**Accident victim tests first artificial limb**

Scientists have successfully invented a prosthetic hand with a sense of touch. It is an exciting new invention, which they plan to develop. It is possible that, in the not-too-distant future, similar artificial arms and legs will have taken the place of today’s prosthetic limbs.

Dennis Sorensen, a 39-year-old from Denmark, was the first person to try out the new invention**. After losing his left hand in an accident, he had been using a** standard prosthetic hand for nine years. The new hand, which was developed by Swiss and Italian scientists, was a huge improvement. With it, Sorensen could not only1. pick up and 2. manipulate objects, but he could also 3. feel them. ‘When **I** held an object, **I** could feel if it was soft or hard, round or square,’ he explained. He said that the sensations were almost the same as the ones he felt with his other hand. (Normal hand /Right hand)

Unfortunately, Sorensen was only taking part in trials, and the equipment is not ready for general use yet. He was only allowed to wear it for a month, for safety reasons. So now he has his old artificial hand back. However, he hopes that soon he will be wearing the new type of hand again. He is looking forward to the time when similar artificial limbs are available for the thousands of people who need them. He will have helped to transform their lives.

Old hand New limb (hand)

Standard hand

 Today’s hand

Things he can do with

1. picking up things (objects) 1. picking up things (objects)

1. Manipulating objects (things 2. Manipulating objects (things)

 3. Feeling objects