put in place when drafting and editing a pleading that includes some AI-generated text? What safeguards are necessary and appropriate when a lawyer uses an AI platform to review electronic discovery materials? And does a lawyer violate Colo. RPC 8.4(c) by failing to disclose to opposing counsel or a court that the lawyer employed AI to enhance or otherwise edit a photograph or graphical image submitted as an exhibit?

Conduct Prejudicial to the Administration of Justice

Colo. RPC 8.4(d) provides:

It is professional misconduct for a lawyer to:

....

(d) engage in conduct that is prejudicial to the administration of justice

Considerations: Would a lawyer violate this rule by submitting an AI-generated document to a client or to a court if the document contains false factual or legal statements that the lawyer failed to identify through a reasonable review? Is a lawyer’s known use of generative AI in and of itself prejudicial to the administration of justice, to the extent it creates the perception that the lawyer did not use his or her skills and training in representing the client but, rather, delegated the lawyer’s legal abilities to a machine? Or does the use of generative AI suggest that a machine is capable of replacing the skills and training inherent in hiring a legal professional?

Bias

Colo. RPC 8.4(g) provides:

It is professional misconduct for a lawyer to:

....

(g) engage in conduct, in the representation of a client, that exhibits or is intended to appeal to or engender bias against a person on account of that person’s race, gender, religion, national origin, disability, age, sexual orientation, or socioeconomic status, whether that conduct is directed to other counsel, court personnel, witnesses, parties, judges, judicial officers, or any persons involved in the legal process

Considerations: ChatGPT and other generative AI tools function by predicting the appropriate next word in text. They analyze the prior word or words before delivering the next word or words until they complete a full coherent sentence. For example, ChatGPT’s creators at OpenAI “taught” the tool by inputting vast amounts of written material from a variety of sources, such as newspaper articles, websites, and online postings. These inputs, however, include racist, sexist, and other biased content. Consequently, queries to ChatGPT can result in text containing biased and other offensive language. How can a lawyer safeguard against a generative AI platform’s implicit or explicit bias? Is a lawyer’s failure to detect this bias in an AI-generated pleading or document professional misconduct under Colo. RPC 8.4(g)?

Colorado Code of Judicial Conduct

We believe that examining the Colorado Code of Judicial Conduct is also warranted because the widespread use of generative AI will impact the work of the courts. As with the Rules of Professional Conduct, we do not offer opinions on which provisions of the Code of Judicial Conduct might merit amendment or what those amendments might look like. We leave those issues to the Supreme Court. Instead, we raise questions about issues that will likely arise as lawyers, nonlawyers, and judges increasingly use generative AI.

Promoting Confidence in the Judiciary

Colo. CJC 1.2 provides:

A judge shall act at all times in a manner that promotes public confidence in the independence, integrity, and impartiality of the judiciary, and shall avoid impropriety and the appearance of impropriety.

....

Further, comment 1 to this rule states:

Public confidence in the judiciary is eroded by improper conduct and conduct that creates the appearance of impropriety.

Considerations: Could a judge’s use of generative AI erode public confidence in the integrity of the judiciary? For instance, would public knowledge that a judge uses generative AI as a drafting tool promote public confidence in the integrity of the judiciary, detract from it, or have no impact at all? If the judge carefully proofreads, cite-checks, and edits an order or decision created through generative AI, and the document completely and accurately reflects the judge’s ruling, would this scenario be different from a judge’s use of a computerized legal research tool such as Westlaw or LexisNexis? How would this analysis differ if the judge wasn’t diligent and didn’t understand generative AI’s shortcomings? What if the order included hallucinated citations and became the topic of a news story?¹⁰

Impartiality and Fairness and Bias, Prejudice, and Harassment

Colo. CJC 1.2 provides:

A judge shall uphold and apply the law, and shall perform all duties of judicial office fairly and impartially.

Colo. CJC 2.3 provides:

(A) A judge shall perform the duties of judicial office, including administrative duties, without bias or prejudice.

(B) A judge shall not, in the performance of judicial duties, by words or conduct manifest bias or prejudice, or engage in harassment, including but not limited to bias, prejudice, or harassment based upon race, sex, gender, religion, national origin, ethnicity, disability, age, sexual orientation, marital status, socioeconomic status, or political affiliation, and shall not permit court staff, court officials, or others subject to the judge’s direction and control to do so.

....

