

Iran-Made Hearing Enhancement Device Patented by U.S.



TEHRAN -- Researchers at a knowledge-based company in Iran have successfully designed and produced an electronic stimulation device for the auditory system to improve hearing in deaf people. "This product is the result of developing know-how of electronic cochlear implants. Its production started two years ago and it was put into operation by the experts in this company this year," Samira Koshkestani, the managing director of the Iranian knowledge-based company that manufactures medical equipment for people with hearing loss, told ANA.

A cochlear implant is a small electronic device that helps people hear. It can be used for people who are deaf or very hard of hearing.

She said the core function of a cochlear implant is to convert the input sounds into meaningful electrical stimulation patterns. These electronic stimulators produce rehabilitative and cognitive effects for the deaf person through the stimulation they produce in the ear's nerves.

Their company, she said, has produced the device for testing the hearing in deaf people, while their expert team has been working on developing the device for other functions in the fields of neuroscience and physiotherapy

in the next stage.

"Through the software we designed, the type of pulses, the shape of the waves, and their intensity can be programmed, and through the electrodes, the waves are exercised into a certain area of the body."

Cochlear implants allow deaf people to receive and process sounds and speech. However, these devices do not restore normal hearing. They are tools that allow sound and speech to be processed and sent to the brain.

The electrodes that are the outside device are connected to the patient's body and generate electromagnetic waves.

The implant receives the sound, converts the sound into an electrical signal, and sends it to the inside part of the cochlear implant.

The company, Koshkestan said, had obtained a patent certificate from the United States about five years ago.

"These devices are produced in Iran for the first time by the country's knowledge-based researchers," she said.

Koshkestani pointed to the commercialization of the knowledge-based product, saying, "Now about 35 medical centers and hospitals in the field of audiometry and ear-related diseases are using this device."

Filming of 'Endless' About Tehrani-Moqaddam Begins

TEHRAN -- The filming has begun for the movie 'Endless', portraying the life and legacy of martyr Hassan Tehrani-Moqaddam, renowned as the father of Iran's missile program.

According to IRNA, 'Endless', directed by Sasan Fallahfar, captures one of the most pivotal chapters of the martyr's life.

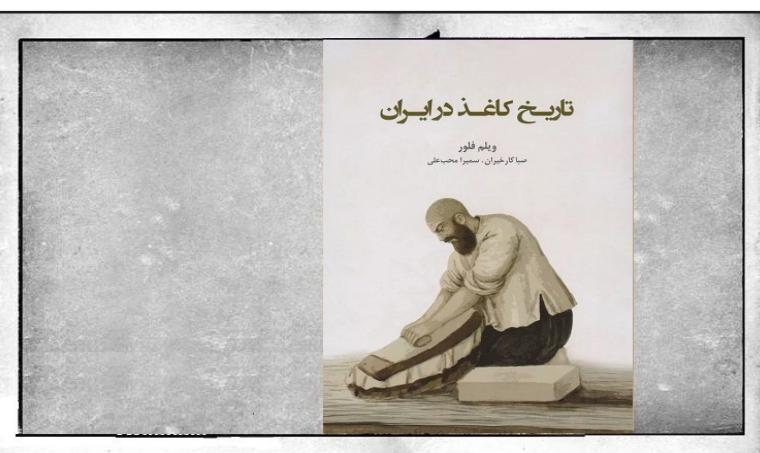
In the cinematic production, actor Hamid Ebrahimi plays the role of martyr Tehrani-Moqaddam.

'Endless' stands as a cinematic adaptation, drawing inspiration from real-life events tied to the endeavors of the martyred general.

Filmed in the vicinity of the martyr's resting place, the movie captures the essence of Iran's missile science pioneer, showcasing the resilience and dedication that defined his life.



'History of Paper in Iran' Published in Persian



TEHRAN -- A book by Dutch scholar Willem Floor, 'History of Paper in Iran, 1501-1925' (2022) written in collaboration with Amélie Couvrat Desvergnés has been published in Persian.

The book which rewards scholars and general readers alike has been translated into Persian by Saba Karkhizan and Samira

Moheb-Ali. Iranshenasi (Iranology) Publishing has released 'History of Paper in Iran' in 184 pages.

The Chinese invented papermaking, which by the 8th century had reached the Muslim world in Samarkand and Baghdad, and Spain by the 11th century. Much later at the end of the

18th century onwards, modern, industrial papermaking was developed by the Europeans.

