JS 44 (Rev. 09/11)

CIVIL COVER SHEET

The JS 44 civil coversheet and the information contained herein neither replace nor supplement the filing and service of pleadings or other papers as required by law, except as provided by local rules of court. This form, approved by the Judicial Conference of the United States in September 1974, is required for the use of the Clerk of Court for the purpose of initiating the civil docket sheet. (SEE INSTRUCTIONS ON NEXT PAGE OF THIS FORM.)

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I. (a) PLAINTIFFS CAROL LIVINGSTON, individually and as Administrator of the Est HOUSTON ANTWINE, deceased, on behalf of his next of kin (b) County of Residence of First Listed Plaintiff Tennessee (EXCEPT IN U.S. PLAINTIFF CASES)				DEFENDANTS NATIONAL FOOTBALL LEAGUE County of Residence of First Listed Defendant Pennsylvania (IN U.S. PLAINTIFF CASES ONLY) NOTE: IN LAND CONDEMNATION CASES, USE THE LOCATION OF THE TRACT OF LAND INVOLVED.			
II. BASIS OF JURISD	ICTION (Place an "X" i	n One Box Only)			RINCIPAL PARTIES	(Place an "X" in One Box for Plaintiff)	
☐ 1 U.S. Government Plaintiff	☐ 3 Federal Question (U.S. Government Not a Party)			(For Diversity Cases Only) PT en of This State			
☐ 2 U.S. Government Defendant	•		Citizen of Another State 🛪 2 🗖 2 Incorporated and Principal Place 🗇 5 🗇 5 of Business In Another State				
W. MATURE OF CHIE				en or Subject of a preign Country	3		
IV. NATURE OF SUIT		nly) RTS	1 . 10	ORFEITURE/PENALTY	BANKRUPTCY	OTHER STATUTES	
□ 110 Insurance □ 120 Marine □ 130 Miller Act □ 140 Negotiable Instrument □ 150 Recovery of Overpayment Æ Enforcement of Judgmen □ 151 Medicare Act □ 152 Recovery of Defaulted Student Loans (Excl. Veterans) □ 153 Recovery of Overpayment of Veteran's Benefits □ 160 Stockholders' Suits □ 190 Other Contract □ 195 Contract Product Liability □ 196 Franchise □ 210 Land Condemnation □ 220 Foreclosure □ 230 Rent Lease & Ejectment □ 240 Torts to Land □ 245 Tort Product Liability □ 290 All Other Real Property	PERSONAL INJURY 310 Airplane 315 Airplane Product Liability 320 Assault, Libel &	PERSONAL INJUR 365 Personal Injury - Product Liability Product Liability Personal Injury Product Liability Product Liability Product Liability PRESONAL PROPEF 370 Other Fraud 371 Truth in Lending 380 Other Personal Property Damage Product Liability PERSONAL PROPEF 370 Other Fraud 571 Truth in Lending 580 Other Personal Property Damage Product Liability PRISONER PETITIO 510 Motions to Vacat Sentence Habeas Corpus: 530 General 535 Death Penalty 540 Mandamus & Otl 550 Civil Rights 555 Prison Conditions of Confinement	T G G G G G G G G G G G G G G G G G G G	25 Drug Related Seizure of Property 21 USC 881 20 Other LABOR 10 Fair Labor Standards Act 20 Labor:Mgmt. Relations 40 Railway Labor Act 51 Family and Medical Leave Act 50 Other Labor Litigation 51 Empl. Ret. Inc. Security Act Labor:Mgmt. Relations 52 Family and Medical Leave Act 53 Habeas Corpus Alien Detainee (Prisoner Petition) 65 Other Immigration Actions	□ 422 Appeal 28 USC 158 □ 423 Withdrawal 28 USC 157 PROPERTY RIGHTS □ 820 Copyrights □ 830 Patent □ 840 Trademark SOCIAL SECURITY □ 861 HIA (1395f) □ 862 Black Lung (923) □ 863 DIWC/DIWW (405(g)) □ 864 SSID Title XVI □ 865 RSI (405(g)) FEDERAL TAX SUITS □ 870 Taxes (U.S. Plaintiff or Defendant) □ 871 IRS—Third Party 26 USC 7609	□ 375 False Claims Act □ 400 State Reapportionment □ 410 Antitrust □ 430 Banks and Banking □ 450 Commerce □ 460 Deportation □ 470 Racketeer Influenced and Corrupt Organizations □ 480 Consumer Credit □ 490 Cable/Sat TV □ 850 Securities/Commodities/ Exchange	
Ճ 1 Original □ 2 Re	ate Court	Appellate Court	Reo				
VI. CAUSE OF ACTIO	L 28 U.S.C. 1332	use:		ev avi ene jurisucuvnut siu	пись инсельну		
VII. REQUESTED IN COMPLAINT:		IS A CLASS ACTION	N D	DEMAND S	CHECK YES only JURY DEMAND	y if demanded in complaint: D: ▼Yes □ No	
VIII. RELATED CAS IF ANY	E(S) (See instructions):	JUDGE The Hono	rable A	nita Brody	DOCKET NUMBER 1	12-md-02323-AB	
DATE 11/05/2012		SIGNATURE OF AT	TORNEY	OF RECORD			
FOR OFFICE USE ONLY	MOUNT	APPLYING IFP		JUDGE	MAG. JI	- Librer	
RECEIPT # A1	WICHTI	APPLA ING IEP		JULKie.	MAG II	CLATE	

JS 44 Reverse (Rev. 09/11)

INSTRUCTIONS FOR ATTORNEYS COMPLETING CIVIL COVER SHEET FORM JS 44

Authority For Civil Cover Sheet

The JS 44 civil cover sheet and the information contained herein neither replaces nor supplements the filings and service of pleading or other papers as required by law, except as provided by local rules of court. This form, approved by the Judicial Conference of the United States in September 1974, is required for the use of the Clerk of Court for the purpose of initiating the civil docket sheet. Consequently, a civil cover sheet is submitted to the Clerk of Court for each civil complaint filed. The attorney filing a case should complete the form as follows:

- 1. (a) Plaintiffs-Defendants. Enter names (last, first, middle initial) of plaintiff and defendant. If the plaintiff or defendant is a government agency, use only the full name or standard abbreviations. If the plaintiff or defendant is an official within a government agency, identify first the agency and then the official, giving both name and title.
- (b) County of Residence. For each civil case filed, except U.S. plaintiff cases, enter the name of the county where the first listed plaintiff resides at the time of filing. In U.S. plaintiff cases, enter the name of the county in which the first listed defendant resides at the time of filing. (NOTE: In land condemnation cases, the county of residence of the "defendant" is the location of the tract of land involved.)
- (c) Attorneys. Enter the firm name, address, telephone number, and attorney of record. If there are several attorneys, list them on an attachment, noting in this section "(see attachment)".
- II. Jurisdiction. The basis of jurisdiction is set forth under Rule 8(a), F.R.C.P., which requires that jurisdictions be shown in pleadings. Place an "X" in one of the boxes. If there is more than one basis of jurisdiction, precedence is given in the order shown below.

United States plaintiff. (1) Jurisdiction based on 28 U.S.C. 1345 and 1348. Suits by agencies and officers of the United States are included here.

United States defendant. (2) When the plaintiff is suing the United States, its officers or agencies, place an "X" in this box.

Federal question. (3) This refers to suits under 28 U.S.C. 1331, where jurisdiction arises under the Constitution of the United States, an amendment to the Constitution, an act of Congress or a treaty of the United States. In cases where the U.S. is aparty, the U.S. plaintiff or defendant code takes precedence, and box 1 or 2 should be marked.

Diversity of citizenship. (4) This refers to suits under 28 U.S.C. 1332, where parties are citizens of different states. When Box 4 is checked, the citizenship of the different parties must be checked. (See Section III below; federal question actions take precedence over diversity cases.)