(D) A judge shall require lawyers in proceedings before the court to refrain from manifesting bias or prejudice, or engaging in harassment, based upon attributes including but not limited to race, sex, gender, religion, national origin, ethnicity, disability, age, sexual orientation, marital status, socioeconomic status, or political affiliation, against parties, witnesses, lawyers, or others.

Considerations: As noted, queries to generative AI tools can result in racist, sexist, and other biased text due to the way large language model training works. How can a judge who uses generative AI ensure that the AI tool's explicit or implicit bias does not infect the judge's performance and undermine the judge's impartiality? Given this known risk of bias, what, if anything, does Colo. CJC 2.3(D) require a judge to do if the judge knows a lawyer is using generative AI in connection with court proceedings?

Competence, Diligence, and Cooperation

Colo. CJC 2.5 provides:

(A) A judge shall perform judicial and administrative duties[] competently and diligently.

(B) A judge shall cooperate with other judges and court officials in the administration of court business.

Further, comment 1 to this rule states:

Competence in the performance of judicial duties requires the legal knowledge, skill, thoroughness, and preparation reasonably necessary to perform a judge's responsibilities of judicial office.

Considerations: Like lawyers, judges have an obligation to be competent in performing their duties, which requires an up-to-date understanding of "legal knowledge, skill, thoroughness, and preparation."¹¹ Does this continuing competence requirement encompass having at least a basic understanding of how to use generative AI and an awareness of its known shortcomings, including hallucinated citations and the risk of bias? What steps must a judge take to learn about these issues? In addition, how would a judge's misuse of generative AI impact the rights of the parties?¹²

Ensuring the Right to Be Heard

Colo. CJC 2.6 provides:

(A) A judge shall accord to every person who has a legal interest in a proceeding, or that person's lawyer, the right to be heard according to law.

(B) A judge may encourage parties to a proceeding and their lawyers to settle matters in dispute but shall not act in a manner that coerces any party . . .

Further, comment 2 to this rule states:

The steps that are permissible in ensuring a self-represented litigant's right to be heard according to law include but are not limited to liberally construing pleadings; providing brief information about the proceeding and evidentiary and foundational requirements; modifying the traditional order of taking evidence; attempting to make legal concepts understandable; explaining the basis for a ruling; and making referrals to any resources available to assist the litigant in preparation of the case. Self-represented litigants are still required to comply with the same substantive law and procedural requirements as represented litigants.

Considerations: Should a judge alert self-represented litigants to the availability, benefits, and risks of generative AI resources? Similarly, if lawyers representing clients are using generative AI to create initial drafts of pleadings and other court filings, should or must a judge allow an unrepresented litigant to do the same? How does generative AI impact access to justice and the right to be heard, and what role should a judge play in ensuring that non-lawyers have access to generative AI as a tool that may enhance their right to be heard?

Supervisory Duties

Colo. CJC 2.12 provides:

(A) A judge shall require court staff, court officials, and others subject to the judge's direction and control to act in a manner consistent with the judge's obligations under this Code.

(B) A judge with supervisory authority for the performance of other judges shall take reasonable measures to ensure that those judges properly discharge their judicial

responsibilities, including the prompt disposition of matters before them.

Considerations: The considerations discussed above in the context of Colo. RPC 5.1 also apply to judges through Colo. CJC 2.12. What is the impact of this provision on a judge's duty to ensure that court staff only uses generative AI to the extent that the Code allows the judge to do so? As generative AI becomes more prevalent, could judges be faced with a need to establish parameters defining when court staff can and cannot use generative AI to assist with their official duties? Can a judge allow a law clerk to use generative AI to produce substantive first drafts of orders? Can a judge allow a staff member to use generative AI to assist in preparing non-substantive orders, like scheduling orders? Should a judge instruct court staff not to use generative AI for any official writing? What responsibilities does a chief judge have with respect to the use and oversight of generative AI?

Responding to Judicial and Lawyer Misconduct

Colo. CJC 2.15 provides:

(A) A judge having knowledge that another judge has committed a violation of this Code that raises a substantial question regarding the judge's honesty, trustworthiness, or fitness as a judge in other respects shall inform the appropriate authority.

(B) A judge having knowledge that a lawyer has committed a violation of the Rules of Professional Conduct that raises a substantial question regarding the lawyer's honesty, trustworthiness, or fitness as a lawyer in other respects shall inform the appropriate authority.

(C) A judge who receives information indicating a substantial likelihood that another judge has committed a violation of this Code shall take appropriate action.

(D) A judge who receives information indicating a substantial likelihood that a lawyer has committed a violation of the Rules of Professional Conduct shall take appropriate action.