'The History of Paper in Iran, 1501 to 1925' sets out for the reader the types of paper made in Iran during the Safavid and Qajar periods and the crucial role imported paper played in the country.

The Iranian government attempted to introduce modern European paper production technology, first by sending students abroad to learn about this technology and then by purchasing equipment to set up a paper industry.

However, during the 19th century, domestic Iranian paper production came under increasing pressure from paper imports, and the government abandoned its efforts to modernize the domestic paper industry.

The authors, renowned scholar Willem Floor in collaboration with Amélie Couvrat Desvergnés a museum conservator of artworks on paper and books, identify and illustrate the watermarks and/or countermarks of the various paper producers and provide examples of the diversity of quality, composition, and nature of the different types of paper used by various strata of the Iranian society.

Also provided are detailed import data, showing which country exported paper to Iran, via which routes, as well as their changing market position over time. Finally, the various end uses of paper, from books and farmans to paintings, and diverse packing and utilitarian paper are examined and, where possible, quantified data are presented.

'Anita' Qualifies for Oscars After Cleveland Award



TEHRAN -- Iranian documentary 'Anita, Lost in the News' has received the best animated short award along with a cash prize at the 48th Cleveland International Film Festival.

Given that the Cleveland festival is an Oscar-Qualifying event, the award makes "Anita, Lost in the News" eligible for participating in the Oscar short film competition next year.

The 48th Cleveland Film International Festival was held from April 3 to 13 in the United States.

The Iranian animation by Behzad Nalbandi competes with important works of world cinema in the international documentary section.

The synopsis of the film reads, "On October 26, 2020, an inflatable boat leaves the coast of Dunkirk, France, to bring 19 il-

legal immigrants to England, but after a few minutes, it capsizes. Seven immigrants drown in the English Channel, five of them a Kurdish-Iranian family called Irannejad, who had embarked on the difficult journey in the hope of a better life."

The 17-minute film is the new work of Nalbandi, whose previous work titled "Torn Papers" has won awards in Iranian and world film festivals.

"Anita, Lost in the News" has previously been screened at Jilava festivals in the Czech Republic, Tokyo Anime in Japan, Houston in the United States, the 28th Animac International Animation Film Festival in Catalonia, Birmingham festival, India Animation Festival and the 43rd Istanbul festival.

Iranian Culinary in Movies

TEHRAN -- Experience the mouthwatering culinary delights shown in some of Iran's most iconic films.

From communal gatherings to friendly family dinners, these cinematic feasts offer a window into Iranian culture and tradition.

1. 'The Tenants' (1986) - Director: Darioush Mehrjooe - this gripping tale, audiences witness power struggles unfold in an apartment complex as residents fight to preserve their homes against a scheming manager's eviction plans, iFilm wrote.

Mehrjooe's mastery of eating sequences adds depth to the narrative.

2. 'The Patriarch' (1993) - Director: Akbar Kahjooe - Explore the dynamics of familial authority as Assadollah, the family patriarch, asserts his dominance around the dinner spread, enforcing his authority over his household.

This classic series delves into the clash of generations and traditional values.

3. 'Mom's Guests' (2004) - Director: Darioush Mehrjooe

Audiences experience heartwarming camaraderie as neighbors come together to help a struggling mother prepare a feast for her unexpected guests.

Mehrjooe captures the essence of community and compassion in this delightful com-

edy. **4. 'A Cube of Sugar' (2011) - Director: Reza Mirkarimi** - Embarking on an emotional journey, viewers witness Pasand's wedding celebration take an unexpected turn, weaving together nostalgia and togetherness around the dining spread.

Mirkarimi's sentimental por-

trayal resonates with audiences.

5. 'Mother' (1991) - Director: Ali Hatami - Delving into family memories and rituals, audiences witness a mother preparing for her final journey, surrounded by her loved ones.

Hatami's poetic portrayal of eating scenes evokes a myriad

of emotions.

6. 'Transit Café' (2005) - Director: Kambuzia Partovi - Immerse yourself in the vibrant atmosphere of a café run by a determined widow, as she defies societal pressures and strives for independence.

Partovi captures the essence of resilience and empowerment amidst culinary traditions.

Picture of the Day



The plain of overturned tulips in the Astaneh region of Dahaghan, Isfahan province.

Photo by Tasnim