- III. Residence (citizenship) of Principal Parties. This section of the JS 44 is to be completed if diversity of citizenship was indicated above. Mark this section for each principal party.
- IV. Nature of Suit. Place an "X" in the appropriate box. If the nature of suit cannot be determined, be sure the cause of action, in Section VI below, is sufficient to enable the deputy clerk or the statistical clerks in the Administrative Office to determine the nature of suit. If the cause fits more than one nature of suit, select the most definitive.
- V. Origin. Place an "X" in one of the seven boxes.

Original Proceedings. (1) Cases which originate in the United States district courts.

Removed from State Court. (2) Proceedings initiated in state courts may be removed to the district courts under Title 28U.S.C., Section 1441. When the petition for removal is granted, check this box.

Remanded from Appellate Court. (3) Check this box for cases remanded to the district court for further action. Use the date of remand as the filing date.

Reinstated or Reopened. (4) Check this box for cases reinstated or reopened in the district court. Use the reopening date as the filing date.

Transferred from Another District. (5) For cases transferred under Title 28 U.S.C. Section 1404(a). Do not use this for within district transfers or multidistrict litigation transfers.

Multidistrict Litigation. (6) Check this box when a multidistrict case is transferred into the district under authority of Title 28 U.S.C. Section 1407. When this box is checked, do not check (5) above.

Appeal to District Judge from Magistrate Judgment. (7) Check this box for an appeal from a magistrate judge's decision.

- VI. Cause of Action. Report the civil statute directly related to the cause of action and give a brief description of the cause Do not cite jurisdictional statutes unless diversity.

 Example:

 U.S. Civil Statute: 47 USC 553
 Brief Description: Unauthorized reception of cable service
- VII. Requested in Complaint. Class Action. Place an "X" in this box if you are filing a class action under Rule 23, F.R.Cv.P.

Demand. In this space enter the dollar amount (in thousands of dollars) being demanded or indicate other demand such as a preliminary injunction.

Jury Demand. Check the appropriate box to indicate whether or not a jury is being demanded.

VIII. Related Cases. This section of the JS 44 is used to reference related pending cases, if any. If there are related pending cases, insert the docket numbers and the corresponding judge names for such cases.

Date and Attorney Signature. Date and sign the civil cover sheet.

UNITED STATES DISTRICT COURT

FOR THE EASTERN DISTRICT OF PENNSYLVANIA — DESIGNATION FORM to be used by counsel to indicate the category of the case for the purpose of assignment to appropriate calendar.

assignment to appropriate carefulari	TTV 2000
Address of Plaintiff: 7594 Elpine Gray Drive, Arlington	
Address of Defendant: 280 Park Avenue, New York, NY 10	0017
Place of Accident, Incident or Transaction: (Use Reverse Side For A	Additional Space
Does this civil action involve a nongovernmental corporate party with any parent corporation a (Attach two copies of the Disclosure Statement Form in accordance with Fed.R.Civ.P. 7.1(a)	· · · · · · · · · · · · · · · · · · ·
(Authorities copies of the Discussive Statement Form in accordance with Fed. N.C.Y. 1.77(a)	
Does this case involve multidistrict litigation possibilities?	Yes ∦ No□
RELATED CASE, IF ANY: Case Number: 12-md-02323 Judge Hon. Anita Brody	Date Terminated: N/A
Civil cases are deemed related when yes is answered to any of the following questions:	
1. Is this case related to property included in an earlier numbered suit pending or within one ye	ear previously terminated action in this court?
	Yes□ No⊠
2. Does this case involve the same issue of fact or grow out of the same transaction as a prior saction in this court?	suit pending or within one year previously terminated
	Yes□ No⊠
3. Does this case involve the validity or infringement of a patent already in suit or any earlier to	
terminated action in this court?	Yes□ No⊠
4. Is this case a second or successive habeas corpus, social security appeal, or pro se civil righ	ts case filed by the same individual?
	Yes□ No⊠
CIVIL: (Place ✓ in ONE CATEGORY ONLY)	
A. Federal Question Cases:	B. Diversity Jurisdiction Cases:
1. Indemnity Contract, Marine Contract, and All Other Contracts	1. Insurance Contract and Other Contracts
2. □ FELA	2. Airplane Personal Injury
3. □ Jones Act-Personal Injury	3. □ Assault, Defamation
4. □ Antitrust	4. □ Marine Personal Injury
5. Patent	5. Motor Vehicle Personal Injury
6. □ Labor-Management Relations	6. □ Other Personal Injury (Please specify)
7. Civil Rights	7. Products Liability
8. Habeas Corpus	8. Products Liability — Asbestos
9. □ Securities Act(s) Cases	9. M All other Diversity Cases
10. □ Social Security Review Cases	(Please specify)
11. □ All other Federal Question Cases (Please specify)	
ARBITRATION CERT	IFICATION
I, Anthony Tarricone , counsel of record do hereby certipers and costs: (Check Appropriate Content of the counsel of record do hereby certipers and costs) (Check Appropriate Content of the counsel of record do hereby certipers and costs)	fy:
□ Relief other than monetary damages is sought.	_
DATE: 11/5/2012 Attorney-di-Law	Attorney 1.D.#
NOTE: A trial de novo will be a trial by jury only if the	•
I certify that, to my knowledge, the within case is not related to any case now pending or except as noted above.	within one year previously terminated action in this court
DATE:	
Attorney-at-Law	Attorney l.D.#

CIV. 609 (5/2012)

UNITED STATES DISTRICT COURT

FOR THE EASTERN DISTRICT OF PENNSYLVANIA - DESIGNATION FORM to be used by counsel to indicate the category of the case for the purpose of assignment to appropriate calendar. Address of Plaintiff: 7594 Elpine Gray Drive, Arlington, TN 38002 Address of Defendant: 280 Park Avenue, New York, NY 10017 Place of Accident, Incident or Transaction: (Use Reverse Side For Additional Space) Does this civil action involve a nongovernmental corporate party with any parent corporation and any publicly held corporation owning 10% or more of its stock? (Attach two copies of the Disclosure Statement Form in accordance with Fcd.R.Civ.P. 7.1(a)) Yes□ No□ No□ Does this case involve multidistrict litigation possibilities? Yes**X** RELATED CASE, IF ANY: Case Number: 12-md-02323 Judge Hon. Anita Brody Date Terminated: N/A Civil cases are deemed related when yes is answered to any of the following questions: 1. Is this case related to property included in an earlier numbered suit pending or within one year previously terminated action in this court? 2. Does this case involve the same issue of fact or grow out of the same transaction as a prior suit pending or within one year previously terminated action in this court? $Yes\square$ No⊠ 3. Does this case involve the validity or infringement of a patent already in suit or any carlier numbered case pending or within one year previously Yes□ NoX terminated action in this court? 4. Is this case a second or successive habeas corpus, social security appeal, or pro sc civil rights case filed by the same individual? No⊠ CIVIL: (Place / in ONE CATEGORY ONLY) B. Diversity Jurisdiction Cases: A. Federal Question Cases: 1.

Indemnity Contract, Marine Contract, and All Other Contracts 1.

Insurance Contract and Other Contracts 2. D FELA 2.

Airplane Personal Injury 3. □ Jones Act-Personal Injury 3. D Assault, Defamation 4. □ Marine Personal Injury 4.

Antitrust 5.

Motor Vehicle Personal Injury 5. D Patent 6. □ Other Personal Injury (Please specify) 6. □ Labor-Management Relations 7. Civil Rights 7. □ Products Liability 8. □ Habeas Corpus 8. □ Products Liability — Asbestos 9. M All other Diversity Cases 9. □ Securities Act(s) Cases 10. □ Social Security Review Cases (Please specify) 11. □ All other Federal Question Cases (Please specify) ARBITRATION CERTIFICATION (Check Appropriate Category) Anthony Tarricone , counsel of record do hereby certify: □ Pursuant to Local Civil Rule 53.2, Section 3(c)(2), that to the best of my knowledge and belief, the damages recoverable in this civil action case exceed the sum of \$150,000.00 exclusive of interest and costs; □ Relief other than monetary damages is sought. DATE: 11/5/2012 Attorney I.D.# Attorney-at-Law NOTE: A trial de novo will be a trial by jury only if there has been compliance with F.R.C.P. 38. I certify that, to my knowledge, the within case is not related to any case now pending or within one year previously terminated action in this court

DATE: Attorney-at-Law Attorney I.D.#

CIV. 609 (5/2012)

except as noted above.