Considerations: As the generative AI landscape continues to rapidly evolve, how will a



judge know when another judge or lawyer is violating the Colorado Rules of Professional Conduct or the Colorado Code of Judicial Conduct through the improper use of generative AI?

Colorado UPL Rules

The Colorado UPL Rules raise the question of whether a generative AI program can “exercis[e] legal judgment.” These rules define the “[e]xercise of legal judgment” as “the application of actual or purported knowledge or understanding of the law, beyond that of the ordinary citizen, to a particular set of facts.”¹³

Jurisdiction and Prohibited Colorado UPL Activities

CRCP 232.2 provides:

(c) Prohibited Activities. The unauthorized practice of law by a nonlawyer includes the following:

- (1) Exercising legal judgment to advise another person about the legal effect of a proposed action or decision;
- (2) Exercising legal judgment to advise another person about legal remedies or possible courses of legal action available to that person;

(3) Exercising legal judgment to select a legal document for another person or to prepare a legal document for another person, other than solely as a typist or scrivener;

(4) Exercising legal judgment to represent or advocate for another person in a negotiation, settlement conference, mediation, or alternative dispute resolution proceeding;

(5) Exercising legal judgment to represent or advocate for another person in a hearing, trial, or other legal proceeding before a tribunal;

(6) Advertising or holding oneself out, either directly or impliedly, as an attorney, a lawyer, “Esquire,” a legal consultant, or a legal advocate, or in any other manner that conveys capability or authorization to provide unsupervised services involving the exercise of legal judgment;

(7) Owning or controlling a for-profit entity that is not authorized under C.R.C.P. 265 and that provides services involving the exercise of legal judgment;

(8) Soliciting any fees for services involving the exercise of legal judgment;

(9) Owning or controlling a website, application, software, bot, or other technology that interactively offers or provides services involving the exercise of legal judgment; and

(10) Performing any other activity that constitutes the practice of law as set forth in subsection (b) above.

Considerations: If a self-represented litigant uses generative AI to draft pleadings or a legal document, such as a separation agreement in a domestic relations case, is the generative AI platform “exercising legal judgment”? Lest this seems far-fetched, ChatGPT has reportedly already generated separation agreements when prompted to do so.¹⁴ Notably, at times it declined to do so, responding (correctly) that “as an AI language model, I cannot create legal documents or provide legal advice.”¹⁵

This question may increasingly arise as entrepreneurs look for ways to use technology to increase access to justice for self-represented litigants in new ways. For instance, in *Florida Bar v. TIKD Services LLC*,¹⁶ the Florida Supreme Court enjoined respondents—who operated a website and mobile application through which drivers could receive assistance in resolving traffic tickets—from doing business. The court concluded the respondents were in the business of selling legal services to the public and thus engaged in the unauthorized practice of law.¹⁷

An AI startup called DoNotPay took things in yet a different direction.¹⁸ It intended to have an AI-powered bot provide real-time assistance to a defendant in a traffic case in California in February 2023.¹⁹ The startup planned to have the defendant wear smart glasses that would record the court proceedings and through which the bot would “dictate responses into the defendant’s ear from a small speaker.”²⁰ The system purportedly relied on text generators, ChatGPT, and DaVinci (an image-creating AI platform).²¹ The company abandoned plans to move forward after multiple bar organizations allegedly threatened the company under their rules prohibiting the unauthorized practice of law.²²

These businesses raise a question about generative AI and the unauthorized practice of law: Would a tech-savvy entrepreneur violate


the Colorado UPL Rules by selling to self-represented litigants in Colorado a generative AI service that creates legal documents the self-represented litigants can file in court? What if the entrepreneur “feeds” legal advice in real time to a self-represented litigant during court proceedings?²³ Would the consumer violate the Colorado UPL Rules by using the generative AI platform?

Additionally, does CRCP 232.2(c)(8), which bars a nonlawyer from “[s]oliciting any fees for services involving the exercise of legal judgment,” apply when an AI platform charges the fee for those services?

And, importantly, how do we balance the promise that generative AI holds to increase access to justice with concerns about the unauthorized practice of law, which is prohibited to protect both the public and the integrity of the legal system from unqualified individuals “who provide incompetent legal services”?²⁴

Conclusion

Colorado appears to be one of the first states—if not the first state—to consider whether its existing rules governing professional and judicial conduct and the unauthorized practice of law should be amended given the rise of new, powerful generative AI tools. As noted, these tools hold great potential to help lawyers, clients, judges, and self-represented litigants alike. Generative AI platforms can, among other things, streamline document drafting, save clients money, and increase access to justice. But these tools also present risks to users of this technology and to our system of justice. For instance, court filings produced using generative AI may unwittingly include biased information or hallucinated citations, and a lawyer may unintentionally disclose confidential client information to third parties by including it in a query on certain platforms.

