



Program/Project Planning and
Administrative Support (PPAS) Services
Intellectual Property Management Office

PRIOR ART SEARCH REPORT

Requesting Employee/College or Office:	Date of Request:	Date of Accomplishment:
College of Engineering – Mechanical Engineering Department	October 1, 2020	October 7, 2020

Objectives:

The general objective of this patent search is to determine if the “Single Phase Electric Meter Wireless Frequency Data Transfer Device” is a novel invention.

Specifically it aims to:

1. Find out if the invention mentioned is valid for Intellectual Property Application to the Intellectual Property Office of the Philippines;
2. Determine if the invention is infringing on an existing patent;
3. Cite advancements related to the proposed invention above.

Period/Date of Search: October 1, 2020 – October 7, 2020

Title: Multi – Controlled Specialized Wheelchair for Persons with Phocomelia Syndrome
Filing Date: October 1, 2020
Abstract The Multi – Controlled Specialized Wheelchair is a device that may help persons with disabilities especially those who has phocomelia syndrome, but also it is suitable for those who has working hands but cannot walk or even for paralyzed individual. It allows the person move from one place to another without any assistance from other. This wheelchair can be controlled using head motion, joystick, and smartphone thru Bluetooth. This study would be a big help for those who has special cases of PWDs to answer their need of being unable to control the wheelchair.
International Patent Classification

A61G 5/1035 A61G 5/1037 A61G 5/1024 A61G 5/1005		
Keywords Multi – Controlled Specialized Wheelchair for Persons with Phocomelia Syndrome		
Database (<i>USPTO, Espacenet, Patentscope, JPO-IPDL, Thomson-Reuters</i>)	Search String <i>(ABST/(SHIPPING AND (PACKAGE OR PARCEL OR DOCUMENT)) AND ICL/(G07F007/00 OR G07F017/00 OR G06Q020/00))</i>	Number of Hits <i>[Ex: 205]</i>
Google Patents	Multi – Controlled Wheelchair	74, 332
Espacenet	Automatic Wheelchair	11, 366
Espacenet	Multi – controlled OR specialized wheelchair	6, 529
Patentscope	Multi – Controlled Specialized Wheelchair	4, 519
Espacenet	Multi -Controlled AND specialized wheelchair	576
Espacenet	Multi – Controlled Specialized Wheelchair for Persons with Phocomelia Syndrome	No results found

DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of Documents
Y	CA2481694C Convertible Wheelchair and Separate Lift Module for Connecting to and Elevating the Wheelchair
Y	US6684969B1 Changeable Personal Mobility Vehicle
Y	US3618968A Patient – Operated Wheelchair
Y	US6154690A Multi – Feature Automated Wheelchair

*** Special Categories of Cited Documents:**

- A** document defining the general state of the art which is not considered to be of particular relevance
- X** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- Y** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Note: Further references not indicated in this search report may be cited during substantive examination.

3. CERTIFICATION

Jane Rose Caja

Science Research Assistant/Project Planning and Administrative Support Services
Office of the Vice President for Planning, Research, Extension, Production, and Development
Southern Luzon State University
Lucban, Quezon

Geri Mae A. Tolentino, MSc

Director, Program/Project Planning and Administrative Support Services
Office of the Vice President for Planning, Research, Extension, Production, and Development
Southern Luzon State University
Lucban, Quezon