IN THE UNITED STATES DISTRICT COURT FOR THE EASTERN DISTRICT OF PENNSYLVANIA

CASE MANAGEMENT TRACK DESIGNATION FORM

CIVIL ACTION

REGINA ANTWINE LOONIE

(Civ. 660) 10/02

Telephone	FAX Number	E-Mail Address				
(617) 424-9100	(617) 424-9120	atarricone@kreindler.	<u>. co</u> m			
Date	Attorney-at-law	Attorney for				
November 5, 2012		Plaintiffs				
(f) Standard Management – C	Cases that do not fall in	to any one of the other tracks.	()			
the court. (See reverse sid	le of this form for a det	ailed explanation of special	(X)			
		tracks (a) through (d) that are special or intense management by				
d) Asbestos – Cases involving claims for personal injury or property damage from exposure to asbestos.						
(c) Arbitration – Cases required to be designated for arbitration under Local Civil Rule 53.2.						
(b) Social Security – Cases requesting review of a decision of the Secretary of Health and Human Services denying plaintiff Social Security Benefits. (
(a) Habeas Corpus – Cases brought under 28 U.S.C. § 2241 through § 2255.						
SELECT ONE OF THE FO	LLOWING CASE MA	ANAGEMENT TRACKS:				
plaintiff shall complete a Case filing the complaint and serve a side of this form.) In the evidesignation, that defendant shape	e Management Track D a copy on all defendants ent that a defendant do all, with its first appear es, a Case Managemen	elay Reduction Plan of this court, counsel esignation Form in all civil cases at the times. (See § 1:03 of the plan set forth on the revoces not agree with the plaintiff regarding stance, submit to the clerk of court and serve to Track Designation Form specifying the transition.	e of erse said e on			
NATIONAL FOOTBALL L	EAGUE	NO.				
v.	:					

Civil Justice Expense and Delay Reduction Plan Section 1:03 - Assignment to a Management Track

- (a) The clerk of court will assign cases to tracks (a) through (d) based on the initial pleading.
- (b) In all cases not appropriate for assignment by the clerk of court to tracks (a) through (d), the plaintiff shall submit to the clerk of court and serve with the complaint on all defendants a case management track designation form specifying that the plaintiff believes the case requires Standard Management or Special Management. In the event that a defendant does not agree with the plaintiff regarding said designation, that defendant shall, with its first appearance, submit to the clerk of court and serve on the plaintiff and all other parties, a case management track designation form specifying the track to which that defendant believes the case should be assigned.
- (c) The court may, on its own initiative or upon the request of any party, change the track assignment of any case at any time.
- (d) Nothing in this Plan is intended to abrogate or limit a judicial officer's authority in any case pending before that judicial officer, to direct pretrial and trial proceedings that are more stringent than those of the Plan and that are designed to accomplish cost and delay reduction.
- (e) Nothing in this Plan is intended to supersede Local Civil Rules 40.1 and 72.1, or the procedure for random assignment of Habeas Corpus and Social Security cases referred to magistrate judges of the court.

SPECIAL MANAGEMENT CASE ASSIGNMENTS (See §1.02 (e) Management Track Definitions of the Civil Justice Expense and Delay Reduction Plan)

Special Management cases will usually include that class of cases commonly referred to as "complex litigation" as that term has been used in the Manuals for Complex Litigation. The first manual was prepared in 1969 and the Manual for Complex Litigation Second, MCL 2d was prepared in 1985. This term is intended to include cases that present unusual problems and require extraordinary treatment. See §0.1 of the first manual. Cases may require special or intense management by the court due to one or more of the following factors: (1) large number of parties; (2) large number of claims or defenses; (3) complex factual issues; (4) large volume of evidence; (5) problems locating or preserving evidence; (6) extensive discovery; (7) exceptionally long time needed to prepare for disposition; (8) decision needed within an exceptionally short time; and (9) need to decide preliminary issues before final disposition. It may include two or more related cases. Complex litigation typically includes such cases as antitrust cases; cases involving a large number of parties or an unincorporated association of large membership; cases involving requests for injunctive relief affecting the operation of large business entities; patent cases; copyright and trademark cases; common disaster cases such as those arising from aircraft crashes or marine disasters; actions brought by individual stockholders; stockholder's derivative and stockholder's representative actions; class actions or potential class actions; and other civil (and criminal) cases involving unusual multiplicity or complexity of factual issues. See §0.22 of the first Manual for Complex Litigation and Manual for Complex Litigation Second, Chapter 33.

UNITED STATES DISTRICT COURT EASTERN DISCTRICT OF PENNSYLVANIA

REGINA ANTWINE LOONIE, individually and as	- X)
Administrator of the Estate of HOUSTON ANTWINE, deceased, on behalf of his next of kin,) CASE NO.:
Plaintiff,)
) <u>COMPLAINT</u>
-against-)
NATIONAL FOOTBALL LEAGUE,)
Defendant.)
	-X

COMPLAINT

Plaintiff sets forth in the case caption above, by her attorneys Kreindler and Kreindler LLP, as and for her complaint against defendant NATIONAL FOOTBALL LEAGUE ("NFL" or "Defendant") respectfully alleges as follows:

NATURE OF THE ACTION

1. Plaintiff brings the present personal injury claims predicated on the NFL's misconduct regarding the long-term consequences of multiple concussions and repeated subconcussive traumatic brain injuries suffered during decedent Houston Antwine's ("Decedent") NFL career. For well over half a century, medical evidence has linked concussions and long-term neurological problems, and specialists in brain trauma have been warning about the risks of permanent brain damage from repetitive head trauma. The NFL, as the organizer, marketer and face of a professional sport in which head trauma is a regular and repeated occurrence voluntarily undertook a duty to research the effects of concussions and traumatic brain injury and educate players about the risks associated with a career in professional football. The NFL was aware of the risks of repeated head trauma and multiple concussive events, but nevertheless

chose to ignore, misrepresent, and even deliberately conceal from players and their families the risk of serious long-term health effects. Decedent, in turn, relied on the league's deceptive statements and efforts to conceal medical evidence, resulting in the belief that concussive events did not present serious life-altering risks and thereby agreeing to return to play prematurely, and to continue to play for years despite repeated concussions and traumatic brain injury.

2. The NFL's active and purposeful concealment and misrepresentation of the severe neurological risks of repeated head trauma and multiple concussive events exposed players, including Decedent, to dangers they could have avoided had the League provided them with truthful and accurate information. Many players, including Decedent, have suffered dementia and other diseases and symptoms associated with severe and permanent brain damage as a result of the NFL's wrongful acts and omissions.

JURISDICTION AND VENUE

- 3. This Court has jurisdiction over this action pursuant to 28 U.S.C. § 1332, and other pertinent federal statutes. The amount in controversy is greater than the minimum dollar value required by law.
- 4. Venue is proper in this district pursuant to 28 U.S. C. § 1301(a)(2) and 1391(b)(2) as a substantial part of the events and/or omissions giving rise to the claims emanated from activities within this jurisdiction and the defendant conducts substantial business in this jurisdiction.
- 5. This Court has personal jurisdiction over Defendant because it conducts substantial and continuous business in the Commonwealth of Pennsylvania.