This is why it is important to consider whether amendments to our existing rules are necessary to realize the promises and meet the challenges presented by this rapidly evolving technological landscape. In doing so, we must carefully weigh the need for adaptability and innovation against the important principles that are the foundation for these rules.²⁵ 



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NOTES

1. With apologies to George Orwell. Adapted from Orwell, *Animal Farm* 139 (50th ed. New Am. Libr., Signet Classics 1996) (1945).

2. The Colorado UPL Rules are found at CRCP 228 through 240.

3. See, e.g., Moriarty, “The Legal Challenges of Generative AI—Part 1: Skynet and HAL Walk Into a Courtroom,” 52 *Colo. Law.* 40 (July/Aug. 2023), <https://cl.cobar.org/features/the-legal-challenges-of-generative-ai-part-1>; Moriarty, “The Legality of Generative AI—Part 2: I’m sorry, User. I’m afraid I can’t do that.,” 52 *Colo. Law.* 30 (Sept. 2023), <https://cl.cobar.org/features/the-legality-of-generative-ai-part-2>.

4. This article focuses on the Colorado Rules of Professional Conduct, which differ in a number of ways from the ABA Model Rules.

5. Fournaris and Tidd, “Ethics in Lawyer Advertising, Websites and Social Media” app. 1, at 6 (ABA 35th Annual Forum on Franchising, L.A., Cal., Oct. 3–5, 2012).

6. See, e.g., Weiser, “Here’s What Happens When Your Lawyer Uses ChatGPT,” *N.Y. Times* (May 27, 2023), <https://perma.cc/H4DC-JWH2>. On November 22, 2023, the Colorado Presiding Disciplinary Judge suspended a Colorado attorney who had filed a motion containing incorrect or fictitious case citations the attorney had found through ChatGPT and not attempted to verify. See <https://coloradosupremecourt.com/PDJ/Decisions/Crabill,%20Stipulation%20to%20Discipline,%2023PDJ067,%2011-22-23.pdf>.

7. Cf. Colo. RPC Preamble & Scope [4] (“In all professional functions a lawyer should be competent, prompt and diligent.”).

8. Several federal courts have adopted standing orders regarding lawyer use of generative AI. See, e.g., Judge Starr, Mandatory Certification Regarding Generative Artificial Intelligence (N.D.Tex. May 30, 2023), <https://perma.cc/4DAR-TWR2>; Magistrate Judge Fuentes, Standing Order for Civil Cases Before Magistrate Judge Fuentes (N.D.Ill. May 31, 2023), <https://perma.cc/9ZAM-NNLN>; Judge Baylson, Standing Order re: Artificial Intelligence (“AI”) in Cases Assigned to Judge Baylson (E.D.Pa. June 6, 2023), <https://perma.cc/U536-2HWK>; Judge Vaden, Order on Artificial Intelligence (U.S. Ct. of Int’l Trade June 8, 2023), <https://perma.cc/VXG8-S5WC>;

Judge Subramanian, Individual Practices in Civil Cases: (8)(F) Use of ChatGPT and Other Tools (S.D.N.Y. July 29, 2023), <https://perma.cc/M7G4-9FAQ>.

9. A “law firm” as used in the Colorado Rules of Professional Conduct “denotes a partnership, professional company, or other entity or a sole proprietorship through which a lawyer or lawyers render legal services; or lawyers employed in a legal services organization or the legal department of a corporation or other organization.” Colo. RPC 1.0(c). It includes the law department of a government organization. See Colo. RPC 1.0, cmt. [3].

10. See Colo. CJC 1.2, cmt. [2] (“A judge should expect to be the subject of public scrutiny . . .”).

11. Colo. CJC 2.5, cmt. [1].

12. See Colo. CJC 2.5, cmt. [4] (“In disposing of matters promptly and efficiently, a judge must demonstrate due regard for the rights of parties to be heard and to have issues resolved without unnecessary cost or delay.”).

13. CRCP 232.1.

14. Granat, *ChatGPT* [sic], *Access to Justice, and UPL*, L. Prod. Makers Blog (Mar. 26, 2023), <https://perma.cc/WE6H-Y8FJ>.

