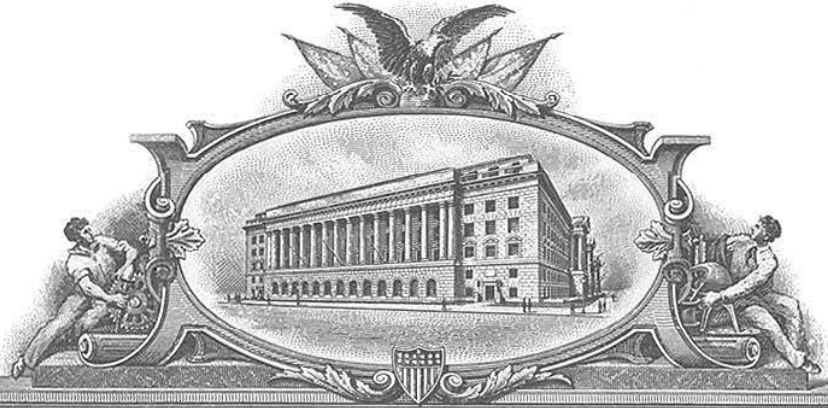


8353849



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

March 09, 2023

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF THE FILE WRAPPER AND CONTENTS OF:

APPLICATION NUMBER: 14/409,493
FILING DATE: December 19, 2014
PATENT NUMBER: 9764003
ISSUE DATE: September 19, 2017



Certified by

Kathi

Performing the Functions and Duties of the
Under Secretary of Commerce
for Intellectual Property
and Director of the United States
Patent and Trademark Office

Notice of References Cited	Application/Control No. 14/409,493	Applicant(s)/Patent Under Reexamination JENSEN ET AL.	
	Examiner KRISTINA M. HELLMAN	Art Unit 1675	Page 1 of 2

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N				
	O				
	P				
	Q				
	R				
	S				
	T				

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
U	Kim et al., "Effects of once-weekly dosing of a long-acting release formulation of exenatide on glucose control and body weight in subjects with type 2 diabetes," Diabetes Care 30:1487-1493 (2007)
V	Bydureon NDA 022200/S-008 package information, pp. 1-179 (Feb. 2014)
W	Clinical Trial NCT00696657, entitled "A Randomised Controlled Clinical Trial in Type 2 Diabetes Comparing Semaglutide to Placebo and Liraglutide," pp. 1-5 (3/11/2015) - accessed 9/24/15 at URL clinicaltrials.gov/archive/NCT00696657/2011_03_25
X	Lau et al., "Discovery of the once-weekly glucagon-like peptide-1 (GLP-1) analogue semaglutide," J. Med. Chem. 58:7370-7380 (2015)

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 14/409,493	Applicant(s)/Patent Under Reexamination JENSEN ET AL.	
	Examiner KRISTINA M. HELLMAN	Art Unit 1675	Page 2 of 2

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
	A US-				
	B US-				
	C US-				
	D US-				
	E US-				
	F US-				
	G US-				
	H US-				
	I US-				
	J US-				
	K US-				
	L US-				
	M US-				

FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N				
	O				
	P				
	Q				
	R				
	S				
	T				

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
U	Eperzan assessment report, Euro. Med. Agency, pp. 1-124 (2014)- accessed 9/24/2015 at URL: ema.europa.eu/docs/en_GB/document_library/EPAR_-_Public_assessment_report/human/002735/WC500165119.pdf
V	Trulicity assessment report, Euro. Med. Agency, pp. 1-172 (2014)- accessed 9/24/2015 at URL: ema.europa.eu/docs/en_GB/document_library/EPAR_-_Public_assessment_report/human/002825/WC500179473.pdf)
W	
X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

← History of this study ↑ Current version of this study

View of NCT00696657 on 2011_03_25

ClinicalTrials Identifier: NCT00696657

Updated: 2011_03_25

Descriptive Information

Brief title A Randomised Controlled Clinical Trial in Type 2 Diabetes Comparing Semaglutide to Placebo and Liraglutide

Official title Investigation of Safety and Efficacy of Five Doses of Semaglutide Versus Placebo and Open-label Liraglutide, as Add on Therapy, in Subjects Diagnosed With Type 2 Diabetes Currently Treated With Metformin or Controlled With Diet and Exercise A 12 Week Multi-centre, Multi National, Double-blind, Placebo-controlled, Randomised, Nine Armed Parallel Group, Dose Finding Trial

Brief summary

This trial was conducted in Europe, Asia and Africa. Study participants were randomised evenly to treatment with semaglutide (0.1 mg QW - 1.6 mg QW, 6 treatment arms, placebo or liraglutide (1.2 mg QD, or 1.8 mg QD). Treatment allocation to semaglutide or placebo was double-blind, whereas liraglutide treatment was administered open-label. Primary efficacy parameter was HbA1c and the treatment duration was 12 weeks.

Detailed description

Phase Phase 2

Study type Interventional

Study design Treatment

Study design Randomized

Study design Double Blind (Subject, Investigator)

Study design Placebo Control

Study design Parallel Assignment

Study design Safety/Efficacy Study

Primary outcome Measure: HbA1c
Time Frame: after 12 weeks of treatment
Safety Issue? No

Secondary outcome Measure: Percentage of subjects with an adverse events
Time Frame: after 12 weeks of treatment
Safety Issue? No

Secondary outcome Measure: Percentage of subjects with hypoglycaemic episode
Time Frame: after 12 weeks of treatment
Safety Issue? No

Secondary outcome Measure: Change from baseline in ECG

	Time Frame: week 0, week 12
	Safety Issue? No
Secondary outcome	Measure: Change from baseline in vital signs (Pulse)
	Time Frame: week 0, week 12
	Safety Issue? No
Secondary outcome	Measure: Change from baseline in vital signs (blood pressure)
	Time Frame: week 0, week 12
	Safety Issue? No
Secondary outcome	Measure: Change from baseline in standard safety laboratory parameters (haematology)
	Time Frame: week 0, week 12
	Safety Issue? No
Secondary outcome	Measure: Change from baseline in standard safety laboratory parameters (biochemistry)
	Time Frame: week 0, week 12
	Safety Issue? No
Secondary outcome	Measure: Change from baseline in standard safety laboratory parameters (urinalysis)
	Time Frame: week 0, week 12
	Safety Issue? No
Secondary outcome	Measure: Change from baseline in calcitonin
	Time Frame: week 0, week 12
	Safety Issue? No
Secondary outcome	Measure: Percentage of subjects developing anti-semaglutide antibodies
	Time Frame: after 12 weeks of treatment
	Safety Issue? No
Enrollment	415 (Actual)
Condition	Diabetes Mellitus, Type 2
Arm/Group	Arm Label: A Experimental
Arm/Group	Arm Label: B Experimental
Arm/Group	Arm Label: C Experimental
Arm/Group	Arm Label: D Experimental
Arm/Group	Arm Label: E Experimental
Arm/Group	Arm Label: F Experimental
Arm/Group	Arm Label: G1 Placebo Comparator
Arm/Group	Arm Label: G2 Placebo Comparator
Arm/Group	Arm Label: G3 Placebo Comparator
Arm/Group	Arm Label: G4 Placebo Comparator

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.