THE PARTIES

- 6. Plaintiff, Regina Antwine Loonie is an adult individual, residing at 7594 Elpine Gray Dr., Arlington, TN 38002.
- 7. Plaintiff Regina Antwine Loonie is the daughter of Houston Antwine, deceased. Plaintiff Regina Antwine Loonie is also the duly appointed Administrator of the Estate of Houston Antwine, deceased, a citizen and resident of Tennessee prior to his death, pursuant to Letters of Administration issued on February 24, 2012 by the Probate Court of Shelby County, Tennessee. By virtue of her role as Administrator of the Estate of Houston Antwine, Regina Antwine Loonie is legally authorized to bring this suit to recover damages for the wrongful death of Decedent, pursuant to applicable law, for the benefit of all beneficiaries and/or potential beneficiaries under applicable law, including but not limited to herself, Houston Antwine's wife Evelyn Antwine, as well as for the benefit of and on behalf of Decedent's estate.
- 8. The Plaintiff's Decedent, Houston Antwine, played in the AFL and NFL as a defensive tackle from 1960 through 1972. Houston Antwine played for the Boston Patriots of the AFL from 1960 through 1969, and remained with the team during 1970 through 1971when it became part of the NFL and changed its name to the New England Patriots. In addition, during 1972, Houston Antwine played for the Philadelphia Eagles.
- 9. During his NFL career, Decedent suffered multiple and repeated hits and blows to the head. However, Decedent was never warned of the dangers of repetitive head impacts.
- 10. In or around December 2005, Decedent was diagnosed with Alzheimer's dementia, and he suffered memory loss, confusion, dizziness, fatigue and other symptoms associated with CTE and other neurodegenerative disorders associated with the repetitive head

impacts experienced in football, as discussed in greater detail below. Since January 2006, Decedent has been treating his Alzheimer's disease with the medication, Aricept.

- 11. From December 2005, Decedent's condition continued to deteriorate until his death December 26, 2011.
- 12. As discussed in greater detail below, continuing through 2010, the Defendant denied any relationship between symptoms of CTE, or other neurodegenerative disorders, and repeated concussions or sub-concussive blows suffered while playing NFL football. These denials and active refutation on the part of NFL agents, constituted fraud (unintentional or intentional) and concealment of information directly related to the Plaintiff's causes of action. Further, the Defendant's concealment and fraudulent activities before 2010 are, in and of themselves, acts or omissions that warrant this cause of action.
- Defendant, it was not until 2010 at the earliest, that the Plaintiff or Decedent had any reason to consider that his Alzheimer's disease, suffering during his life and his subsequent death, were due, at least in part, to the conduct, misconduct and omissions of the Defendant.
- 14. The Plaintiff and Decedent suffered harm and have been the victim of the fraudulent concealment by the Defendant as described herein.
- 15. Defendant NFL is a nonprofit, unincorporated entity, with its principal place of business located at 280 Park Avenue, 15th Floor, New York, NY 10017, presently conducting business activities in Philadelphia County and receiving substantial revenues from its business activities in Philadelphia County.
- 16. At all relevant times, the NFL, which is also the successor of the American Football League ("AFL") with which it merged in 1970, was a trade association of franchise

owners, currently numbering thirty-two (32), within two conferences, the AFC and the NFC ("NFL" or "Defendant").

- 17. The NFL is a separate entity from each of its teams.
- 18. Each team functions as a separate business but operates under shared revenue generated through broadcasting, merchandising and licensing.
- 19. The NFL is not, and has never been, the employer of Plaintiff's Decedent who, as a player, was employed directly by independent franchise teams during his career in professional football.
- 20. The NFL governs and promotes the game of American football, sets and enforces rules and league policies, and regulates team ownership and revenue-sharing. It generates revenue mostly through marketing sponsorships, licensing merchandise and by selling national broadcasting rights to the games. The teams share a percentage of the League's overall revenue.
- 21. Owing in part to its immense financial power and status in American football, the NFL has assumed enormous influence over the research and education of physicians, trainers, coaches, and amateur football players at all levels of the game regarding football injuries.

GENERAL ALLEGATIONS

THE NFL HAS PROMOTED AND MYTHOLOGIZED THE VIOLENT NATURE OF PROFESSIONAL FOOTBALL

22. The NFL focuses on violence as one of the League's greatest selling points, portraying the league's players as gladiators. To advance the NFL's purpose, its propaganda arm, NFL Films, has created numerous highlight features that focus solely on the hardest-hits that take place on the football field. These featured videos are marketed and sold to advance the NFL's culture of violence as entertainment.

- 23. The list of videos created by NFL Films glorifying violent plays includes, but is not limited to, the following titles: NFL: Moment of Impact (2007); NFL's 100 Greatest Tackles (1995); Big Blocks and King Size Hits (1990); The Best of Thunder and Destruction NFL's Hardest Hits; NFL Films Video: Strike Force (1989); The NFL's Greatest Hits (1989); Crunch Course; Crunch Course II (1988); Crunch Masters; In the Crunch (1987); NFL Rocks; and NFL Rocks: Extreme Football.
- 24. NFL Films also created TV series shown on NFL Network, entitled the "*Top Ten Most Feared Tacklers*", which now features its own section on the NFL's website. The episodes of this program are comprised of videos highlighting the most vicious tacklers the NFL has ever seen.
- 25. The NFL, through NFL Films, also promotes a culture in which playing hurt or with an injury is both expected and acclaimed of players. The NFL has produced videos that praise players who embody the ethos of playing hurt (for example, "*Top Ten Gutsiest Performances*"). This film and others like it celebrate players' ability to play through the pain and injury and promote an expectation among players and fans that players must and often do play through any injury, including concussions and sub-concussive traumatic brain injuries.
- 26. These videos evidence an overall culture in the NFL where players are encouraged to play despite an injury, in part, because failure to play through an injury creates the risk of losing playing time, a starting position, and possibly a career.
- 27. Within this culture, the Defendant purposefully profits from the violence it promotes.

CONCUSSIONS, TRAUMATIC BRAIN INJURY AND CTE

- 28. The American Association of Neurological Surgeons ("AANS") defines a concussion as "a clinical syndrome characterized by an immediate and transient alteration in brain function, including an alteration of mental status and level of consciousness, resulting from mechanical force or trauma." The injury generally occurs when the head either accelerates rapidly and then is stopped, or is spun suddenly. The results frequently include confusion, blurred vision, memory loss, nausea and, sometimes, unconsciousness.
 - 29. The AANS defines traumatic brain injury ("TBI") as:
 - a blow or jolt to the head, or a penetrating head injury that disrupts the normal function of the brain. TBI can result when the head suddenly and violently hits an object, or when an object pierces the skull and enters brain tissue. Symptoms of a TBI can be mild, moderate or severe, depending on the extent of damage to the brain. Mild cases may result in a brief change in mental state or consciousness, while severe cases may result in extended periods of unconsciousness, coma or even death.
- 30. A concussion or sub-concussive TBI may result in smashing, jiggling and torquing of the brain while causing strains and tears, snapping blood vessels, killing brain cells (neurons) and shearing the delicate connections (axons) that link this incredibly complex organ.
- 31. Medical evidence has shown that symptoms of a concussion can reappear hours or days after a concussive event, indicating that the injury has not healed.
- 32. According to neurologists, once a person suffers a concussion, he is as much four times more likely to sustain a second concussion. Additionally, after several concussions, a lesser impact may cause the injury, and the injured player requires more time to recover.
- 33. Clinical and neuro-pathological studies by some of the nation's foremost experts demonstrate that multiple concussions and/or repeated sub-concussive TBIs sustained during an NFL player's career may cause severe cognitive problems such as depression early-onset

Alzheimer's Disease, dementia, deficits in cognitive functioning, reduced processing speed, attention, and reasoning, loss of memory, sleeplessness, mood swings, personality changes, and the debilitating and latent disease known as Chronic Traumatic Encephalopathy.

- 34. Chronic Traumatic Encephalopathy ("CTE") is, a progressive degenerative disease of the brain found in athletes (and others) with a history of multiple concussions and/or repeated sub-concussive TBIs. Conclusive studies have shown this condition to be prevalent in retired professional football players who have a history of head trauma.
- 35. Multiple concussions and/or repeated sub-concussive TBIs, trigger latent, progressive degeneration of brain tissue. These changes in the brain can begin months, years, or even decades after the last concussion or end of active athletic involvement.
- 36. To date, neuro-anatomists have performed autopsies on greater than 25 former NFL players who died after exhibiting signs of degenerative brain disease. At least 90 % of these players were found to have suffered from CTE.
- 37. Published scientific research has shown that 36% of NFL retirees studied, age 65-75, suffered from dementia, while only 2.2-6.5% of the same age group in the general population suffered from dementia.