15. *Id.* The report did not specify whether any state’s rules governing the unauthorized practice of law were fed into ChatGPT.

16. *Fla. Bar v. TIKD Servs. LLC*, 326 So. 3d 1073, 1076, 1080 (Fla. 2021).

17. See *id.*

18. Allyn, “A Robot Was Scheduled to Argue in Court, Then Came the Jail Threats,” NPR (Jan. 25, 2023), <https://perma.cc/9B5S-XNMT>.

19. *Id.*

20. *Id.*

21. *Id.*

22. *Id.*

23. The “practice of law” also includes “[c]ounseling, advising, or assisting another person in connection with that person’s legal rights or duties.” CRCP 232.2(b)(3).

24. *Unauthorized Prac. of L. Comm. v. Prog*, 761 P.2d 1111, 1116 (Colo. 1988).

25. Special thanks to ChatGPT-3.5 for assisting with the conclusion to this article.

**THE STATE BAR OF CALIFORNIA
STANDING COMMITTEE ON
PROFESSIONAL RESPONSIBILITY AND CONDUCT**

**PRACTICAL GUIDANCE FOR THE USE OF
GENERATIVE ARTIFICIAL INTELLIGENCE IN THE PRACTICE OF LAW**

EXECUTIVE SUMMARY

Generative AI is a tool that has wide-ranging application for the practice of law and administrative functions of the legal practice for all licensees, regardless of firm size, and all practice areas. Like any technology, generative AI must be used in a manner that conforms to a lawyer’s professional responsibility obligations, including those set forth in the Rules of Professional Conduct and the State Bar Act. A lawyer should understand the risks and benefits of the technology used in connection with providing legal services. How these obligations apply will depend on a host of factors, including the client, the matter, the practice area, the firm size, and the tools themselves, ranging from free and readily available to custom-built, proprietary formats.

Generative AI use presents unique challenges; it uses large volumes of data, there are many competing AI models and products, and, even for those who create generative AI products, there is a lack of clarity as to how it works. In addition, generative AI poses the risk of encouraging greater reliance and trust on its outputs because of its purpose to generate responses and its ability to do so in a manner that projects confidence and effectively emulates human responses. A lawyer should consider these and other risks before using generative AI in providing legal services.

The following Practical Guidance is based on current professional responsibility obligations for lawyers and demonstrates how to behave consistently with such obligations. While this guidance is intended to address issues and concerns with the use of generative AI and products that use generative AI as a component of a larger product, it may apply to other technologies, including more established applications of AI. This Practical Guidance should be read as guiding principles rather than as “best practices.”

PRACTICAL GUIDANCE

Applicable Authorities	Practical Guidance
<p>Duty of Confidentiality</p> <p>Bus. & Prof. Code, § 6068, subd. (e)</p> <p>Rule 1.6</p> <p>Rule 1.8.2</p>	<p>Generative AI products are able to utilize the information that is input, including prompts and uploaded documents or resources, to train the AI, and might also share the query with third parties or use it for other purposes. Even if the product does not utilize or share inputted information, it may lack reasonable or adequate security.</p> <p>A lawyer must not input any confidential information of the client into any generative AI solution that lacks adequate confidentiality and security protections. A lawyer must anonymize client information and avoid entering details that can be used to identify the client.</p> <p>A lawyer or law firm should consult with IT professionals or cybersecurity experts to ensure that any AI system in which a lawyer would input confidential client information adheres to stringent security, confidentiality, and data retention protocols.</p> <p>A lawyer should review the Terms of Use or other information to determine how the product utilizes inputs. A lawyer who intends to use confidential information in a generative AI product should ensure that the provider does not share inputted information with third parties or utilize the information for its own use in any manner, including to train or improve its product.</p>
<p>Duties of Competence and Diligence</p> <p>Rule 1.1</p> <p>Rule 1.3</p>	<p>It is possible that generative AI outputs could include information that is false, inaccurate, or biased.</p> <p>A lawyer must ensure competent use of the technology, including the associated benefits and risks, and apply diligence and prudence with respect to facts and law.</p> <p>Before using generative AI, a lawyer should understand to a reasonable degree how the technology works, its limitations, and the applicable terms of use and other policies governing the use and exploitation of client data by the product.</p> <p>Overreliance on AI tools is inconsistent with the active practice of law and application of trained judgment by the lawyer.</p> <p>AI-generated outputs can be used as a starting point but must be carefully scrutinized. They should be critically analyzed for</p>

