## قال تعالى:

# بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

{اقْرَأْ بِاسْمِ رَبِّكَ الَّذِي خَلَقَ (1) خَلَقَ الْإِنْسَانَ مِنْ عَلَقٍ (2) اقْرَأْ وَرَبُّكَ الْأَكْرَمُ (3) الَّذِي عَلَّمَ بِالْقَلَمِ (4) عَلَّمَ الْإِنْسَانَ مَا لَمْ يَعْلَمْ (5)}

[ سورة العلق: الآيات 1-5]

### **DEDICATIONS**

This study is lovingly dedicated to our parents for their emotional and financial support, our brothers, our sisters and our friends whose has been constant source of inspiration for us. They have given us the drive and discipline to tackle any task with enthusiasm and determination. Without their love and support this project would not have been made possible.

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#### **ABSTRACT**

The permanent magnets have invisible and continuous power where it can attract the iron or other specific kind of metal with the energy flow which allows the permanent magnet to defy the gravity for years. Therefore, it is believed that the free energy can be extracted from the permanent magnets by arranging the magnets in special configuration. This project was proposed by performing paper research, experiments and hardware prototype development. In this report, we had focused our research on the prototype design.

### مستخلص

المغنطيسية الدائمة تمتلك قوة مستمرة و غير مرئية والتي بدورها يمكنها جذب الحديد او ما شابه من المعادن والتي تسمح له بالتغلب على الجاذبية الأرضية. لذلك يمكن القول بأن الطاقة المجانية يمكن استخراجها من المغنطيسات الدائمة عن طريق ترتيبها بشكل معين. تم اقتراح هذا المشروع بعد الإطلاع على أوراق بحثية و إجراء بعض التجارب و كذلك تصميم نموذج عملي حيث ركز هذا البحث على النموذج العملي.

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## LIST OF SYMBOLS

Ø	Magnetic flux
В	Magnetic flux density
A	Area in m <sup>2</sup> normal to flux
Н	Magnetic intensity
R	Distance from a magnetic pole
F	Force
$\mu_0$	Absolute permeability
$\mu_{r}$	Relative permeability
μ	Absolute permeability of the material
M	Pole strength

## LIST OF ABBREVIATIONS

COP	Coefficient of performance
DC	Direct current
N-pole	North pole
S-pole	South pole
Wb	Weber
T	Tesla
m	Metre
N	Newton
REC	Rare-earth cobalt magnets