THE NFL OWED A DUTY TO ITS PLAYERS

- 38. At all times, the NFL was and is in a position of superior knowledge as compared with the League's players, including Decedent, with respect to the risks associated with multiple concussions and repeated sub-concussive TBIs.
- 39. At all times, the NFL's possessed vastly superior knowledge than that available to players, including Decedent, regarding head injuries in professional football, and the associated health risks.

- 40. Since its inception, the NFL unilaterally placed itself in the role of protecting players, informing players of safety concerns, and imposing unilaterally a wide variety of rules to protect players from injuries that were costly to the player, the game, and profits. From the beginning, the NFL portrayed itself to players and the public at large as the guardian of the players' best interests on health and safety issues.
- 41. As a result, players and their families relied on the NFL to intervene in matters of player safety, to recognize issues of player safety, and to be truthful on the issue of player safety.
- 42. Recently, the NFL admitted that "[s]ince its earliest days, the league has continuously taken steps to ensure that the game is played as fairly as possible without unnecessary risk to its participants, including making changes and enhancements to game safety rules." (www.nflhealthsasfety.com/commitment/regulations) (2011-2012).
- 43. Over many decades, the NFL has known the risks of concussive and sub-concussive injury in football. On information and belief, the NFL has paid medical science consultants to advise it regarding health risks associated with playing football, including the health risks associated with repetitive concussive and sub-concussive injuries.
- 44. Such ongoing medical advice and information gave the NFL continuing superior knowledge to the players, including Decedent. When taken with the NFL's unilateral power to set rules and determine policies throughout its game, the NFL was at all relevant times situated to direct and control how the game would be played and to determine the risks to which players would be exposed.
- 45. As a result, the NFL unilaterally assumed a duty to act in the best interests of the health and safety of NFL players, to provide truthful information to NFL players regarding risks to their health, and to take all reasonable steps necessary to ensure the safety of players.

- 46. As early as the 1920s, the NFL assumed the common law duty to ensure the safety of players participating in professional football and to inform the players of safety information that they needed to know.
- 47. Over the history of the league, the NFL has instituted the following rule changes in carrying out its legal duties including, but not limited to:
 - a. In 1929, adding a field judge;
 - b. In 1933, establishing hash-marks at 10 yards from the sidelines;
 - c. In 1938, enacting a rule making unnecessary roughness, a deliberate rough contact on the passer after the pass is made, a penalty;
 - d. In 1943, making helmets mandatory;
 - e. In 1947, adding a back field judge;
 - f. In 1955, enacting a rule that the ball is dead when a runner touches the ground with any part of his body except his hands while in the grasp of an opponent (1955);
 - g. In 1956, enacting a rule that the ball is dead immediately if the runner touches the ground with any part of his body except his hands after being contacted by a defensive player;
 - h. In 1956, enacting a rule prohibiting the grabbing of any player's facemask, other than the ball carrier;
 - i. In 1966, enacting a rule prohibiting players from grabbing any player's facemask;
 - j. In 1966, requiring that goal posts be offset from the goal line (1966);
 - k. In 1967, enacting a rule prohibiting a player who signals for a fair catch from blocking or initiating contact with one of the kicking team's players until the ball touches a player;
 - In 1973, enacting a rule prohibiting a defensive player who jumps or stands on a teammate, or who is picked up by a teammate, from attempting to block an opponent's kick;

- m. In 1974, enacting a rule preventing any receiver from being blocked below the waist after moving beyond the line of scrimmage;
- n. In 1974, enacting a rule preventing eligible receivers who take a position more than two yards from the tackle from being blocked below the waist;
- o. In 1976, enacting a rule prohibiting a defender from running or diving into a ball carrier who has fallen to the ground untouched;
- p. In 1977, enacting a rule prohibiting a defensive lineman from striking an opponent above the shoulders during his initial charge (previously the NFL made this illegal only during the first step);
- q. In 1977, enacting a rule prohibiting a wide receiver from clipping an opponent anywhere;
- r. In 1979, enacting rules regarding mandatory equipment;
- s. In 1979, enacting a rule prohibiting a player in the backfield from chopping an outside rusher on a pass play;
- t. In 1979, enacting a rule prohibiting players from throwing a punch or forearm or kicking an opponent; and
- u. In 1980, enacting a rule prohibiting players from striking, swinging, or clubbing an opponent in the head, neck or face.
- 48. As the sport's sole governing entity, the NFL has made it known to players and teams alike that the NFL actively and pervasively governs player conduct and health and safety both on and off the field. In public statements since its inception, the NFL has stated that its goals include taking necessary steps for the safety, health and well-being of players and their families.
- 49. The NFL's paternalistic approach included comprehensive rookie training programs to teach new players how to manage their personal lives, inquiries from the media, and newly acquired income.

- 50. For decades, the NFL voluntarily instituted programs to support player health and safety on and off the field, and the players and their families looked to the NFL for guidance on these issues.
- 51. For instance, the NFL unilaterally established medical, life insurance, and retirement plans, funded the plans, and controlled the nature and extent of each of these plans without input or involvement of from any player.
- 52. Despite its unilateral duty and power to govern player conduct on and off the field, the NFL has for decades ignored, turned a blind eye to, and actively concealed the risks to players of repetitive sub-concussive and concussive head impacts, which can and do result in players being knocked unconscious or having "their bell rung" so that they are in a conscious but disoriented state.
- 53. Thus, since its inception, and continuing into the present, the NFL has been in a position that affords it a special relationship to NFL players, including Decedent, as the guardian of their health and safety. For that reason, from its inception and continuing into the present, the NFL owed a duty of reasonable care to keep NFL players, including Decedent, informed of neurological risks, to inform NFL players truthfully, and not to mislead NFL players about the risks of permanent neurological damage that can occur from multiple concussions and/or repeated sub-concussive TBIs incurred while playing football.
- 54. During the decades of the 1930s through the 1960s, the NFL in its supervisory role as guardian of player safety -- identified tackling techniques, as listed among the examples in ¶ 47 above that exposed players to increased risks of injury, including head, neck, and leg injuries. The NFL issued regulations which served as daily warnings to players of the hazardous nature of continuing to follow hazardous tackling techniques.

- 55. As a result of its position of authority and repository of a composite of information throughout the League, the NFL was aware of how to protect NFL players from dangerous circumstances on the field of play and took unilateral, but insufficient, measures to do so.
- 56. On information and belief, over decades, the NFL, its agents, and its paid consultants voluntarily and gratuitously consulted with independent physicians and neuro-cognitive specialists on the issue of head trauma to NFL players. The NFL then ignored and suppressed professional advice on such diverse and important topics as: the recognition of the circumstances that can precipitate concussions and sub-concussive TBI, the long-term potential consequences of concussions and sub-concussive TBI to NFL players, and solutions for players who have sustained concussions and sub-concussive TBI.
- 57. At all relevant times, the NFL gratuitously assumed a duty to research, study, test, understand and address the risks of neurological injury—short term and long term—related to playing football in the NFL. As such, the NFL owed a duty of reasonable care to educate players about the risks associated with multiple concussions and/or repetitive sub-concussive TBIs, of which the NFL was aware and had been aware for many years. By gratuitously undertaking to study and publicly report about concussions and sub-concussive TBIs in professional football, the NFL assumed a duty not to mislead players and the general public about the risks of permanent neurological damage that can occur from head trauma incurred while playing football.
- 58. Moreover, the NFL gratuitously assumed a duty to the current and retired players to provide truthful information about the risks of concussive and sub-concussive injuries in light of the fact that, at all relevant times, the NFL knew that the vast majority of NFL players played

under non-guaranteed contracts and, as such, would willingly (and unknowingly) expose themselves to additional neurological injury and an increased risk of harm solely to maintain their income under such contracts.