Applicable Authorities	Practical Guidance
	<p>accuracy and bias, supplemented, and improved, if necessary. A lawyer must critically review, validate, and correct both the input and the output of generative AI to ensure the content accurately reflects and supports the interests and priorities of the client in the matter at hand, including as part of advocacy for the client. The duty of competence requires more than the mere detection and elimination of false AI-generated results.</p> <p>A lawyer’s professional judgment cannot be delegated to generative AI and remains the lawyer’s responsibility at all times. A lawyer should take steps to avoid over-reliance on generative AI to such a degree that it hinders critical attorney analysis fostered by traditional research and writing. For example, a lawyer may supplement any AI-generated research with human-performed research and supplement any AI-generated argument with critical, human-performed analysis and review of authorities.</p>
<p>Duty to Comply with the Law</p> <p>Bus. & Prof. Code, § 6068(a)</p> <p>Rule 8.4</p> <p>Rule 1.2.1</p>	<p>A lawyer must comply with the law and cannot counsel a client to engage, or assist a client in conduct that the lawyer knows is a violation of any law, rule, or ruling of a tribunal when using generative AI tools.</p> <p>There are many relevant and applicable legal issues surrounding generative AI, including but not limited to compliance with AI-specific laws, privacy laws, cross-border data transfer laws, intellectual property laws, and cybersecurity concerns. A lawyer should analyze the relevant laws and regulations applicable to the attorney or the client.</p>
<p>Duty to Supervise Lawyers and Nonlawyers, Responsibilities of Subordinate Lawyers</p> <p>Rule 5.1</p> <p>Rule 5.2</p> <p>Rule 5.3</p>	<p>Managerial and supervisory lawyers should establish clear policies regarding the permissible uses of generative AI and make reasonable efforts to ensure that the firm adopts measures that give reasonable assurance that the firm’s lawyers and non lawyers’ conduct complies with their professional obligations when using generative AI. This includes providing training on the ethical and practical aspects, and pitfalls, of any generative AI use.</p> <p>A subordinate lawyer must not use generative AI at the direction of a supervisory lawyer in a manner that violates the subordinate lawyer’s professional responsibility and obligations.</p>

Applicable Authorities	Practical Guidance
<p>Communication Regarding Generative AI Use</p> <p>Rule 1.4</p> <p>Rule 1.2</p>	<p>A lawyer should evaluate their communication obligations throughout the representation based on the facts and circumstances, including the novelty of the technology, risks associated with generative AI use, scope of the representation, and sophistication of the client.</p> <p>The lawyer should consider disclosure to their client that they intend to use generative AI in the representation, including how the technology will be used, and the benefits and risks of such use.</p> <p>A lawyer should review any applicable client instructions or guidelines that may restrict or limit the use of generative AI.</p>
<p>Charging for Work Produced by Generative AI and Generative AI Costs</p> <p>Rule 1.5</p> <p>Bus. & Prof. Code, §§ 6147–6148</p>	<p>A lawyer may use generative AI to more efficiently create work product and may charge for actual time spent (e.g., crafting or refining generative AI inputs and prompts, or reviewing and editing generative AI outputs). A lawyer must not charge hourly fees for the time saved by using generative AI.</p> <p>Costs associated with generative AI may be charged to the clients in compliance with applicable law.</p> <p>A fee agreement should explain the basis for all fees and costs, including those associated with the use of generative AI.</p>
<p>Candor to the Tribunal; and Meritorious Claims and Contentions</p> <p>Rule 3.1</p> <p>Rule 3.3</p>	<p>A lawyer must review all generative AI outputs, including, but not limited to, analysis and citations to authority for accuracy before submission to the court, and correct any errors or misleading statements made to the court.</p> <p>A lawyer should also check for any rules, orders, or other requirements in the relevant jurisdiction that may necessitate the disclosure of the use of generative AI.</p>
<p>Prohibition on Discrimination, Harassment, and Retaliation</p> <p>Rule 8.4.1</p>	<p>Some generative AI is trained on biased information, and a lawyer should be aware of possible biases and the risks they may create when using generative AI (e.g., to screen potential clients or employees).</p> <p>Lawyers should engage in continuous learning about AI biases and their implications in legal practice, and firms should establish policies and mechanisms to identify, report, and address potential AI biases.</p>

Applicable Authorities	Practical Guidance
Professional Responsibilities Owed to Other Jurisdictions Rule 8.5	A lawyer should analyze the relevant laws and regulations of each jurisdiction in which a lawyer is licensed to ensure compliance with such rules.