Supporting Information
Magnetoelectrochemistry and Asymmetric Electrochemical Reactions

Suryakant Mishra$*, Marzia di Marzio#, Roberto Giovanardi#, Francesco Tassinari$

$Department of Chemical and Biological Physics, Perlman Building, Weizmann Institute of Science, Rehovot, 761000, Israel

#DIEF University of Modena and Reggio Emilia, 41125, Modena, Italy

Email address: suryakant.mishra@weizmann.ac.il

Figure: S1 SEM images at (a) 5000x, (b) 10000x and (c) EDS spectrum recorded on, Ni-LTA layer deposited "without" magnetic field
**Figure: S2** SEM images at (a) 5000x, (b) 10000x and (c) EDS spectrum recorded on, Ni-LTA layer deposited by galvanostatic electrodeposition.

**Figure: S3** SEM images at (a) 1000x, (b) 5000x and (c) EDS spectrum recorded on, pure Ni layer deposited potentiostatic electrodeposition.
Figure: S4 SEM images at (a) 1000x, (b) 5000x and (c) EDS spectrum recorded on, pure Ni layer deposited by low current galvanostatic electrodeposition.

Figure: S5 SEM images at (a) 1000x, (b) 5000x and (c) EDS spectrum recorded on, Ni-LTA layer deposited by potentiostatic electrodeposition.
**Figure: S6** SEM images at (a) 5000x, (b) 10000x and (c) EDS spectrum recorded on Ni-LTA layer deposited by low current galvanostatic electrodeposition.

**Figure: S7** SEM images at (a) 5000x, (b) 10000x and (c) EDS spectrum recorded on Ni-LTA layer deposited under “up” oriented magnetic field
Figure: S8 SEM images at (a) 5000x, (b) 10000x and (c) EDS spectrum recorded on Ni-LTA layer deposited under “down” oriented magnetic field