59. Once the NFL assumed a duty to reasonably study and understand the long-term cognitive consequences of exposure to multiple concussions and/or repeated sub-concussive TBIs, it failed to act appropriately by covering-up, hiding, denying, and suppressing all pertinent information. Instead of using this information for the safety of the players, the NFL fraudulently covered up its knowledge of the dangers.

RESEARCH REGARDING CONCUSSIONS AND HEAD TRAUMA IN FOOTBALL

- 60. For well over 60 years, the NFL has known or should have known of the rate and seriousness of concussions and sub-concussive TBIs in the sport of football.
- 61. In a landmark 1928 study, pathologist Harrison Martland described the clinical spectrum of abnormalities found in "almost 50 percent of fighters [boxers] . . . if they ke[pt] at the game long enough" (the "Martland study"). The article was published in the *Journal of the American Medical Association*. This study was the first to link sub-concussive blows and "mild concussions" to neurodegenerative disease.
- 62. In a 1937 report, the American Football Coaches Association warned that players who suffered a concussion should be removed from sports demanding personal contact.
- 63. In 1948, the New York State Legislature created the Medical Advisory Board of the New York Athletic Commission for the specific purpose of creating mandatory rules for professional boxing designed to prevent or minimize the health risks to boxers. After a three year study, the Medical Advisory Board recommended, among other things, (a) an accident survey committee to study ongoing accidents and deaths in boxing rings; (b) two physicians at ring-side

for every bout; (c) post-bout medical follow-up exams; (d) a 30-day period of no activity following a knockout and a medical follow up for the boxer, all of which was designed to avoid the development of "punch drunk syndrome," also known at the time as "traumatic encephalopathy"; (e) a physician's prerogative to recommend that a boxer surrender temporarily his boxing license if the physician notes that boxer suffers significant injury or knockout; and (f) a medical investigation of boxers who suffer knockouts numerous times.

- 64. The New York State Athletic Commission codified the recommendations of its Medical Advisory Board as rules governing all boxing matches.
- 65. A 1952 article published in the *New England Journal of Medicine* recommended a three-strike rule for concussions in football (i.e., recommending that players cease to play football after receiving their third concussion.)
- 66. A 1967 study examined changes in brain activity caused by impacts from football by utilizing EEG to read brain activity in game conditions, including after head trauma. Drs. Hughes & Hendrix, "Telemetered EEG from a Football Player in Action,"

 Electroencephalography & Clinical Neurophysiology 24:183-86.
- 67. In 1969, a paper published in the *Journal of Medicine and Science in Sports* by a leading medical expert in the treatment of head injuries recommended that any concussive event with transitory loss of consciousness requires the removal of the football player from play and requires monitoring. This paper was also the basis for a 1973 book by the same experts, entitled *Head and Neck Injuries in Football*.
- 68. A 1975 study by Drs. Gronwall & Wrightson looked at the cumulative effects of concussive injuries in non-athletes and found that those who suffered two concussions took

longer to recover than those who suffered from a single concussion. The authors noted that these results could be extrapolated to athletes given the common occurrence of concussions in sports.

- 69. NFL rule-makers knew or should have known that, by the 1960s and 1970s, sports medicine professionals were documenting that the advent and use of the helmet-face mask combination was contributing to the use of the helmeted-head as an offensive weapon, which in turn was increasing the rate of head and neck injuries in football.
- 70. Between 1952 and 1994, numerous additional studies were published in medical journals including the *Journal of the American Medical Association*, *Neurology*, the *New England Journal of Medicine*, and *Lancet* warning of the dangers of single concussions, multiple concussions, and/or football-related head trauma. These studies collectively established that:
 - a. repetitive head trauma in contact sports, including boxing and football, has potential dangerous long-term effects on brain function;
 - b. acceleration and rapid deceleration of the head that results in brief loss of consciousness in primates also results in a tearing of the axons (brain cells) within the brainstem;
 - c. with respect to mild head injury in athletes who play contact sports, there is a relationship between neurologic pathology and length of the athlete's career;
 - d. immediate retrograde memory issues occur following concussions;
 - e. mild head injury requires recovery time without risk of subjection to further injury;
 - f. head trauma is linked to dementia;
 - g. a football player who suffers a concussion requires significant rest before being subjected to further contact; and,
 - h. minor head trauma can lead to neuropathological and neurophysiological alterations, including neuronal damage,

reduced cerebral blood flow, altered brainstem evoked potentials and reduced speed of information processing.

- 71. By 1991, three distinct medical professionals/entities, all independent from the NFL—Dr. Robert Cantu of the American College of Sports Medicine, the American Academy of Neurology and the Colorado Medical Society—developed return-to-play criteria for football players suspected of having sustained head injuries, but the NFL failed to adopt any of the three sets of criteria.
- 72. In 1999, former Pittsburgh Steeler and Hall of Famer Mike Webster filed a request to the NFL that he receive complete disability benefits based on the fact that he had sustained repeated and disabling head impacts while a player for the Steelers. In support of his claim, Webster submitted extensive medical reports and testimony that stated, among other things, that Webster suffered from "traumatic or punch drunk encephalopathy" sustained from playing football that left him totally and permanently disabled as of 1991.
- 73. The NFL's own physician independently examined Webster and concluded that Webster was mentally "completely and totally disabled as of the date of his retirement and was certainly disabled when he stopped playing football sometime in 1990."
- 74. Thus, the NFL, knew and accepted that repeated TBIs led to long-term encephalopathy and permanent mental disability.
- 75. In 2000, Dr. Barry Jordan and Dr. Julian Bailes presented a study at the American Academy of Neurology's 52nd Annual Meeting that surveyed 1,094 former NFL players between the ages of 27 and 86. The study concluded that: (a) more than 60% had suffered at least one concussion in their careers with 26% of the players having three or more and 15% having five or more; (b) 51% had been knocked unconscious more than once; (c) 73% of those injured said they were not required to sit on the sidelines after their head trauma; (d) 49% of the

former players had numbness or tingling; (e) 28% had neck or cervical spine arthritis; (f) 31% had difficulty with memory; (g) 16% were unable to dress themselves; (h) 11% were unable to feed themselves; and (i) eight suffered from Alzheimer's disease.

- 76. A 2003 study partially authored by Dr. Kevin Guskiewicz analyzed data from almost 2,500 retired NFL players and found that 263 of the retired players suffered from depression. The study found that having three or four concussions meant twice the risk of depression as never-concussed players and five or more concussions meant a nearly threefold risk.
- 77. In 2004, a convention of neurological experts in Prague met with the aim of providing recommendations for the improvement of safety and health of athletes who suffer concussive injuries in ice hockey, rugby, football, and other sports based on the most up-to-date research. These experts recommended that a player never be returned to play while symptomatic, and coined the phrase, "when in doubt, sit them out."
- 78. The University of North Carolina's Center for the Study of Retired Athletes published survey-based papers in 2005 through 2007 that found a strong correlation between depression, dementia, and other cognitive impairment in NFL players and the number of concussions those players had received.
- 79. Since the 1960s, the Defendant has known or it has had reason to know, from its supervisory and management role, that NFL players suffering repeated concussions were more likely to experience evolving symptoms of post-traumatic brain injury, including headaches, dizziness, loss of memory, and other symptoms associated with neurodegenerative brain disease. Despite this knowledge, until 2010, the Defendant continued to deny any connection or

correlation between players suffering concussions and/or sub-concussive TBIs and long-term chronic brain injury or illness.

