



WRITTEN OPINION ON THE PATENTABILITY OF THE INVENTION

FA817165	Filing date (<i>day/month/year</i>) 07/27/2015	Priority date (<i>day/month/year</i>)	National registration number FR1557153																
International Patent Classification (IPC) G06Q10/08 G09F9/00																			
Applicant STORE ELECTRONIC SYSTEMS																			
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		Examiner Aupiais, Brigitte																	

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Point I Basis of the opinion

This opinion was established based on the latest claims filed before the commencement of the search.

Point III Lack of opinion on novelty, inventive step, and industrial applicability

The question of whether the object of the claimed invention appears to be new, involves an inventive step, or is capable of industrial application has not been examined concerning:

- ☐ the whole application,
- ☒ claim(s) 11

because:

- ☐ the description or drawings, the claims in question, relate to the following object, for which a patentability evaluation does not need to be performed:
- ☒ the description or drawings, claims 11 in question are not clear, making it impossible to formulate a valid opinion (*specify*):
see separate sheet
- ☐ the claims in question are not adequately based on the description, making it impossible to formulate a valid opinion.
- ☐ a preliminary search report has not been established for the entire application or the claims in question.
- ☐ a valid opinion could not be formulated in the absence of a listing, if applicable in a format conforming to the international standard (WIPO ST.25), of nucleotide or amino acid sequences.
- ☐ a valid opinion could not be formulated in the absence of the tables relating to the listing of nucleotide or amino acid sequences, or these were not provided according to the international standard (WIPO ST.25).

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Point V Reasoned opinion on novelty, inventive step, and industrial applicability; citations and explanations supporting this statement

1. Statement

Novelty	Yes:	Claims	1-10
	No:	Claims	
Inventive step	Yes:	Claims	1-10
	No:	Claims	
Industrial applicability	Yes:	Claims	1-10
	No:	Claims	

2. Citations and explanations

see separate sheet

Re: point III

Lack of opinion on novelty, inventive step, and industrial applicability

- 1 No opinion can be formulated regarding novelty, inventive step, and industrial applicability because the object of the protection requested for the independent claim 11 is not clearly defined. The formulation "said management system being adapted to implement the method according to one of claims 1 to 8" does not allow a person skilled in the art to determine which technical characteristics are necessary for the execution of the mentioned process.

Re: point V

Reasoned statement on novelty, inventive step, and industrial applicability; citations and explanations supporting this statement

- 2 Reference is made to the following document:

D1 US 2015/178767 A1 (WU CHUN-HSIEN [TW] ET AL) June 25, 2015 (2015-06-25)

- 3 Independent claim 1

The document D1, considered as the closest prior art to the subject-matter of claim 1, discloses (see paragraphs [0006]-[0009], [0023]-[0024], [0028], [0030]-[0038], [0051]-[0052], [0058]-[0063]) a method for updating (see paragraph [0009]) association data (see paragraphs [0028], [0030]) between products ("product": see paragraph [0028]) of a sales area and locations (see paragraph [0028]) of said sales area, said sales area having a plurality of electronic shelf labels ("electronic shelf label 110": see paragraph [0024]) distributed in said sales area, each of said labels ("electronic shelf label 110") being associated with a product and located near a location associated with said product, each of said labels ("electronic shelf label 110") being equipped with its own label identifier ("label identifying information": see paragraph [0028]), said method comprising steps in which, to locate (see paragraph [0031]) at least one label ("electronic shelf label 110") to be located,

- a reading device ("deploying device 130": see paragraph [0027]) acquires (see paragraph [0032]) *label identifiers, a sequence*

~~of label identifiers including at least two identifiers of labels whose electronic shelf labels are adjacent in a direction of scrolling of locations of the sales area, one of said adjacent electronic shelf labels being said label to be located, and another of said adjacent electronic shelf labels being a label whose location is known,~~

~~- the reading device transmits the sequence of identifiers the label identifiers to a computing system ("controlling device 120": see paragraphs [0027]-[0028]), - the computing system ("controlling device 120") updates (see paragraphs [0035]-[0036]) the association data from the sequence of label identifiers the label identifiers, by determining~~
~~. the products associated with the labels in the label sequence,~~
~~. the respective locations of said products from the order of labels in the label sequence.~~

Therefore, the subject-matter of claim 1 differs from this known method in that it includes the crossed-out features; it is therefore new.

The problem that the present invention aims to solve can be considered as maintaining the association data between products of a sales area and locations of said sales area in accordance with the actual arrangement of products in the sales area.

The solution to this problem, proposed in claim 1 of the present application, is considered to involve an inventive step for the following reasons: no document of the prior art discloses, nor suggests updating association data relating to the association between products of a sales area and locations of said sales area, through the acquisition, by a reading device, of a sequence of at least two label identifiers whose labels are adjacent, in a direction of scrolling of locations of the sales area, and one of the identifiers corresponds to the label to be located, and the other to a label whose location is known.

4 Independent claim 10

The same reasoning applies mutatis mutandis to the subject-matter of the corresponding independent claim 10, which is therefore considered to involve an inventive step.

5 Dependent claims 2 to 9

Claims 2 to 9 depend on claim 1 and therefore also meet the requirements of novelty and inventive step as such.

Date: March 15, 2024

Translator's Declaration

I, Hugh Robinson, hereby declare:

That I possess advanced knowledge of the French and English languages. The attached French into English translation has been translated by me and to the best of my knowledge and belief, it is a true and accurate translation of "Ex. 2002 Original Opinion écrite (INPI Written Opinion of FR1557153) 2016-02-17".

I declare that all statements made herein of my knowledge are true, and that all statements made on information and belief are believed to be true. I further declare that these statements were made with the knowledge that willfully false statements and the like are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code.

H. Robinson

[Hugh Robinson]