MISREPRESENTATIONS AND ATTEMPTS TO CONCEAL EVIDENCE OF THE RISKS OF REPEATED HEAD TRAUMA

- 80. In 1994, the NFL created the Multiple Traumatic Brain Injury ("MTBI")

 Committee to research the problem of head injuries in the NFL. In doing so, the NFL

 affirmatively assumed a duty to use reasonable care in creating the MTBI Committee, studying concussions on behalf of NFL players, and a duty to use reasonable care in keeping players informed of the risks associated with concussions and sub-concussive TBIs.
- 81. The MTBI Committee's stated goal was to present objective findings on the extent to which a concussion problem existed in the NFL, and to outline solutions. The MTBI Committee's studies were purportedly geared toward "improv[ing] player safety" and instituting "rule changes aimed at reducing head injuries."
- 82. However, since 1994, the NFL's MTBI Committee negligently and fraudulently pursued its stated goals by engaging in a campaign of disinformation (a) disputing accepted medical science regarding the connection between concussions and repetitive sub-concussive TBIs and neurodegenerative disease; and (b) creating falsified studies that would act as scientific evidence to support the NFL's position.
- 83. The MTBI Committee was intended to be independent from the NFL, consisting of a combination of doctors and researchers.
- 84. In actuality, however, the MTBI Committee was not independent and consisted of five (5) members already affiliated with the NFL.

- 85. In particular, rather than appointing an expert in brain trauma to lead the MTBI, the NFL appointed Dr, Elliot Pellman, a rheumatologist employed by the New York Jets who lacked any specialized training or education relating to concussions, brain injury or neurology.
- 86. Dr. Pellman had reportedly been fired by Major League Baseball for lying to Congress regarding his resume.
- 87. Despite frequent and harsh outside criticism related to his deficient medical training, background, and experience, Dr. Pellman was permitted to chair the MTBI Committee from 1994 to 2007.
- 88. The fact that Dr. Pellman was a paid physician for an NFL Team was an obvious conflict of interest. At no time was Dr. Pellman independent of the NFL, because he remained a paid employee of an NFL Team on an ongoing basis.
- 89. The NFL failed to appoint any neuro-pathologist, neurologist, or any other doctor specializing in brain research to the MTBI Committee.
- 90. Beginning in 2003, the NFL's MTBI Committee published a series of articles in medical journals with numerous conclusions at odds with years of existing medical research, including the following:
 - a. that "[b]ecause a significant percentage of players returned to play in the same game [after suffering a concussion] and the overwhelming majority of players with concussions were kept out of football-related activities for less thin I week, it can be concluded that mild [traumatic brain injuries] in professional football are not serious injuries." See "Concussions in professional football: Summary of the research conducted by the National Football League's Committee on Mild Traumatic Brain 1rljury." Neurosurg. Focus 21 (4):E12; 2006, Rl. Pellman and D.C. Viano;
 - b. that NFL players did not show a decline in brain function after a concussion;

- c. that there were no ill effects among those who had three or more concussions or who took hits to the head that sidelined them for a week or more;
- d. that "no NFL player experienced the second-impact syndrome or cumulative encephalopathy from repeat concussions"; and
- e. NFL players' brains responded and healed faster than those of high school or college athletes with the same injuries.
- 91. The NFL-funded studies are completely devoid of logic and science, and contrary to the NFL's Health and Safety Rules, as well as 75 years of published medical literature on concussions and traumatic head injury.
- 92. The MTBI Committee's methodology and the conclusions reached in their research were criticized by independent experts due to numerous conclusions at odds with common medical knowledge and basic scientific protocol.
- 93. For example, in 2004 the MTBI Committee published a conclusion claiming that the Committee's research found no risk of harm or injury from repeated concussions in players with previous concussions, and that there was no "7- to 10-day window of increased susceptibility to sustaining another concussion."
- 94. In a comment to this publication, one independent doctor wrote that "[t]he article sends a message that it is acceptable to return players while still symptomatic, which *contradicts literature published over the past twenty years* suggesting that athletes be returned to play only after they are asymptomatic, and in some cases for seven days." (emphasis added).
- 95. The Committee failed to include hundreds of neuropsychological tests done on players in the results of the Committee's studies on the effects of concussions.
- 96. The results reported by Dr. Pellman and the MTBI Committee selectively excluded at least 850 baseline tests. In a paper published in *Neurosurgery* in December 2004,

Dr. Pellman and the other MTBI Committee members reported on the baseline data for 655 players and the results for 95 players who had undergone both baseline testing and post-concussion testing. They concluded that NFL players did not show a decline in brain function after suffering concussions. Their further analysis purportedly found no ill effects among those who had three or more concussions or who took hits to the head that kept them out for a week or more. The paper did not explain where the players in the study groups came from specifically or why certain player data was included and that data from hundreds of other players was not.

- 97. In addition, Dr. Pellman fired a neuropsychologist employed by the New York Jets, Dr. William Barr, after Dr. Barr presented the results of an NCAA study, which conflicted with the findings of the MTBI, at a conference.
- 98. In contrast to the research conducted by the NFL's MTBI Committee, clinical and neuro-pathological studies performed by independent scientists and physicians demonstrated that multiple NFL-induced concussions cause cognitive problems such as depression, early on-set dementia and CTE.
- 99. In response to these studies, to further the NFL's scheme of fraud and deceit, members of the NFL's MTBI Committee denied knowledge of a link between concussions and cognitive decline.
- 100. When the NFL's MTBI Committee anticipated studies that would show causal links between concussions and cognitive degeneration, the Committee promptly published articles producing contrary findings, as part of Defendant's scheme to deceive the players, including Decedent, and the public at large.
- 101. Dr. Bennet Omalu examined the brain tissue of deceased NFL players, including Mike Webster, Terry Long, Andrew Waters and Justin Strzelczyk. Dr. Omalu concluded, in an

article in *Neurosurgery*, that CTE triggered by multiple NFL concussions was a partial cause of their death.

- 102. In response to Dr. Omalu's, article, the NFL's MTBI Committee wrote a letter to the editor of *Neurosurgery* asking that Dr. Omalu's article be retracted.
- 103. In 2007, Dr. Julian Bailes, from West Virginia University, briefed the NFL's MTBI Committee on the findings of Dr. Omalu and other independent studies 1 inking multiple NFL head injuries with cognitive decline. Dr. Bailes recalled the MTBI Committee's reaction to his presentation: "the Committee got mad ... we got into it. And I'm thinking, 'This is a ... disease in America's, most popular sport and how are its leaders responding? Alienate the scientist who found it? Refuse to accept the science coming from him?"
- 104. A clinical study performed by Dr. Kevin Guskiewicz found that retired players who sustained three or more concussions in the NFL had a fivefold prevalence of mild cognitive impairment. In response, the NFL's MTBI Committee, promptly attacked the article by refusing to accept a survey of 2,400 former NFL players.
- 105. Due to Congressional scrutiny and media pressure, the NFL scheduled a league-wide Concussion Summit for June 2007. The NFL, in furtherance of its scheme of deceit, issued a pamphlet to players in August 2007, which stated: "Current research with professional athletes has not shown that having more than one or two concussions leads to permanent problems... It is important to understand that there is no magic number for how many concussions is too many."
- 106. In 2008, the NFL commissioned a study of over 1,000 former players by the University of Michigan's Institute for Social Research, which concluded that "Alzheimer's disease or similar memory-related diseases appear to have been diagnosed in the league's former

players vastly more often than in the national population—including a rate of 19 times the normal rate for men ages 30 through 49."

- 107. Despite commissioning the study, the NFL responded to the study's results by claiming it was incomplete and that further findings would be needed. Several experts in the field found the NFL's reaction to be "bizarre," noting that "they paid for the study, yet they tried to distance themselves from it."
- 108. At a series of Congressional hearings in 2009 and 2010 on the issue of head injuries in the NFL, the Defendant and the members of its MTBI Committee continued to deny links between football-related head injuries and heightened rates of dementia, and faced strong criticism from members of Congress.
- 109. In particular, at a Congressional hearing in January 2010, Dr. Casson of the MTBI Committee provided written and oral testimony where he stated, "there is not enough valid, reliable or objective scientific evidence at present to determine whether or not, repeat head impacts in professional football result in long-term brain damage."
- 110. In 2010, the NFL re-named the MTBI Committee the Head, Neck and Spine Medical Committee and replaced all of its members.
- 111. The members of the new Committee called the data collected by the MTBI Committee "infected", stating, "[w]e all had issues with some of the methodologies described; the inherent conflict of interest that was there in many areas, that was not acceptable by any modem standards or not acceptable to us. I wouldn't put up with that, our universities wouldn't put up with that, and we don't want our professional reputations damaged by conflicts that were put upon us."

112. For many years, the NFL and its MTBI Committee have been on direct notice of multiple NFL head injuries contributing to cognitive decline in later life, yet Defendant has never amended any of its inaccurate and misleading statements.

NFL HAS ACKNOWLEDGED ITS DUTY TO PROTECT PLAYERS FROM THE LONG-TERM RISKS OF CONCUSSIONS AND SUB-CONCUSSIVE TBIS

- 113. On August 14, 2007, the NFL acknowledged its duty to protect players from the risk of concussions and sub-concussive head trauma by enacting concussion guidelines, many of which stemmed from the NFL's Concussion Summit involving team trainers and doctors, were sent to all current players and other team personnel.
- 114. The NFL's 2007 guidelines on concussion management include a whistleblower provision for individuals to report concussions with the League so that a player with a head injury is not forced to practice or play against medical advice.
- 115. The NFL's 2007 concussion guidelines also include an informational pamphlet provided to all current NFL players to aid in identifying symptoms of a concussion.
- 116. However, the NFL's August 14, 2007 press release accompanying the concussion guidelines denied that "more than one or two concussions lead to permanent problems."
- 117. In a statement issued by the NFL on August 14, 2007, Roger Goodell, the Commissioner of the NFL, introduced the NFL's 2007 concussion guidelines by saying, "we want to make sure all NFL players, coaches and staff members are fully informed and take advantage of the most up-to-date information and resources as we continue to study the long-term impact of concussions."
- 118. The NFL's Commissioner also stated, "[b]ecause of the unique and complex nature of the brain, our goal is to continue to have concussions managed conservatively by

outstanding medical personnel in a way that clearly emphasized player safety over competitive concerns."

- 119. The NFL's 2007 concussion guidelines specifically mandate that a player should have normal neurological test results and no concussion symptoms before returning to play.
- 120. Defendant acknowledged that the 2007 concussion guidelines were inadequate and insufficient. As a result, the NFL enacted more strict regulations to handle concussions starting in the 2009 season. Specifically, the NFL announced new rules requiring players who exhibit any significant signs of concussion to be removed from a game or practice and be barred from returning the same day.
- 121. Nevertheless, it was not until June 2010 that the NFL finally issued a warning poster and related pamphlet to its players regarding identification of concussions. This was the first time the NFL attempted to acknowledge the truth to its active players regarding concussions.
- 122. The June 2010 poster and pamphlet warned active players of the long-term risks associated with multiple concussions, including dementia, memory loss, CTE and its related symptoms. Unlike its previous messages to players, including the 2007 pamphlet, the NFL instructed players regarding reporting possible concussions, treating concussions, and the long-term risk of concussions. The NFL quoted the Center for Disease Control's conclusions that, "traumatic brain injury can cause a wide range of short or long term changes affecting thinking, sensation, language or emotions." The NFL further informed players, "[t]hese changes may lead to problems with memory or communication, personality changes, as well as depression and early onset dementia. Concussions and conditions resulting from repeated brain injury can change your life and your family's life forever."

- 123. As of today, Defendant has not warned retired players of the long-term health effects of concussions.
- 124. Due to the statements and actions of the NFL and the MTBI Committee, the Decedent did not know, nor did he have reason to know, the long-term effects of concussions and relied on the Defendant to provide reasonable warnings and studies.
- 25. The NFL knew that a substantial risk of physical and mental harm to players existed in connection with repeated concussive and sub-concussive blows to the head, to wit: the danger of irreversible brain-damage and/or dementia. The Defendant consciously, willfully, and deliberately disregarded the safety of others in working to discredit and undermine accepted medical research, and spreading misinformation to players, including Decedent regarding the risks of multiple concussions and repeated sub-concussive TBIs.

COUNT I CONCEALMENT

- 126. Plaintiff adopts and incorporates by reference all prior paragraphs of this Complaint as if fully set forth herein.
- 127. The Defendant concealed facts and information which caused the plaintiff's Decedent to become exposed to the harm referenced above.
- 128. As a proximate cause of the concealment of the Defendant, Decedent was caused to suffer harm described above and suffered damages.
- 129. Wherefore, the Plaintiff individually and in her representative capacity hereby demands damages from the defendant in an amount in excess of \$75,000.00 to be determined at trial, plus interest and costs.

COUNT II CIVIL CONSPIRACY

- 130. Plaintiff adopts and incorporates by reference all prior paragraphs of this Complaint as if fully set forth herein.
- 131. The Defendant actively and deliberately conspired with its team members and/or independent contractors who were directed to continuously discount and reject the causal connection between multiple concussions suffered while playing in the NFL, continued a non-scientific return-to-play policy for players suffering concussions and, as a result thereby exposed players, including Decedent, to the chronic long-term effects of these injuries.
- 132. This conduct between the defendant and others was a proximate cause of the chronic injuries and damages suffered by the Plaintiff and Decedent.
- 133. Wherefore, the Plaintiff hereby demands damages from the Defendant in an amount in excess of \$75,000.00 to be determined at trial, plus interest and costs.

COUNT III NEGLIGENCE

- 134. Plaintiffs adopt and incorporate by reference all prior paragraphs of this Complaint as if fully set forth herein.
- 135. The Defendant assumed a duty toward Decedent to supervise, regulate, monitor and provide reasonable and appropriate rules to minimize the risk of injury to the players.
- body for all the team members and the plaintiffs and the class members. The defendant knew or should have known that its actions or its inaction in light of the rate and extent of concussions reported in the NFL would cause harm to players in both short and long term.

- 137. The Defendant was generally careless and negligent by breaching the duty of due care it assumed for the benefit of the Plaintiff's decedent, both generally and in the following particular respects:
 - a. Failing to warn of the risk of unreasonable harm resulting from repeated concussions;
 - Failing to disclose the special risks of long term complications
 from repeated concussions and return to play;
 - c. Failing to disclose the role that repeated concussions has in causing chronic life-long cognitive decline;
 - Failing to promulgate rules and regulations to adequately address
 the dangers of repeated concussions and a return to play policy to
 minimize long-term chronic cognitive problems;
 - e. Hiring and retaining inappropriate and unqualified agents to study and report on problems arising from head trauma in professional football;
 - f. Misrepresenting pertinent facts that players needed to be aware of to make determinations of the safety of return to play;
 - g. Concealing pertinent facts;
 - Failing to adopt rules and reasonably enforce those rules to minimize the risk of players suffering debilitating concussions;
 and,
 - Other acts of negligence or carelessness that may materialize during the pendency of this action.

138. Wherefore, the Plaintiff hereby demands damages from the Defendant in an amount in excess of \$75,000.00 to be determined at trial, plus interest and costs.

COUNT IV DAMAGES

- 139. Plaintiff adopts and incorporates by reference all prior paragraphs of this Complaint as if fully set forth herein.
- 140. Plaintiff Regina Antwine Loonie, on behalf of the Decedent's Estate and the next of kin and heirs, hereby seeks damages allowable under the applicable state law for Wrongful Death and the Survival Action, including but not limited to past medical expenses and medically related costs associated with the harm suffered and injuries and disability referenced above, a loss of earnings and earnings capacity associated with the harm suffered and the injuries and disability referenced above, and intangible harm and injuries described including, but not limited to, Alzheimer's disease, other symptoms associated with latent neurodegenerative disease, loss of the pleasures of life as allowed by law.
- 141. The Plaintiff is entitled to damages in an amount in excess of \$75,000.00 to be determined at trial.

PRAYER FOR RELIEF

- 142. WHEREFORE, the Plaintiff prays for judgment as follows:
 - a. An award of compensatory damages for the named Plaintiff, the estate of the Decedent and their heirs and next of kin, the amount of which is to be determined at trial;
 - An award to the Plaintiff for prejudgment interest and costs and further relief as the Court deems just and proper.

JURY DEMANDED

Pursuant to Rule 38 of the Federal Rules of Civil Procedure, the Plaintiff hereby demands a trial by jury.

Dated: New York, New York November 5, 2012

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